

**Use and Costs of P2Y₁₂ inhibitors after Acute Myocardial Infarction
in Germany and the United States**

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1. Title Page

Title	Use and costs of P2Y12 inhibitors after acute myocardial infarction in Germany and the United States.
Research question & Objectives	This study aims to describe temporal trends in the utilization and treatment costs of clopidogrel, ticagrelor, and prasugrel in Germany and the United States.
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Contributors	Primary investigators contact information: Dr. Nils Krüger, nkruger1@bwh.harvard.edu Contributor names: Fabian Müller, fab.mueller@tum.de
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Conflict of interest	Dr. Krüger and Mr. Müller have no conflict of interest.

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2. Abstract

Oral P2Y12 inhibitors are a cornerstone of secondary prevention after acute myocardial infarction. In randomized trials, the potent P2Y12 inhibitors ticagrelor and prasugrel reduced ischemic events compared with clopidogrel.^{1,2} More recently, head-to-head comparisons between ticagrelor and prasugrel confirmed prasugrel’s noninferiority and/or superiority compared with ticagrelor.³⁻⁵ The extent to which this evolving evidence has been incorporated into practice across healthcare systems remains unclear. Therefore, this study aims to describe temporal trends in P2Y12 inhibitor use and associated treatment costs in Germany and the United States (US) from 2011 through 2024.

The database study will use a new-user design to evaluate age- and sex-standardized use of clopidogrel, ticagrelor, and prasugrel initiators among P2Y12 inhibitor initiators over time in separate German and US populations following evolving clinical evidence and guideline recommendations. The 12-month treatment costs for each treatment will be assessed over time. In addition, population-level temporal trends in major adverse cardiovascular events and bleeding-related hospitalizations will be described in Germany in the context of changes in clinical treatment guidelines for P2Y12 inhibitor selection after acute myocardial infarction. In the US, industry payments related to ticagrelor and prasugrel made to healthcare providers will be analyzed. Provider-level prescribing patterns according to receipt of industry payments will be described.

The study uses three data sources: National healthcare claims from the BARMER statutory health insurance (Germany), Optum Clinformatics (US), Merative MarketScan (US).
Eligible cohort entry period for all databases between January 1, 2011 to December 31, 2024.

3. Amendments and updates

Version date	Version number	Section of protocol	Amendment or update	Reason

4. Rationale and background

The purpose of this protocol is to describe the design and implementation of a descriptive study investigating the use and costs of P2Y12 inhibitors after acute myocardial infarction in Germany and the US.

In Germany, the regulatory approval of clopidogrel, ticagrelor, and prasugrel is governed by centralized European Union (EU) marketing authorisations. Clopidogrel, marketed as Plavix, received EU marketing authorisation in July 1998 and is indicated in combination with aspirin for the prevention of thrombotic events in adults with recent myocardial infarction, recent ischaemic stroke, peripheral arterial disease, and acute coronary syndrome (ACS).⁶ Ticagrelor, marketed in the EU as Brilique, received EU marketing authorisation on December 3, 2010 and is indicated with aspirin for the prevention of atherothrombotic events in adults with acute coronary syndrome or those with prior myocardial infarction who remain at high risk.⁷ Prasugrel, marketed as Efient, received EU marketing authorisation in February 2009 and is indicated in combination with aspirin for adults with acute coronary syndrome undergoing primary or delayed percutaneous coronary intervention (PCI).⁸

In the US, clopidogrel was first approved by the Food and Drug Administration (FDA) in 1997 under the brand name Plavix and is indicated for patients with ACS or recent myocardial infarction.⁹ Ticagrelor was first approved in the US in 2011 under the brand name Brilinta. It is approved to reduce cardiovascular death, myocardial infarction, and stroke in acute coronary syndromes or prior myocardial infarction, to reduce first myocardial infarction or stroke in high-risk coronary artery disease, and to reduce stroke risk after acute ischaemic stroke or high-risk transient ischemic attack (TIA).¹⁰ Prasugrel was first approved by the FDA in 2009 under the brand name Effient for reducing thrombotic cardiovascular events, including stent thrombosis, in patients with acute coronary syndrome proceeding to PCI. Prasugrel carries prominent bleeding warnings and is contraindicated in patients with prior TIA or stroke; its use is also not recommended in patients aged 75 years or older except in selected high-risk patients.¹¹

Evidence from randomized trials demonstrated that clopidogrel reduced recurrent ischemic events compared with aspirin and provided additional benefit when combined with aspirin in acute coronary syndrome, although its effect is limited by interindividual response variability related to metabolic activation.¹²⁻¹⁴ Consequently, newer P2Y12 inhibitors ticagrelor and prasugrel were developed and have shown to be more potent than clopidogrel.^{1,2} Ticagrelor reduced cardiovascular death, myocardial infarction, or stroke compared with clopidogrel in patients with acute coronary syndromes in the PLATO trial,² while prasugrel reduced ischemic events, particularly myocardial infarction and stent thrombosis, in ACS patients undergoing PCI in the TRITON-TIMI 38 trial.¹ More recently, the comparative effectiveness and safety of ticagrelor and prasugrel were assessed in the head-to-head ISAR-REACT 5 trial and further supported by a trial emulation study using observational data, both suggesting more favorable clinical outcomes with prasugrel among patients with acute coronary syndromes undergoing an invasive treatment strategy.^{4,5}

5. Research question and objectives

Table 1 Research questions and objectives

A. Research question and objective: Population-level trends in use of P2Y12 inhibitors

Objective:	To evaluate temporal trends in the age- and sex-standardized use of clopidogrel, ticagrelor, and prasugrel among adults initiating P2Y12 inhibitor therapy after acute myocardial infarction in Germany and the US between 2011 and 2024.
Hypothesis:	We hypothesize that, in parallel with the evolving evidence base and updated guideline recommendations by the AHA/ACC and ESC, the proportions of patients treated with clopidogrel, ticagrelor, and prasugrel changed substantially from 2011 to 2024 in Germany and the US.
Population:	Adults aged ≥ 18 years with acute myocardial infarction who initiated outpatient treatment with clopidogrel, ticagrelor, or prasugrel.
Exposure:	Initiation of clopidogrel, ticagrelor, or prasugrel.
Outcome:	Age- and sex-standardized proportions of clopidogrel, ticagrelor, and prasugrel initiators over time.
Time:	2011 to 2024.
Setting:	Outpatient medication use in Germany and the US.
Main measure of effect:	Age- and sex-standardized proportion of clopidogrel, ticagrelor, and prasugrel initiators compared between Germany and the US.

B. Research questions and objectives: Population-level trends in costs of P2Y12 inhibitors

Objective:	To evaluate temporal trends in the consumer price index-adjusted 12-month treatment costs of clopidogrel, ticagrelor, and prasugrel in Germany and the US between 2011 and 2024.
Hypothesis:	We hypothesize that, in parallel with generic market entry and changing market competition, consumer price index-adjusted 12-month treatment costs of clopidogrel, ticagrelor, and prasugrel changed substantially between 2011 and 2024 in Germany and the US. We further hypothesize that clopidogrel had the lowest adjusted treatment costs because of earlier and broader generic availability, whereas ticagrelor and prasugrel had higher treatment costs during periods of brand-name exclusivity or limited generic competition.
Population:	Individuals with outpatient dispensing records for clopidogrel, ticagrelor, or prasugrel.
Exposure:	Outpatient dispensing of clopidogrel, ticagrelor, or prasugrel.

Outcome:	Consumer price index-adjusted net 12-month costs of clopidogrel, ticagrelor, and prasugrel over time.
Time:	2011 to 2024.
Setting:	Outpatient medication use in Germany and the US.
Main measure of effect:	Consumer price index-adjusted net 12-month treatment costs of clopidogrel, ticagrelor, and prasugrel after inflation adjustment to 2024 US dollars.

C. Research questions and objectives: Population-level trends in adverse events

Objective:	To evaluate temporal trends in age- and sex-standardized 1-year risks of major adverse cardiovascular event (MACE, defined as a composite of mortality, acute myocardial infarction, and stroke) and bleeding-related hospitalizations among adults initiating outpatient P2Y12 inhibitor therapy after acute myocardial infarction in Germany between 2011 and 2023.
Hypothesis:	We hypothesize that, in parallel with changing P2Y12 inhibitor utilization in clinical practice, age- and sex-standardized population-level rates of MACE and bleeding-related hospitalizations did not show a clinically relevant adverse temporal signal between 2011 and 2023 in Germany.
Population:	Adults aged ≥ 18 years with acute myocardial infarction who initiated outpatient treatment with clopidogrel, ticagrelor, or prasugrel.
Exposure:	Initiation of clopidogrel, ticagrelor, or prasugrel.
Outcome:	Quarterly age- and sex-standardized 1-year cumulative incidence of MACE and bleeding-related hospitalizations over time including segmented regression analysis. Analyses will be conducted separately for each outcome.
Time:	1 day after cohort entry date until the first of outcome, disenrollment, 365 days after cohort entry.
Setting:	Outpatient medication use in Germany. The outcomes will be measured from inpatient diagnosis and procedure codes.
Main measure of effect:	Age- and sex-standardized 1-year cumulative incidence estimates of MACE and bleeding-related hospitalizations; Level and slope changes from segmented regression analysis.

D. Research questions and objectives: Estimation of drug cost savings in the US

Objective:	To evaluate the potential drug cost savings associated with replacing ticagrelor with prasugrel in the US following evidence supporting prasugrel's superiority.
Hypothesis:	We hypothesize that, following evidence supporting prasugrel over ticagrelor, substitution of ticagrelor with prasugrel in clinical practice in the US would have been associated with substantial savings in drug treatment costs.
Population (mention key inclusion-exclusion criteria):	Individuals with acute myocardial infarction who initiated outpatient treatment with ticagrelor.
Exposure:	Observed outpatient ticagrelor treatment and a counterfactual substitution scenario in which ticagrelor is replaced with prasugrel when clinically appropriate.
Outcome:	Estimated population-level drug cost savings associated with replacement of ticagrelor with prasugrel in clinical practice in the US.
Time :	Q4 2019 to Q4 2024.
Setting:	Outpatient medication use in the US.
Main measure of effect:	Absolute estimated 12-month drug cost savings under a ticagrelor-to-prasugrel substitution scenario.

E. Research questions and objectives: Industry payments associated with ticagrelor and prasugrel in the US

Objective:	To evaluate temporal trends in industry payments associated with ticagrelor and prasugrel reported in the CMS Open Payments database between 2013 and 2024.
Hypothesis:	We hypothesize that, industry payments associated with ticagrelor and prasugrel differ substantially in magnitude and distribution between 2013 and 2024 in the US.

Population:	Healthcare providers receiving general and research payments associated with ticagrelor or prasugrel in the CMS Open Payments database.
Exposure:	Industry payments associated with ticagrelor or prasugrel listed as the primary associated drug.
Outcome:	Cumulative general and research industry payments associated with ticagrelor and prasugrel from 2013 onward.
Time:	2013 to 2024.
Setting:	Industry payments subject to reporting in the CMS Open Payments database.
Main measure of effect:	Cumulative industry payments in US dollars from 2013 onward, stratified by drug.

F. Research questions and objectives: Association between industry payments and prescription behavior

Objective:	To evaluate the association between industry payments by the ticagrelor manufacturing companies received by US providers in 2020 and 2021 and subsequent ticagrelor prescribing patterns among ticagrelor and prasugrel prescribers in 2022 and 2023.
Hypothesis:	We hypothesize that industry payments received by US providers in 2020-2021 are associated with greater subsequent ticagrelor prescribing in 2022-2023.
Population:	US Medicare Part D healthcare providers with >10 ticagrelor or prasugrel claims during both baseline years (2020-2021) and outcomes years (2022-2023).
Exposure:	Sum of general industry payments received during baseline years (2020–2021), categorized as \$0, \$1-250, and >\$250.
Outcome:	Ticagrelor prescribing share among combined ticagrelor and prasugrel claims during outcome years (2022–2023), categorized as low (<20%), medium (20–80%), and high (>80%).
Time:	Baseline years: 2020-2021; outcome years: 2022-2023.
Setting:	CMS Open Payments and Medicare Part D databases linked through National Provider Identifier (NPI).
Main measure of effect:	Adjusted odds ratios from multinomial logistic regression models adjusted for baseline provider characteristics and prescribing patterns.

G. Research questions and objectives: Association between patient characteristics and ticagrelor vs prasugrel initiation after 2019

Objective:	To evaluate the association between patient characteristics and the initiation of ticagrelor vs prasugrel in Germany and the US after prasugrel's superiority was shown.
Hypothesis:	We hypothesize that the factors associated with ticagrelor vs prasugrel initiation are similar in Germany and the US.
Population:	Adults aged ≥ 18 years with acute myocardial infarction who initiated outpatient treatment with ticagrelor or prasugrel.
Exposure:	Initiation of ticagrelor or prasugrel.
Outcome:	Association between patient characteristics and ticagrelor vs prasugrel initiation.
Time:	Q4 2019 to Q4 2024.
Setting:	Outpatient medication use in Germany and the US.
Main measure of effect:	Adjusted risk ratios from modified Poisson regression models adjusted patient characteristics.

6. Research methods

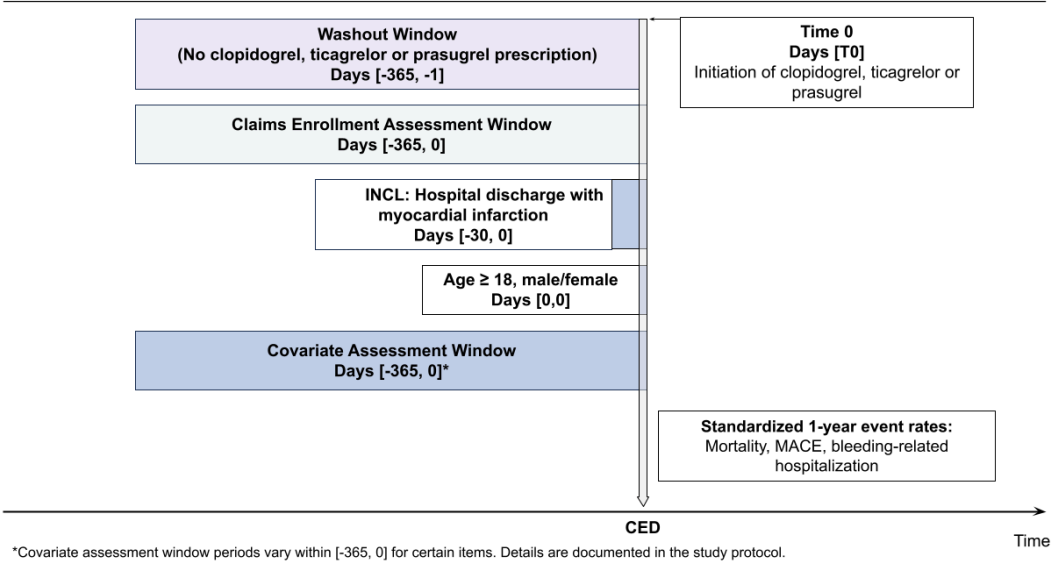
6.1 Study design

Research design (e.g. cohort, case-control, etc.): New user, descriptive cohort study.

Rationale for study design choice: A claims-based descriptive cohort study is a powerful design to analyze and describe medication use in routine care.

6.2 Study design diagram (Figure 1).

Figure 1. Study design diagram



6.3 Setting

6.3.1 Context and rationale for definition of time 0 (and other primary time anchors) for entry to the study population

Time 0 (CED) in the database study was defined as the day of P2Y12 inhibitor initiation. See appendix tables 1b/c for operational definitions and detailed code algorithms.

6.3.2 Context and rationale for study inclusion criteria:

Study inclusion criteria were defined to answer the research question. See appendix tables 1b/c for operational definitions and detailed code algorithms.

6.3.3 Context and rationale for study exclusion criteria

N/A.

6.4 Variables

6.4.1 Context and rationale for exposure(s) of interest

The exposure was defined to identify patients treated with the P2Y12 inhibitors clopidogrel, ticagrelor and prasugrel . See appendix tables 1b/c for operational definitions and detailed code algorithms.

6.4.2 Context and rationale for outcome(s) of interest

To assess the trends in age and sex-adjusted, 1-year event risks, the following endpoints were defined: MACE as a composite of all-cause mortality, myocardial infarction, or stroke, and bleeding-related hospitalization. See appendix tables 1f for operational definitions and detailed code algorithms.

Outcome validity for German code sets:

BARMER captures death information from official documentation such as death certificates or medical death certificates, automated notifications from pension insurance providers, employer reporting procedures, or hospitals, electronic civil registry inquiries, and informal reports such as phone calls or emails.

The positive predictive value for the acute myocardial infarction outcome ICD-10-GM codeset was 97.6% and 94.8% for stroke in validation studies.¹⁵ A validation study for acute myocardial infarction conducted in our group showed a PPV of 97.7%.

Bleeding-related hospitalizations are identified based on an algorithm developed in US claims data, which was translated into German coding systems (ICD-10-GM, OPS) by a clinician.¹⁶ The events identified as probable bleeds showed a PPV of 89%, while the events identified as probable/possible bleeds showed a PPV of 99% in the validation study and a sensitivity of 93% for bleeds with hospitalization.¹⁷

6.4.3 Context and rationale for follow up

To assess quarterly age- and sex-standardized event rates, 1-year cumulative incidences were calculated.

Table 2. Operational Definitions of Follow Up

Follow up start	Day 1	
Follow up end¹	Select all that apply	Specify
Date of outcome	Yes	
Date of death	Yes	Part of the outcome (MACE). Yes for bleeding-related hospitalization.
End of observation in data	Yes	
Day X following index date (specify day)	Yes	Day 365.
End of study period (specify date)	No	
End of exposure (specify operational details, e.g. stockpiling algorithm, grace period)	No	
Date of add to/switch from exposure (specify algorithm)	No	
Other date (specify)	No	

¹ Follow up ends at the first occurrence of any of the selected criteria that end follow up.

6.4.4 Context and rationale for patient characteristics (e.g. risk factors, comorbidities, comedications)

We identified a series of patient characteristics that were deemed relevant to describe the cohort. These include demographics, comorbidities, comedications, healthcare utilization.

Table 3. Operational Definitions of patient characteristics

Characteristics	Details	Type of variable	Assessment window	Care Settings ¹	Code Type ²	Diagnosis Position ³	Applied to study populations:	Measurement characteristics / validation	Source for algorithm
Demographics									
Age	Cohort entry year – year of birth, Levels: 18-44, 45-64, 65-85, >85	Categorical	[0, 0]	N/A	N/A	N/A	Exposure: P2Y12 inhibitors	N/A	N/A
Gender	Male, Female (last observed value in the baseline)	Categorical	[0, 0]	N/A	N/A	N/A	Exposure: P2Y12 inhibitors	N/A	N/A
STEMI at encounter	Distinct STEMI diagnosis codes only available in ICD-10	Binary	[-30, 0]	IP	ICD-10-GM, ICD-10-CM	Main	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Treatment including PCI		Binary	[-30, 0]	IP	OPS, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Treatment including CABG		Binary	[-30, 0]	IP	OPS, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
P2Y12i fill within 7 days (Acute MI inclusion codes)		Binary	[-7, 0]	IP	ICD-10-GM, ICD-10-CM, ICD-9-CM	Main	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Initial P2Y12 inhibitor									

Characteristics	Details	Type of variable	Assessment window	Care Settings ¹	Code Type ²	Diagnosis Position ³	Applied to study populations:	Measurement characteristics / validation	Source for algorithm
Clopidogrel		Binary	[0, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Prasugrel		Binary	[0, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Ticagrelor		Binary	[0, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Comorbidities									
Hypertension		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Diabetes type 2		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Hyperlipidemia		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Smoking/Tobacco use		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes

Characteristics	Details	Type of variable	Assessment window	Care Settings ¹	Code Type ²	Diagnosis Position ³	Applied to study populations:	Measurement characteristics / validation	Source for algorithm
Atrial fibrillation		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Heart failure		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Ischemic stroke		Binary	[-365, 0]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
History of any MI		Binary	[-365, -31]	Any	ICD-10-GM, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
History of any PCI		Binary	[-365, -31]	Any	OPS, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
History of any CABG		Binary	[-365, -31]	Any	OPS, ICD-10-CM, ICD-9-CM	Any	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Comedication									
ACEi/ARB		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes

Characteristics	Details	Type of variable	Assessment window	Care Settings ¹	Code Type ²	Diagnosis Position ³	Applied to study populations:	Measurement characteristics / validation	Source for algorithm
Beta-blockers		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Statins		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
Insulins		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
DOAC		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes
VKA		Binary	[-365, 0]	N/A	ATC, Generic	N/A	Exposure: P2Y12 inhibitors	N/A	Investigator reviewed codes

¹IP = inpatient, OP = outpatient, OT = other, n/a = not applicable

² See appendix for listing of clinical codes for each study parameter

³ Specify whether a diagnosis code is required to be in the primary position (main reason for encounter)

STEMI ST-Elevation myocardial infarction; PCI Percutaneous coronary intervention; CABG Coronary artery bypass grafting; ACEi/ARB Angiotensin-converting enzyme inhibitor/Angiotensin II receptor blocker; DOAC Direct oral anticoagulants; VKA Vitamin K antagonists.

6.5 Data analysis

6.5.1 Context and rationale for analysis plan

Table 4. Analysis specifications

A. Population-level trends in use of P2Y12 inhibitors

Hypothesis:	We hypothesize that, in parallel with the evolving evidence base and updated guideline recommendations by the AHA/ACC and ESC, the proportions of patients treated with clopidogrel, ticagrelor, and prasugrel changed substantially from 2011 to 2024 in Germany and the US.
Exposure:	Initiation of clopidogrel, ticagrelor, or prasugrel.
Outcome:	Age- and sex-standardized proportions of clopidogrel, ticagrelor, and prasugrel initiators over time.
Analytic software:	Aetion Evidence Platform (2026), RStudio, R4.2.3 / 4.4.2, Microsoft SQL Server Management Studio 19.
Model(s): (provide details or code)	Direct age- and sex- standardization to the US myocardial infarction population is performed. ²⁰
Confounding adjustment method	<i>Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.</i>
	N/A.
Missing data methods	<i>Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.</i>
	Individuals with missing age/gender information (needed for standardization) were excluded from the cohort.
Subgroup Analyses	<i>List all subgroups</i>
	N/A.

B. Population-level trends in costs of P2Y12 inhibitors

Hypothesis:	We hypothesize that, in parallel with generic market entry and changing market competition, consumer price index-adjusted 12-month treatment costs of clopidogrel, ticagrelor, and prasugrel changed substantially between 2011 and 2024 in Germany and the US. We further hypothesize that clopidogrel had the lowest adjusted treatment costs because of earlier and broader generic availability, whereas ticagrelor and prasugrel had higher treatment costs during periods of brand-name exclusivity or limited generic competition.
Exposure:	Outpatient dispensing of clopidogrel, ticagrelor, or prasugrel.

Outcome:	Consumer price index-adjusted net 12-month costs of clopidogrel, ticagrelor, and prasugrel over time.
Analytic software:	RStudio, R4.2.3 / 4.4.2, Microsoft SQL Server Management Studio 19.
Model(s): (provide details or code)	<p>For Germany, medication prices per tablet will be determined based on the mean net prescription-level cost provided by BARMER for the standard dose of each respective medication. After drugs became generically available only those were used for the calculation. To enable comparability over time, annual mean costs will be inflation-adjusted to 2024 values using the German Consumer Price Index.²¹ The resulting 2024-adjusted Euro amounts will be then converted to US dollars using the average EUR/USD exchange rate for 2024 (1 EUR = 1, 08 USD).²²</p> <p>For the US, brand-name medication prices per tablet come from SSR Health and generic medication will be calculated from CMS National Average Drug Acquisition Cost (NADAC).^{23,24} To enable comparability over time, annual mean costs will be inflation-adjusted to 2024 values using the US Consumer Price Index.²⁵ In general, before generic availability SSR Health brand name prices are shown, after that, NADAC prices are shown. For the quarter when generic availability started, both are shown.</p>
Confounding adjustment method	<i>Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.</i>
	N/A.
Missing data methods	<i>Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.</i>
	CMS NADAC are only available from 2013 on. Missing values are imputed by NOCB (Next observation carried backward) imputation..
Subgroup Analyses	<i>List all subgroups</i>
	N/A.

C. Population-level trends in adverse events

Hypothesis:	We hypothesize that, in parallel with changing P2Y12 inhibitor utilization in clinical practice, age- and sex-standardized population-level risks of MACE and bleeding-related hospitalizations did not result in a clinically relevant adverse temporal signal between 2011 and 2023 in Germany.
Exposure contrast:	Initiation of clopidogrel, ticagrelor, or prasugrel.
Outcome:	Quarterly age- and sex-standardized 1-year cumulative incidence of MACE and bleeding-related hospitalizations over time. Analyses will be conducted separately for each outcome.
Analytic software:	Aetion Evidence Platform (2026), RStudio, R4.2.3 / 4.4.2, Microsoft SQL Server Management Studio 19.

Model(s): (provide details or code)	Temporal trends in outcome occurrence were assessed quarterly using the standardized cumulative incidence estimated as 1 minus the Kaplan–Meier survival estimate. The quarterly estimates were standardized to the age- and sex-distribution of the overall cohort. Segmented linear regression of interrupted time series is used to model trends in outcome events from Q1 2011 to Q3 2019, and from Q4 2020 to Q4 2023. Level and slope changes are reported to describe outcome trends. Hospitalizations were considered bleeding-related hospitalization based on prior published algorithms ^{16,17} , if: <ul style="list-style-type: none"> - Main diagnosis indicated bleeding - Main diagnosis may indicate bleeding and secondary diagnosis indicating bleeding matches site (intracranial, gastrointestinal, genitourinary, other) - Main diagnosis may indicate bleeding and blood transfusion was administered
Confounding adjustment method	<i>Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.</i>
	N/A.
Missing data methods	<i>Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.</i>
	Assumption that if no relevant claims diagnoses/procedures are present, the condition is not present.
Subgroup Analyses	<i>List all subgroups</i>
	N/A.

D. Drug cost saving estimation US population

Hypothesis:	We hypothesize that, following evidence supporting prasugrel over ticagrelor, substitution of ticagrelor with prasugrel in clinical practice in the US would have been associated with substantial savings in drug treatment costs.
Exposure:	Observed outpatient ticagrelor treatment and a counterfactual substitution scenario in which ticagrelor is replaced with prasugrel when clinically appropriate.
Outcome:	Estimated population-level drug cost savings associated with replacement of ticagrelor with prasugrel in clinical practice in the US.
Analytic software:	RStudio, R4.2.3 / 4.4.2.
Model(s): (provide details or code)	Underlying calculation is provided in the Appendix.

Confounding adjustment method	Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.
	N/A.
Missing data methods	Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.
	N/A.
Subgroup Analyses	List all subgroups
	N/A.

E. Industry payments associated with ticagrelor and prasugrel in the US

Hypothesis:	We hypothesize that, industry payments by the ticagrelor and prasugrel manufacturers differ substantially in magnitude and distribution between 2013 and 2024 in the US.
Exposure:	Industry payments associated with ticagrelor or prasugrel listed as the primary associated drug.
Outcome:	Cumulative general and research industry payments associated with ticagrelor and prasugrel from 2013 onward.
Analytic software:	RStudio, R4.2.3 / 4.4.2.
Model(s): (provide details or code)	N/A.
Confounding adjustment method	Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.
	N/A.
Missing data methods	Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.
	N/A.
Subgroup Analyses	List all subgroups
	N/A.

F. Association between industry payments and prescription behavior

Hypothesis:	To evaluate the association between ticagrelor-associated industry payments by the ticagrelor manufacturing companies received by US providers in 2020 and 2021 and subsequent ticagrelor prescribing patterns among ticagrelor and prasugrel prescribers in 2022 and 2023.
Exposure:	Sum of ticagrelor-associated general industry payments received during baseline years (2020–2021), categorized as \$0, \$1-250, and >\$250.
Outcome:	Ticagrelor prescribing share among combined ticagrelor and prasugrel claims during outcome years (2022–2023), categorized as low (<20%), medium (20–80%), and high (>80%).
Analytic software:	RStudio, R4.2.3 / 4.4.2.
Model(s): (provide details or code)	Multinomial logistic regression model.
Confounding adjustment method	Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.
	Potential confounding variables were included in the multinomial logistic regression model.
Missing data methods	Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.
	N/A.
Subgroup Analyses	List all subgroups
	N/A.

G. Association between patient characteristics and ticagrelor vs prasugrel initiation after 2019

Hypothesis:	To evaluate the association between patient characteristics and the initiation of ticagrelor vs prasugrel in Germany and the US after prasugrel's superiority was shown.
Exposure:	Initiation of ticagrelor or prasugrel.
Outcome:	Association between patient characteristics and ticagrelor vs prasugrel initiation
Analytic software:	Aetion Evidence Platform (2026), RStudio, R4.2.3 / 4.4.2, Microsoft SQL Server Management Studio 19.
Model(s): (provide details or code)	Modified Poisson regression models adjusted for patient characteristics.
Confounding adjustment method	Name method and provide relevant details, e.g. bivariate, multivariable, propensity score matching (specify matching algorithm ratio and caliper), propensity score weighting (specify weight formula, trimming, truncation), propensity score stratification (specify strata definition), other.
	Patient characteristics were included in the model.

Missing data methods	Name method and provide relevant details, e.g. missing indicators, complete case, last value carried forward, multiple imputation (specify model/variables), other.
	Assumption that if no relevant claims diagnoses/procedures are present, the condition is not present.
Subgroup Analyses	List all subgroups
	N/A.

Table 5. Sensitivity analyses – rationale, strengths and limitations

N/A.

6.6 Data sources

6.6.1 Context and rationale for data sources

Reason for selection: The study was conducted in one German statutory health insurance database and two US commercial health care claims databases: BARMER Krankenkasse Scientific Data Warehouse / Wissenschafts-Data-Warehouse (WDWH) (2011–2024), Optum Clinformatics (2011–2024), and Merative MarketScan (2011–2024). BARMER is one of the largest statutory health insurances in Germany, covering 8.54 million insured individuals in 2024, and its WDWH provides access to a large pseudonymized longitudinal claims data resource for health services research.²⁶ Strengths of data source(s): Each data source contains deidentified or pseudonymized, longitudinal, date-stamped information on patient enrollment, demographics, inpatient and outpatient diagnoses and procedures, admission and discharge dates, and outpatient medication dispensation. The BARMER WDWH allows longitudinal linkage of pseudonymized individual-level data across major sectors of the German statutory health insurance system, including outpatient and inpatient care, reimbursed outpatient prescriptions, remedies and aids, rehabilitation, nursing care, sickness absence, and core insured-person characteristics. In contrast to the US employer-based claims databases, BARMER data arise from the German statutory health insurance system, which covers almost 90% of the German population, although BARMER itself represents only one statutory health insurance and not all German residents.²⁷ BARMER captures death information from official documentation such as death certificates or medical death certificates, automated notifications from pension insurance providers, employer reporting procedures, hospitals, electronic civil registry inquiries, and informal reports such as phone calls or emails. The death data in the Optum database are captured from inpatient discharge status, the Social Security Death Master File, and deaths scraped from obituaries or other sources. The death data in MarketScan are captured from the Social Security Death Master File and inpatient discharge status. While this data resource has undercaptured deaths since 2011, the capture of deaths is not expected to be differential as the study period only starts in 2011.

Limitations of data source(s): Patient healthcare encounters are only observable while individuals are enrolled in a participating insurance plan or, while they are insured with BARMER. Patients may change insurance plans for multiple reasons. Both Optum Clinformatics and Merative MarketScan are primarily employer-based insurance databases where patients may disenroll with job changes. In BARMER, disenrollment is less directly tied to employment but may occur if individuals switch to another statutory health insurance, move to private health insurance, leave Germany, or die. Because BARMER represents one statutory health insurance fund, findings may not fully generalize to privately insured individuals or to all members of other statutory health insurances; additionally, the regional distribution of BARMER-insured individuals may differ across German federal states. In claims

data, dispensing data for inpatient medication are unavailable or incompletely captured as patient-level dispensation records. Diagnoses reflect billing practices; therefore, algorithms, preferably validated, are needed for accurate phenotyping of patient conditions. Services that are not covered by insurance, privately paid services, and over-the-counter medications do not appear in the data.

Data source provenance/curation: Information about BARMER Krankenkasse WDW, Optum Clinformatics and Merative MarketScan can be found in data dictionaries and user guides that are provided to clients.

Table 6. Metadata about data sources and software

	Data 1	Data 2	Data 3
Data Source(s):	BARMER Krankenkasse WDW (statutory health insurance)	Optum Clinformatics	Merative Marketscan
Study Period:	1 st Jan 2005-31 st Dec 2024	1 st Jan 2004-31 st Dec 2024	31 st Dec 2012-31 st Dec 2024
Eligible Cohort Entry Period:	1 st Jan 2011-31 st Dec 2024	1 st Jan 2011-31 st Dec 2024	1 st Jan 2011-31 st Dec 2024
Data Version (or date of last update):	May 2026	April 2025	Mortality Cut Set A Received 2025-05-01
Data sampling/extraction criteria:	N/A	N/A	N/A
Type(s) of data:	German administrative healthcare claims	US administrative healthcare claims	US administrative healthcare claims
Data linkage:	N/A	N/A	N/A
Conversion to CDM*:	N/A	N/A	N/A
Software for data management:	Microsoft SQL Server Management Studio 19, RStudio	Aetion Evidence Platform® (2026), RStudio	Aetion Evidence Platform® (2026), RStudio

*CDM = Common Data Model

6.7 Data management

German data

Data is accessed through BARMER's Scientific Data Warehouse (Wissenschafts-Data-Warehouse, WDWH), a dedicated research environment for statutory health insurance claims data. BARMER provides researchers access to a pseudonymized data resource covering approximately 8.6 million insured individuals through controlled terminal access. The WDWH is a research environment separated from BARMER's operational data warehouse, with data made available for scientific use only after privacy-preserving processing and reduction to the variables required for the approved research purpose. Access is therefore governed by BARMER's internal data protection, information security, and research governance procedures, as well as applicable German and EU data protection requirements. BARMER emphasizes responsible handling of health data, including data protection and information security expectations for internal and external partners. Analyses are performed within the controlled BARMER/WDWH environment, and data extraction or export is restricted to approved, non-identifying analytical outputs.

US data

Tracking data: The Data Use Agreement (DUA) Custodian (Principal Investigator) and the Division Operations Manager (Winta Tekle) are responsible for receiving and creating a record of new data associated with the given request. The Operations Manager is responsible for all indexing and archiving of documents and electronic media related to data that the Division receives and will log data location, data contents, and associated DUA and Institutional Review Board (IRB) numbers in the Division's centralized tracking system.

Handling and storage: In-scope data will be stored utilizing Mass General Brigham approved information systems – i.e., Division servers and Mass General Brigham network storage.

Archiving: Data retention and any removal will be executed by the Division Operations Manager (Winta Tekle) and Data Manager (Todd MacGarvey). The Division follows Mass General Brigham enterprise record retention policies and follows the terms of the agreement through which the in-scope data was received.

Information security: The Division follows Mass General Brigham's Enterprise Information Security Program (EISP). The EISP helps by providing assurance that Mass General Brigham information and information systems are protected from unauthorized access, use, disclosure, duplication, modification, or destruction in order to maintain their confidentiality, integrity, and availability. To that end, the EISP policies, standards and procedures create an information security framework that is aligned with the recommendations of the International Organization for Standardization's (ISO) publication 27001 and the National Institute of Standards and Technology's (NIST) publication 800-53 Family of Controls and MGB regulatory and legal requirements (as a HIPAA covered entity).

Mass General Brigham workforce members are required to complete new workforce privacy and information security training upon hire and annually thereafter. Refresh training is provided as appropriate. Mass General Brigham workforce members are required to review and sign a Confidentiality Agreement upon hire and annually thereafter. Additionally, we follow Enterprise Information Security and Privacy policies, including Managing Workforce Members Information Security Responsibilities Policy, which was developed to help assure that Mass General Brigham workforce members are competent and eligible to support the information security responsibilities associated with their role. Mass General Brigham workforce, including Division staff, are required to comply with Enterprise Information Security and Privacy Policies.

Facilities: The research team uses a highly secure, state-of-the-art, computing facility housed at Mass General Brigham's Corporate Data Centers in Needham and Marlborough, Massachusetts as well as Amazon Web Services (AWS). We maintain redundant storage for maximal data integrity and high-speed data access.

The Division uses Mass General Brigham corporate provisioned servers to analyze and store data in connection with this project. There are strict access controls enforced by technical means to ensure that only study staff who have been approved to conduct data analyses and contracted data engineers are able to access data (e.g., Mass General Brigham Authentication (Active Directory) utilized; auditing, logging, and monitoring enabled; firewalls enabled; etc.). All Division servers used in this study are accessible to authorized staff only through the MGB network and utilizing VPN as appropriate (i.e., users must be on the network and logged into VPN to access). Mass General Brigham has a network information security monitoring team and in-scope servers are enrolled in enterprise security tools (e.g., vulnerability scanning service, antivirus, etc.).

The Division also uses AWS. In-scope AWS services / resources have undergone review and assessment by Mass General Brigham's Information Security Risk Assessment Team/ InfoSec Risk Management Team as required and in alignment with NIST 800-30: Guide for Conducting Risk Assessments. In-scope AWS servers are for our exclusive use (reserved instances), are covered under our organization's Business Associate Agreement with AWS. In-scope servers are housed in anonymous facilities that are not branded as AWS facilities. Physical access is strictly controlled both at the perimeter and at building ingress points by professional security staff utilizing video surveillance, intrusion detection systems, and other electronic means.

Security attributes and controls for the Division's use of in-scope AWS in connection with this project include: encryption at rest and in transit (industry standard AES-256 encryption, SSL/TSL), anti-malware, latest OS updates and patches as well as anti-virus; multi-factor authentication (MFA), Identity and Access Management, including SSO; auditing and logging; principle of least privilege, including for traffic and ports (e.g., deny all default configurations), use of VPC enabled Step functions, etc.; separation between environments; minimum necessary (out of the box AWS roles are not used as they can be overly permissive); all data would reside in the US domestic regions – use only US east HIPAA compliant region; performance monitoring enabled and reviewed as per internal processes; passwords compliant with enterprise password policy and, as appropriate, more protective password requirements; etc. Our Division's AWS use is also subject to ongoing evaluation and monitoring as well – e.g., vulnerability scanning and management, access review, etc.

A data file list will be maintained in Amazon S3 and tracked through Cloudtrail and Cloudwatch. Reporting of data file availability for any file stored in an S3 bucket will be controlled by MGB.

Amazon EC2, Amazon EBS, and Amazon VPC are integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in Amazon EC2, Amazon EBS, and Amazon VPC. CloudTrail captures all API calls for Amazon EC2, Amazon EBS, and Amazon VPC as events, including calls from the console and from code calls to the APIs. MGB IT/security staff have full access to CloudTrail to ensure that CloudTrail monitoring is available at all times. Amazon CloudWatch Events delivers a near-real-time stream of system events that describe changes in AWS resources. Amazon CloudTrail can log, continuously monitor, and retain account activity related to actions across the MGB AWS infrastructure. CloudTrail provides event history of MGB AWS account activity. This event history simplifies security analysis, resource change tracking, and troubleshooting and complies with requirements to ensure the data file inventory is controlled by MGB.

Backups: Backups are created using industry recognized Cryptographic mechanisms (e.g., 256-bit AES encryption) as appropriate and required. Data are backed up within the MGB network from the MGB Needham data center to the MGB Marlborough data center via replication/mirroring and volume-level snapshots. AWS Backup supports both instance-level backups as Amazon Machine Images (AMIs) and volume-level backups as separate snapshots based on the resource tags. AMIs allow MGB IT and security staff to create backups of all S3 and EC2 instances. This backup approach allows elimination of EC2 instances when access to CMS data files is no longer needed. Use of temporary instances will allow highest security control to be applied regarding for whom and when CMS data files are accessible.

In addition to the safeguards listed above, the Division follows enterprise privacy and information security policies and maintains internally procedures in connection with this project to safeguard the data in connection with this project as appropriate and required including: Physical Security and Environmental Controls for Electronic Information Policy; IT Access Control Standards for Users policy; Safeguarding Fax Copiers Printers Telephone Use and Pagers; Physical Removal and Transport of Protected Health Information and Personal Information policy, etc.

6.8. Quality control

Senior Programmers and Research Specialists perform QA/QC on raw or common data model converted data via R/Aetion software. Team members reviewed code lists to ensure fidelity to intended algorithms.

6.9. Study size and feasibility

N/A.

7. Limitation of the methods

As we are using secondary data and the data were not collected for research, some important variables may not be collected or will be measured imperfectly. We have selected validated algorithms when possible and we have created proxies for important variables that are not directly captured in the data.

8. Protection of human subjects

This study has been approved by the Brigham and Women's Hospital Institutional Review Board (2026P000854) as well as the Technische Universität München Institutional Review Board (2026-235-S-CT).

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10. Appendices

See accompanying excel files that specify the cohort study.

1 Patient-level cohort GER/US

1a Overview GER/US

1b/c Inclusion codes GER/US

1d/e Covariates codes GER/US

1f Adverse Events codes GER

2 Cost analysis

2a Overview US

2b Clopidogrel US

2c Ticagrelor US

2d Prasugrel US

2e Overview GER

2f Codes GER

3 Savings analysis (US)

3a Overview

3b Calculation

3c Codes

4 Prescribing analysis (US)

4a Overview

4b Definitions

Appendices	
1	Patient-level cohort GER/US
1a	Overview GER/US
1b/c	Inclusion codes GER/US
1d/e	Covariates codes GER/US
1f	Adverse Events codes GER
2	Cost analysis
2a	Overview US
2b	Clopidogrel US
2c	Ticagrelor US
2d	Prasugrel US
2e	Overview GER
2f	Codes GER
3	Savings analysis US
3a	Overview
3b	Calculation
3c	Codes
4	Prescribing analysis US
4a	Overview
4b	Definitions

	Criterion	Operationalization in German national claims (BARMER)	Operationalization in US commercial claims (Optum, Marketscan)	Notes
Exposure	Outpatient initiation of either Clopidogrel, Ticagrelor or Prasugrel	Code type: RX Care setting: N/A Washout window: [-365, -1] Incident with respect to: Clopidogrel, ticagrelor and prasugrel prescription fill Assessment window: N/A Source of algorithm: N/A Measurement characteristics: N/A	Code type: RX Care setting: N/A Washout window: [-365, -1] Incident with respect to: Clopidogrel, ticagrelor and prasugrel prescription fill Assessment window: N/A Source of algorithm: N/A Measurement characteristics: N/A	Initiation of more than one out of the the three drugs leads to exclusion
Outcome 1	All-cause mortality	Code type: N/A Care setting: N/A Diagnosis type: N/A Washout window: N/A Source of algorithm: N/A Measurement characteristics: BARMER captures death information from official documentation such as death certificates or medical death certificates, automated notifications from pension insurance providers, employer reporting procedures, or hospitals, electronic civil registry inquiries, and informal reports such as phone calls or emails.	N/A	
Outcome 2	Major adverse cardiovascular events (Composite of all-cause mortality, myocardial infarction and stroke)	Code type: DX Care setting: Inpatient Diagnosis type: Main Washout window: N/A Source of algorithm: Validation of Algorithms to Identify Acute Myocardial Infarction, Stroke, and Cardiovascular Death in German Health Insurance Data Measurement characteristics: Myocardial Infarction (ICD-10-GM) PPV 97.6% Ischemic Stroke (ICD-10-GM) PPV 98.3%	N/A	
Outcome 3	Bleeding-related hospitalization	Code type: DX, PX Care setting: Inpatient Diagnosis type: Any Washout window: N/A Source of algorithm: Codes (translated to ICD-10-GM) based on Association of Rivaroxaban vs Apixaban With Major Ischemic or Hemorrhagic Events in Patients With Atrial Fibrillation An automated database case definition for serious bleeding related to oral anticoagulant use. Bleeding-related hospitalization is defined as a hospitalization with: - Main diagnosis indicated bleeding - Main diagnosis may indicate bleeding and secondary diagnosis indicating bleeding matches site (intracranial, gastrointestinal, genitourinary, other) - Main diagnosis may indicate bleeding and blood transfusion was administered Measurement characteristics: The events identified as probable bleeds showed a PPV of 89%, while the events identified as probable/possible bleeds showed a PPV of 99%.	N/A	
Follow up start		One day after initiation of outpatient treatment with clopidogrel, ticagrelor or prasugrel	N/A	
Inclusion criteria				
	1 Sufficient claims enrollment	Applied before/after selection of index date: After Assessment window: [-365; 0] Code type: N/A Care setting: N/A Diagnosis type: N/A Source of algorithm: N/A Measurement characteristics: N/A	Applied before/after selection of index date: After Assessment window: [-365; 0] Code type: N/A Care setting: N/A Diagnosis type: N/A Source of algorithm: N/A Measurement characteristics: N/A	

		Applied before/after selection of index date: After Assessment window: [0; 0] Code type: N/A Care setting: N/A Diagnosis type: N/A Source of algorithm: N/A Measurement characteristics: N/A	Applied before/after selection of index date: After Assessment window: [0; 0] Code type: N/A Care setting: N/A Diagnosis type: N/A Source of algorithm: N/A Measurement characteristics: N/A	
2	Age ≥ 18			
	Hospitalization for an acute myocardial infarction (non-ST-segment elevation myocardial infarction, or ST-segment elevation myocardial infarction)	Applied before/after selection of index date: After Assessment window: [-30; 0] Code type: DX Care setting: Inpatient Diagnosis type: Main Source of algorithm: Validation of Algorithms to Identify Acute Myocardial Infarction, Stroke, and Cardiovascular Death in German Health Insurance Data Measurement characteristics: Myocardial Infarction (ICD-10-GM) PPV 97,6%	Applied before/after selection of index date: After Assessment window: [-30; 0] Code type: DX Care setting: Inpatient Diagnosis type: Main Source of algorithm: Validation of claims-based diagnostic and procedure codes for cardiovascular and gastrointestinal serious adverse events in a commercially-insured population. Accuracy of Medicare claims-based diagnosis of acute myocardial infarction: estimating positive predictive value on the basis of review of hospital records Measurement characteristics: PPV for MI using ICD-9-CM codes was 88.4% and 94% ICD-9-CM codes were mapped to ICD-10-CM, but no validation study was performed.	Discharge date is used to assess this criterion
3				

	Code	Name	Code_category	Code_type	Notes
Exposure	B01AC04	Clopidogrel	RX	ATC	
Exposure	B01AC34	Clopidogrel und Acetylsalicylsaeure	RX	ATC	
Exposure	B01AC22	Prasugrel	RX	ATC	
Exposure	B01AC24	Ticagrelor	RX	ATC	
3	I21	Akuter Myokardinfarkt	DX	ICD-10-GM	
3	I210	Akuter transmuraler Myokardinfarkt der Vorderwand	DX	ICD-10-GM	
3	I211	Akuter transmuraler Myokardinfarkt der Hinterwand	DX	ICD-10-GM	
3	I212	Akuter transmuraler Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	
3	I213	Akuter transmuraler Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	
3	I214	Akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	
3	I2140	Akuter subendokardialer Myokardinfarkt, Typ-1-Infarkt	DX	ICD-10-GM	
3	I2141	Akuter subendokardialer Myokardinfarkt, Typ-2-Infarkt	DX	ICD-10-GM	
3	I2148	Sonstiger und nicht naeher bezeichneter akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	
3	I219	Akuter Myokardinfarkt, nicht naeher bezeichnet	DX	ICD-10-GM	
3	I22	Rezidivierender Myokardinfarkt	DX	ICD-10-GM	
3	I220	Rezidivierender Myokardinfarkt der Vorderwand	DX	ICD-10-GM	
3	I221	Rezidivierender Myokardinfarkt der Hinterwand	DX	ICD-10-GM	
3	I228	Rezidivierender Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	
3	I229	Rezidivierender Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	

Number	Code	Name	Code_category	Code_type	Notes
Exposure	CLOPIDOGREL BISULFATE	Clopidogrel	RX	Generic	
Exposure	PRASUGREL HCL	Prasugrel	RX	Generic	
Exposure	TICAGRELOR	Ticagrelor	RX	Generic	
3	410	ACUTE MYOCARDIAL INFARCTION	DX	ICD-9-CM	
3	410.0	ACUTE MYOCARDIAL INFARCTION OF ANTEROLATERAL WALL	DX	ICD-9-CM	
3	410.00	ACUTE MYOCARDIAL INFARCTION OF ANTEROLATERAL WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.01	ACUTE MYOCARDIAL INFARCTION OF ANTEROLATERAL WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.02	ACUTE MYOCARDIAL INFARCTION OF ANTEROLATERAL WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.1	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL	DX	ICD-9-CM	
3	410.10	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.11	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.12	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.2	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL	DX	ICD-9-CM	
3	410.20	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.21	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.22	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.3	ACUTE MYOCARDIAL INFARCTION OF INFEROPOSTERIOR WALL	DX	ICD-9-CM	
3	410.30	ACUTE MYOCARDIAL INFARCTION OF INFEROPOSTERIOR WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.31	ACUTE MYOCARDIAL INFARCTION OF INFEROPOSTERIOR WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.32	ACUTE MYOCARDIAL INFARCTION OF INFEROPOSTERIOR WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.4	ACUTE MYOCARDIAL INFARCTION OF OTHER INFERIOR WALL	DX	ICD-9-CM	
3	410.40	ACUTE MYOCARDIAL INFARCTION OF OTHER INFERIOR WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.41	ACUTE MYOCARDIAL INFARCTION OF OTHER INFERIOR WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.42	ACUTE MYOCARDIAL INFARCTION OF OTHER INFERIOR WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.5	ACUTE MYOCARDIAL INFARCTION OF OTHER LATERAL WALL	DX	ICD-9-CM	
3	410.50	ACUTE MYOCARDIAL INFARCTION OF OTHER LATERAL WALL EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.51	ACUTE MYOCARDIAL INFARCTION OF OTHER LATERAL WALL INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.52	ACUTE MYOCARDIAL INFARCTION OF OTHER LATERAL WALL SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.8	ACUTE MYOCARDIAL INFARCTION OF OTHER SPECIFIED SITES	DX	ICD-9-CM	
3	410.80	ACUTE MYOCARDIAL INFARCTION OF OTHER SPECIFIED SITES EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.81	ACUTE MYOCARDIAL INFARCTION OF OTHER SPECIFIED SITES INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.82	ACUTE MYOCARDIAL INFARCTION OF OTHER SPECIFIED SITES SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	410.9	ACUTE MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-9-CM	
3	410.90	ACUTE MYOCARDIAL INFARCTION OF UNSPECIFIED SITE EPISODE OF CARE UNSPECIFIED	DX	ICD-9-CM	
3	410.91	ACUTE MYOCARDIAL INFARCTION OF UNSPECIFIED SITE INITIAL EPISODE OF CARE	DX	ICD-9-CM	
3	410.92	ACUTE MYOCARDIAL INFARCTION OF UNSPECIFIED SITE SUBSEQUENT EPISODE OF CARE	DX	ICD-9-CM	
3	I21	ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM	
3	I21.0	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF ANTERIOR WALL	DX	ICD-10-CM	
3	I21.01	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT MAIN CORONARY ARTERY	DX	ICD-10-CM	
3	I21.02	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT ANTERIOR DESCENDING CORONARY ARTERY	DX	ICD-10-CM	
3	I21.09	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER CORONARY ARTERY OF ANTERIOR WALL	DX	ICD-10-CM	
3	I21.1	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF INFERIOR WALL	DX	ICD-10-CM	
3	I21.11	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING RIGHT CORONARY ARTERY	DX	ICD-10-CM	

3	I21.19	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER CORONARY ARTERY OF INFERIOR WALL	DX	ICD-10-CM	
3	I21.2	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF OTHER SITES	DX	ICD-10-CM	
3	I21.21	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT CIRCUMFLEX CORONARY ARTERY	DX	ICD-10-CM	
3	I21.29	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER SITES	DX	ICD-10-CM	
3	I21.3	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-10-CM	
3	I21.4	NON-ST ELEVATION (NSTEMI) MYOCARDIAL INFARCTION	DX	ICD-10-CM	
3	I21.9	ACUTE MYOCARDIAL INFARCTION, UNSPECIFIED	DX	ICD-10-CM	
3	I21.A	OTHER TYPE OF MYOCARDIAL INFARCTION	DX	ICD-10-CM	
3	I21.A1	MYOCARDIAL INFARCTION TYPE 2	DX	ICD-10-CM	
3	I21.A9	OTHER MYOCARDIAL INFARCTION TYPE	DX	ICD-10-CM	
3	I21.B	MYOCARDIAL INFARCTION WITH CORONARY MICROVASCULAR DYSFUNCTION	DX	ICD-10-CM	
3	I22	SUBSEQUENT ST ELEVATION (STEMI) AND NON-ST ELEVATION (NSTEMI) MYOCARDIAL INFARCTION	DX	ICD-10-CM	
3	I22.0	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF ANTERIOR WALL	DX	ICD-10-CM	
3	I22.1	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF INFERIOR WALL	DX	ICD-10-CM	
3	I22.2	SUBSEQUENT NON-ST ELEVATION (NSTEMI) MYOCARDIAL INFARCTION	DX	ICD-10-CM	
3	I22.8	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF OTHER SITES	DX	ICD-10-CM	
3	I22.9	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-10-CM	

Covariate	Code	Name	Code_category	Code_type	Notes
STEMI	I21.0	Akuter transmuraler Myokardinfarkt der Vorderwand	DX	ICD-10-GM	
STEMI	I21.1	Akuter transmuraler Myokardinfarkt der Hinterwand	DX	ICD-10-GM	
STEMI	I21.2	Akuter transmuraler Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	
STEMI	I21.3	Akuter transmuraler Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	
PCI	8-837.0	Ballon-Angioplastie	PX	OPS	
PCI	8-837.00	Eine Koronararterie	PX	OPS	
PCI	8-837.01	Mehrere Koronararterien	PX	OPS	
PCI	8-837.1	Laser-Angioplastie	PX	OPS	
PCI	8-837.10	Eine Koronararterie	PX	OPS	
PCI	8-837.11	Mehrere Koronararterien	PX	OPS	
PCI	8-837.2	Atherektomie	PX	OPS	
PCI	8-837.20	Eine Koronararterie	PX	OPS	
PCI	8-837.21	Mehrere Koronararterien	PX	OPS	
PCI	8-837.4	Fremdkoerperentfernung	PX	OPS	
PCI	8-837.5	Rotablation	PX	OPS	
PCI	8-837.50	Eine Koronararterie	PX	OPS	
PCI	8-837.51	Mehrere Koronararterien	PX	OPS	
PCI	8-837.6	Selektive Thrombolyse	PX	OPS	
PCI	8-837.60	Eine Koronararterie	PX	OPS	
PCI	8-837.61	Mehrere Koronararterien	PX	OPS	
PCI	8-837.k	Einlegen eines nicht medikamentefreisetzenden Stents	PX	OPS	
PCI	8-837.k0	Ein Stent in eine Koronararterie	PX	OPS	
PCI	8-837.k3	2 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.k4	2 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.k5	3 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.k6	3 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.k7	4 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.k8	4 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.k9	5 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.ka	5 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.kb	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.kc	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.kx	Sonstige	PX	OPS	
PCI	8-837.m	Einlegen eines medikamentefreisetzenden Stents	PX	OPS	
PCI	8-837.m0	Ein Stent in eine Koronararterie	PX	OPS	
PCI	8-837.m1	2 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.m2	2 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.m3	3 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.m4	3 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.m5	4 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.m6	4 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.m7	5 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.m8	5 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.m9	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.ma	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.mx	Sonstige	PX	OPS	

PCI	8-837.w	Einlegen eines beschichteten Stents	PX	OPS	
PCI	8-837.w0	Ein Stent in eine Koronararterie	PX	OPS	
PCI	8-837.w1	2 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.w2	2 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.w3	3 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.w4	3 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.w5	4 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.w6	4 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.w7	5 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.w8	5 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.w9	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
PCI	8-837.wa	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
PCI	8-837.wx	Sonstige	PX	OPS	
PCI	34292	Zuschlag Intervention (PTCA, Stent)	PX	EBM	
PCI	40302	Sachkosten fuer PTCA / Stent an einem GefaeÃŸ bei Koronarangiografie	PX	EBM	
PCI	40304	Sachkosten fuer PTCA / Stent an mehreren GefaeÃŸen bei Koronarangiografie	PX	EBM	
CABG	5-361	Anlegen eines aortokoronaren Bypass	PX	OPS	
CABG	5-361.0	Bypass einfach	PX	OPS	
CABG	5-361.01	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
CABG	5-361.03	Bypass einfach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.05	Bypass einfach : Mit Xenotransplantat	PX	OPS	
CABG	5-361.06	Bypass einfach : Mit Prothese	PX	OPS	
CABG	5-361.07	Bypass einfach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-361.08	Bypass einfach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.0x	Bypass einfach : Sonstige	PX	OPS	
CABG	5-361.1	Bypass zweifach	PX	OPS	
CABG	5-361.21	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
CABG	5-361.13	Bypass zweifach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.15	Bypass zweifach : Mit Xenotransplantat	PX	OPS	
CABG	5-361.16	Bypass zweifach : Mit Prothese	PX	OPS	
CABG	5-361.17	Bypass zweifach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-361.18	Bypass zweifach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.1x	Bypass zweifach : Sonstige	PX	OPS	
CABG	5-361.2	Bypass dreifach	PX	OPS	
CABG	5-361.21	Bypass dreifach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.23	Bypass dreifach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.25	Bypass dreifach : Mit Xenotransplantat	PX	OPS	
CABG	5-361.26	Bypass dreifach : Mit Prothese	PX	OPS	
CABG	5-361.27	Bypass dreifach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-361.28	Bypass dreifach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.2x	Bypass dreifach : Sonstige	PX	OPS	
CABG	5-361.3	Bypass vierfach	PX	OPS	
CABG	5-361.31	Bypass vierfach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.33	Bypass vierfach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.35	Bypass vierfach : Mit Xenotransplantat	PX	OPS	
CABG	5-361.36	Bypass vierfach : Mit Prothese	PX	OPS	
CABG	5-361.37	Bypass vierfach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	

CABG	5-361.38	Bypass vierfach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.3x	Bypass vierfach : Sonstige	PX	OPS	
CABG	5-361.4	Bypass fuenffach	PX	OPS	
CABG	5-361.41	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
CABG	5-361.43	Bypass fuenffach : Mit autogenen Arterien	PX	OPS	
CABG	5-361.45	Bypass fuenffach : Mit Xenotransplantat	PX	OPS	
CABG	5-361.46	Bypass fuenffach : Mit Prothese	PX	OPS	
CABG	5-361.47	Bypass fuenffach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-361.48	Bypass fuenffach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.4x	Bypass fuenffach : Sonstige	PX	OPS	
CABG	5-361.5	Bypass sechsfach oder mehr	PX	OPS	
CABG	5-361.52	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
CABG	5-361.53	Bypass sechsfach oder mehr : Mit autogenen Arterien	PX	OPS	
CABG	5-361.55	Bypass sechsfach oder mehr : Mit Xenotransplantat	PX	OPS	
CABG	5-361.56	Bypass sechsfach oder mehr : Mit Prothese	PX	OPS	
CABG	5-361.57	Bypass sechsfach oder mehr : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-361.58	Bypass sechsfach oder mehr : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
CABG	5-361.5x	Bypass sechsfach oder mehr : Sonstige	PX	OPS	
CABG	5-361.y	N.n.bez.	PX	OPS	
CABG	5-362.0	Bypass einfach, durch Sternotomie	PX	OPS	
CABG	5-362.03	Bypass einfach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.05	Bypass einfach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.06	Bypass einfach, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.07	Bypass einfach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.0x	Bypass einfach, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.1	Bypass einfach, durch Thorakotomie	PX	OPS	
CABG	5-362.13	Bypass einfach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.15	Bypass einfach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.16	Bypass einfach, durch Thorakotomie : Mit Prothese	PX	OPS	
CABG	5-362.17	Bypass einfach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.1x	Bypass einfach, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.2	Bypass einfach, durch Endoskopie	PX	OPS	
CABG	5-362.23	Bypass einfach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.25	Bypass einfach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.26	Bypass einfach, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.27	Bypass einfach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.2x	Bypass einfach, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.3	Bypass zweifach, durch Sternotomie	PX	OPS	
CABG	5-362.33	Bypass zweifach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.35	Bypass zweifach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.36	Bypass zweifach, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.37	Bypass zweifach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.3x	Bypass zweifach, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.4	Bypass zweifach, durch Thorakotomie	PX	OPS	
CABG	5-362.43	Bypass zweifach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.45	Bypass zweifach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.46	Bypass zweifach, durch Thorakotomie : Mit Prothese	PX	OPS	

CABG	5-362.47	Bypass zweifach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.4x	Bypass zweifach, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.5	Bypass zweifach, durch Endoskopie	PX	OPS	
CABG	5-362.53	Bypass zweifach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.55	Bypass zweifach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.56	Bypass zweifach, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.57	Bypass zweifach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.5x	Bypass zweifach, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.6	Bypass dreifach, durch Sternotomie	PX	OPS	
CABG	5-362.63	Bypass dreifach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.65	Bypass dreifach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.66	Bypass dreifach, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.67	Bypass dreifach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.6x	Bypass dreifach, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.7	Bypass dreifach, durch Thorakotomie	PX	OPS	
CABG	5-362.73	Bypass dreifach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.75	Bypass dreifach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.76	Bypass dreifach, durch Thorakotomie : Mit Prothese	PX	OPS	
CABG	5-362.77	Bypass dreifach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.7x	Bypass dreifach, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.8	Bypass dreifach, durch Endoskopie	PX	OPS	
CABG	5-362.83	Bypass dreifach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.85	Bypass dreifach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.86	Bypass dreifach, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.87	Bypass dreifach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.8x	Bypass dreifach, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.9	Bypass vierfach, durch Sternotomie	PX	OPS	
CABG	5-362.93	Bypass vierfach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.95	Bypass vierfach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.96	Bypass vierfach, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.97	Bypass vierfach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.9x	Bypass vierfach, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.a	Bypass vierfach, durch Thorakotomie	PX	OPS	
CABG	5-362.a3	Bypass vierfach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.a5	Bypass vierfach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.a6	Bypass vierfach, durch Thorakotomie : Mit Prothese	PX	OPS	
CABG	5-362.a7	Bypass vierfach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.ax	Bypass vierfach, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.b	Bypass vierfach, durch Endoskopie	PX	OPS	
CABG	5-362.b3	Bypass vierfach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.b5	Bypass vierfach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.b6	Bypass vierfach, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.b7	Bypass vierfach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.bx	Bypass vierfach, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.c	Bypass fuenffach, durch Sternotomie	PX	OPS	
CABG	5-362.c3	Bypass fuenffach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.c5	Bypass fuenffach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	

CABG	5-362.c6	Bypass fuenffach, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.c7	Bypass fuenffach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.cx	Bypass fuenffach, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.d	Bypass fuenffach, durch Thorakotomie	PX	OPS	
CABG	5-362.d3	Bypass fuenffach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.d5	Bypass fuenffach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.d6	Bypass fuenffach, durch Thorakotomie : Mit Prothese	PX	OPS	
CABG	5-362.d7	Bypass fuenffach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.dx	Bypass fuenffach, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.e	Bypass fuenffach, durch Endoskopie	PX	OPS	
CABG	5-362.e3	Bypass fuenffach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.e5	Bypass fuenffach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.e6	Bypass fuenffach, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.e7	Bypass fuenffach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.ex	Bypass fuenffach, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.f	Bypass sechsfach oder mehr, durch Sternotomie	PX	OPS	
CABG	5-362.f3	Bypass sechsfach oder mehr, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.f5	Bypass sechsfach oder mehr, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.f6	Bypass sechsfach oder mehr, durch Sternotomie : Mit Prothese	PX	OPS	
CABG	5-362.f7	Bypass sechsfach oder mehr, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.fx	Bypass sechsfach oder mehr, durch Sternotomie : Sonstige	PX	OPS	
CABG	5-362.g	Bypass sechsfach oder mehr, durch Thorakotomie	PX	OPS	
CABG	5-362.g3	Bypass sechsfach oder mehr, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.g5	Bypass sechsfach oder mehr, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.g6	Bypass sechsfach oder mehr, durch Thorakotomie : Mit Prothese	PX	OPS	
CABG	5-362.g7	Bypass sechsfach oder mehr, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.gx	Bypass sechsfach oder mehr, durch Thorakotomie : Sonstige	PX	OPS	
CABG	5-362.h	Bypass sechsfach oder mehr, durch Endoskopie	PX	OPS	
CABG	5-362.h3	Bypass sechsfach oder mehr, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
CABG	5-362.h5	Bypass sechsfach oder mehr, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
CABG	5-362.h6	Bypass sechsfach oder mehr, durch Endoskopie : Mit Prothese	PX	OPS	
CABG	5-362.h7	Bypass sechsfach oder mehr, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.hx	Bypass sechsfach oder mehr, durch Endoskopie : Sonstige	PX	OPS	
CABG	5-362.x	Sonstige	PX	OPS	
CABG	5-362.x3	Sonstige : Mit autogenen Arterien	PX	OPS	
CABG	5-362.x5	Sonstige : Mit Xenotransplantat	PX	OPS	
CABG	5-362.x6	Sonstige : Mit Prothese	PX	OPS	
CABG	5-362.x7	Sonstige : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
CABG	5-362.xx	Sonstige : Sonstige	PX	OPS	
CABG	5-362.y	N.n.bez.	PX	OPS	
CABG	5-363.1	Koronararterienbypass-Revision	PX	OPS	
CABG	5-363.2	Koronararterienbypass-Neuanlage	PX	OPS	
CABG	5-363.4	Revaskularisation mit freiem A. mamma interna-Transplantat (IMA-Transplantat)	PX	OPS	
CABG	5-363.x	Sonstige	PX	OPS	
CABG	5-363.y	N.n.bez.	PX	OPS	
Hypertension	I10	Essentielle (primaere) Hypertonie	DX	ICD-10-GM	
Hypertension	I100	Benigne essentielle Hypertonie	DX	ICD-10-GM	

Hypertension	I1000	Benigne essentielle Hypertonie : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1001	Benigne essentielle Hypertonie : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I101	Maligne essentielle Hypertonie	DX	ICD-10-GM
Hypertension	I1010	Maligne essentielle Hypertonie : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1011	Maligne essentielle Hypertonie : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I109	Essentielle Hypertonie, nicht naeher bezeichnet	DX	ICD-10-GM
Hypertension	I1090	Essentielle Hypertonie, nicht naeher bezeichnet : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1091	Essentielle Hypertonie, nicht naeher bezeichnet : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I11	Hypertensive Herzkrankheit	DX	ICD-10-GM
Hypertension	I110	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz	DX	ICD-10-GM
Hypertension	I1100	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1101	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I119	Hypertensive Herzkrankheit ohne (kongestive) Herzinsuffizienz	DX	ICD-10-GM
Hypertension	I1190	Hypertensive Herzkrankheit ohne (kongestive) Herzinsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1191	Hypertensive Herzkrankheit ohne (kongestive) Herzinsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I12	Hypertensive Nierenkrankheit	DX	ICD-10-GM
Hypertension	I120	Hypertensive Nierenkrankheit mit Niereninsuffizienz	DX	ICD-10-GM
Hypertension	I1200	Hypertensive Nierenkrankheit mit Niereninsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1201	Hypertensive Nierenkrankheit mit Niereninsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I129	Hypertensive Nierenkrankheit ohne Niereninsuffizienz	DX	ICD-10-GM
Hypertension	I1290	Hypertensive Nierenkrankheit ohne Niereninsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1291	Hypertensive Nierenkrankheit ohne Niereninsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I13	Hypertensive Herz- und Nierenkrankheit	DX	ICD-10-GM
Hypertension	I130	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz	DX	ICD-10-GM
Hypertension	I1300	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1301	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I131	Hypertensive Herz- und Nierenkrankheit mit Niereninsuffizienz	DX	ICD-10-GM
Hypertension	I1310	Hypertensive Herz- und Nierenkrankheit mit Niereninsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1311	Hypertensive Herz- und Nierenkrankheit mit Niereninsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I132	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz	DX	ICD-10-GM
Hypertension	I1320	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1321	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I139	Hypertensive Herz- und Nierenkrankheit, nicht naeher bezeichnet	DX	ICD-10-GM
Hypertension	I1390	Hypertensive Herz- und Nierenkrankheit, nicht naeher bezeichnet : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1391	Hypertensive Herz- und Nierenkrankheit, nicht naeher bezeichnet : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I15	Sekundaere Hypertonie	DX	ICD-10-GM
Hypertension	I150	Renovaskulaere Hypertonie	DX	ICD-10-GM
Hypertension	I1500	Renovaskulaere Hypertonie : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1501	Renovaskulaere Hypertonie : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I151	Hypertonie als Folge von sonstigen Nierenkrankheiten	DX	ICD-10-GM
Hypertension	I1510	Hypertonie als Folge von sonstigen Nierenkrankheiten : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1511	Hypertonie als Folge von sonstigen Nierenkrankheiten : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I152	Hypertonie als Folge von endokrinen Krankheiten	DX	ICD-10-GM
Hypertension	I1520	Hypertonie als Folge von endokrinen Krankheiten : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1521	Hypertonie als Folge von endokrinen Krankheiten : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I158	Sonstige sekundaere Hypertonie	DX	ICD-10-GM
Hypertension	I1580	Sonstige sekundaere Hypertonie : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM

Hypertension	I1581	Sonstige sekundaere Hypertonie : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I159	Sekundaere Hypertonie, nicht naeher bezeichnet	DX	ICD-10-GM
Hypertension	I1590	Sekundaere Hypertonie, nicht naeher bezeichnet : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Hypertension	I1591	Sekundaere Hypertonie, nicht naeher bezeichnet : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Diabetes type 2	E11	Diabetes mellitus, Typ 2	DX	ICD-10-GM
Diabetes type 2	E110	Diabetes mellitus, Typ 2 : Mit Koma	DX	ICD-10-GM
Diabetes type 2	E1101	Diabetes mellitus, Typ 2 : Mit Koma : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E111	Diabetes mellitus, Typ 2 : Mit Ketoazidose	DX	ICD-10-GM
Diabetes type 2	E1111	Diabetes mellitus, Typ 2 : Mit Ketoazidose : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E112	Diabetes mellitus, Typ 2 : Mit Nierenkomplikationen	DX	ICD-10-GM
Diabetes type 2	E1120	Diabetes mellitus, Typ 2 : Mit Nierenkomplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1121	Diabetes mellitus, Typ 2 : Mit Nierenkomplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E113	Diabetes mellitus, Typ 2 : Mit Augenkomplikationen	DX	ICD-10-GM
Diabetes type 2	E1130	Diabetes mellitus, Typ 2 : Mit Augenkomplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1131	Diabetes mellitus, Typ 2 : Mit Augenkomplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E114	Diabetes mellitus, Typ 2 : Mit neurologischen Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1140	Diabetes mellitus, Typ 2 : Mit neurologischen Komplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1141	Diabetes mellitus, Typ 2 : Mit neurologischen Komplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E115	Diabetes mellitus, Typ 2 : Mit peripheren vaskulaeren Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1150	Diabetes mellitus, Typ 2 : Mit peripheren vaskulaeren Komplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1151	Diabetes mellitus, Typ 2 : Mit peripheren vaskulaeren Komplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E116	Diabetes mellitus, Typ 2 : Mit sonstigen naeher bezeichneten Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1160	Diabetes mellitus, Typ 2 : Mit sonstigen naeher bezeichneten Komplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1161	Diabetes mellitus, Typ 2 : Mit sonstigen naeher bezeichneten Komplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E117	Diabetes mellitus, Typ 2 : Mit multiplen Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1172	Diabetes mellitus, Typ 2 : Mit multiplen Komplikationen : Mit sonstigen multiplen Komplikationen, nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1173	Diabetes mellitus, Typ 2 : Mit multiplen Komplikationen : Mit sonstigen multiplen Komplikationen, als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1174	Diabetes mellitus, Typ 2 : Mit multiplen Komplikationen : Mit diabetischem Fu��syndrom, nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1175	Diabetes mellitus, Typ 2 : Mit multiplen Komplikationen : Mit diabetischem Fu��syndrom, als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E118	Diabetes mellitus, Typ 2 : Mit nicht naeher bezeichneten Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1180	Diabetes mellitus, Typ 2 : Mit nicht naeher bezeichneten Komplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1181	Diabetes mellitus, Typ 2 : Mit nicht naeher bezeichneten Komplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E119	Diabetes mellitus, Typ 2 : Ohne Komplikationen	DX	ICD-10-GM
Diabetes type 2	E1190	Diabetes mellitus, Typ 2 : Ohne Komplikationen : Nicht als entgleist bezeichnet	DX	ICD-10-GM
Diabetes type 2	E1191	Diabetes mellitus, Typ 2 : Ohne Komplikationen : Als entgleist bezeichnet	DX	ICD-10-GM
Hyperlipidemia	E78	Stoerungen des Lipoproteinstoffwechsels und sonstige Lipidaemien	DX	ICD-10-GM
Hyperlipidemia	E780	Reine Hypercholesterinaemie	DX	ICD-10-GM
Hyperlipidemia	E781	Reine Hypertriglyzeridaemie	DX	ICD-10-GM
Hyperlipidemia	E782	Gemischte Hyperlipidaemie	DX	ICD-10-GM
Hyperlipidemia	E783	Hyperchylomikronaemie	DX	ICD-10-GM
Hyperlipidemia	E784	Sonstige Hyperlipidaemien	DX	ICD-10-GM
Hyperlipidemia	E785	Hyperlipidaemie, nicht naeher bezeichnet	DX	ICD-10-GM
Hyperlipidemia	E786	Lipoproteinmangel	DX	ICD-10-GM
Hyperlipidemia	E788	Sonstige Stoerungen des Lipoproteinstoffwechsels	DX	ICD-10-GM
Hyperlipidemia	E7880	Hyperlipoproteinaemie (a)	DX	ICD-10-GM
Hyperlipidemia	E7888	Sonstige Stoerungen des Lipoproteinstoffwechsels	DX	ICD-10-GM
Hyperlipidemia	E789	Stoerung des Lipoproteinstoffwechsels, nicht naeher bezeichnet	DX	ICD-10-GM

Smoking / Tobacco use	F17	Psychische und Verhaltensstoerungen durch Tabak	DX	ICD-10-GM
Smoking / Tobacco use	F170	Psychische und Verhaltensstoerungen durch Tabak: Akute Intoxikation [akuter Rausch]	DX	ICD-10-GM
Smoking / Tobacco use	F171	Psychische und Verhaltensstoerungen durch Tabak: Schaedlicher Gebrauch	DX	ICD-10-GM
Smoking / Tobacco use	F172	Psychische und Verhaltensstoerungen durch Tabak: Abhaengigkeitssyndrom	DX	ICD-10-GM
Smoking / Tobacco use	F173	Psychische und Verhaltensstoerungen durch Tabak: Entzugssyndrom	DX	ICD-10-GM
Smoking / Tobacco use	F174	Psychische und Verhaltensstoerungen durch Tabak: Entzugssyndrom mit Delir	DX	ICD-10-GM
Smoking / Tobacco use	F175	Psychische und Verhaltensstoerungen durch Tabak: Psychotische Stoerung	DX	ICD-10-GM
Smoking / Tobacco use	F176	Psychische und Verhaltensstoerungen durch Tabak: Amnestisches Syndrom	DX	ICD-10-GM
Smoking / Tobacco use	F177	Psychische und Verhaltensstoerungen durch Tabak: Restzustand und verzoeigert auftretende psychotische Stoerung	DX	ICD-10-GM
Smoking / Tobacco use	F178	Psychische und Verhaltensstoerungen durch Tabak: Sonstige psychische und Verhaltensstoerungen	DX	ICD-10-GM
Smoking / Tobacco use	F179	Psychische und Verhaltensstoerungen durch Tabak: Nicht naeher bezeichnete psychische und Verhaltensstoerung	DX	ICD-10-GM
Smoking / Tobacco use	T652	Toxische Wirkung sonstiger und nicht naeher bezeichneter Substanzen: Tabak und Nikotin	DX	ICD-10-GM
Atrial fibrillation/flutter	I48	Vorhofflimmern und Vorhofflattern	DX	ICD-10-GM
Atrial fibrillation/flutter	I480	Vorhofflimmern, paroxysmal	DX	ICD-10-GM
Atrial fibrillation/flutter	I481	Vorhofflimmern, persistierend	DX	ICD-10-GM
Atrial fibrillation/flutter	I482	Vorhofflimmern, permanent	DX	ICD-10-GM
Atrial fibrillation/flutter	I483	Vorhofflattern, typisch	DX	ICD-10-GM
Atrial fibrillation/flutter	I484	Vorhofflattern, atypisch	DX	ICD-10-GM
Heart failure	I50	Herzinsuffizienz	DX	ICD-10-GM
Heart failure	I500	Rechtsherzinsuffizienz	DX	ICD-10-GM
Heart failure	I5000	Primaere Rechtsherzinsuffizienz	DX	ICD-10-GM
Heart failure	I5001	Sekundaere Rechtsherzinsuffizienz	DX	ICD-10-GM
Heart failure	I5002	Rechtsherzinsuffizienz ohne Beschwerden	DX	ICD-10-GM
Heart failure	I5003	Rechtsherzinsuffizienz mit Beschwerden bei staerkerer Belastung	DX	ICD-10-GM
Heart failure	I5004	Rechtsherzinsuffizienz mit Beschwerden bei leichter Belastung	DX	ICD-10-GM
Heart failure	I5005	Rechtsherzinsuffizienz mit Beschwerden in Ruhe	DX	ICD-10-GM
Heart failure	I501	Linksherzinsuffizienz	DX	ICD-10-GM
Heart failure	I5011	Ohne Beschwerden	DX	ICD-10-GM
Heart failure	I5012	Mit Beschwerden bei staerkerer Belastung	DX	ICD-10-GM
Heart failure	I5013	Mit Beschwerden bei leichter Belastung	DX	ICD-10-GM
Heart failure	I5014	Mit Beschwerden in Ruhe	DX	ICD-10-GM
Heart failure	I5019	Nicht naeher bezeichnet	DX	ICD-10-GM
Heart failure	I509	Herzinsuffizienz, nicht naeher bezeichnet	DX	ICD-10-GM
Heart failure	I110	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz	DX	ICD-10-GM
Heart failure	I1100	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Heart failure	I1101	Hypertensive Herzkrankheit mit (kongestiver) Herzinsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Heart failure	I130	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz	DX	ICD-10-GM
Heart failure	I1300	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Heart failure	I1301	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Heart failure	I132	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz	DX	ICD-10-GM
Heart failure	I1320	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz : Ohne Angabe einer hypertensiven Krise	DX	ICD-10-GM
Heart failure	I1321	Hypertensive Herz- und Nierenkrankheit mit (kongestiver) Herzinsuffizienz und Niereninsuffizienz : Mit Angabe einer hypertensiven Krise	DX	ICD-10-GM
Ischemic stroke	I63	Hirnininfarkt	DX	ICD-10-GM
Ischemic stroke	I630	Hirnininfarkt durch Thrombose praezerebraler Arterien	DX	ICD-10-GM
Ischemic stroke	I631	Hirnininfarkt durch Embolie praezerebraler Arterien	DX	ICD-10-GM
Ischemic stroke	I632	Hirnininfarkt durch nicht naeher bezeichneten Verschluss oder Stenose praezerebraler Arterien	DX	ICD-10-GM
Ischemic stroke	I633	Hirnininfarkt durch Thrombose zerebraler Arterien	DX	ICD-10-GM

Ischemic stroke	I634	Hirnfarkt durch Embolie zerebraler Arterien	DX	ICD-10-GM	
Ischemic stroke	I635	Hirnfarkt durch nicht naeher bezeichneten Verschluss oder Stenose zerebraler Arterien	DX	ICD-10-GM	
Ischemic stroke	I636	Hirnfarkt durch Thrombose der Hirnvenen, nichteitrig	DX	ICD-10-GM	
Ischemic stroke	I638	Sonstiger Hirnfarkt	DX	ICD-10-GM	
Ischemic stroke	I639	Hirnfarkt, nicht naeher bezeichnet	DX	ICD-10-GM	
History of any MI	I21	Akuter Myokardinfarkt	DX	ICD-10-GM	
History of any MI	I210	Akuter transmuraler Myokardinfarkt der Vorderwand	DX	ICD-10-GM	
History of any MI	I211	Akuter transmuraler Myokardinfarkt der Hinterwand	DX	ICD-10-GM	
History of any MI	I212	Akuter transmuraler Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	
History of any MI	I213	Akuter transmuraler Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	
History of any MI	I214	Akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	
History of any MI	I2140	Akuter subendokardialer Myokardinfarkt, Typ-1-Infarkt	DX	ICD-10-GM	
History of any MI	I2141	Akuter subendokardialer Myokardinfarkt, Typ-2-Infarkt	DX	ICD-10-GM	
History of any MI	I2148	Sonstiger und nicht naeher bezeichneter akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	
History of any MI	I219	Akuter Myokardinfarkt, nicht naeher bezeichnet	DX	ICD-10-GM	
History of any MI	I22	Rezidivierender Myokardinfarkt	DX	ICD-10-GM	
History of any MI	I220	Rezidivierender Myokardinfarkt der Vorderwand	DX	ICD-10-GM	
History of any MI	I221	Rezidivierender Myokardinfarkt der Hinterwand	DX	ICD-10-GM	
History of any MI	I228	Rezidivierender Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	
History of any MI	I229	Rezidivierender Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	
History of any MI	I252	Alter Myokardinfarkt	DX	ICD-10-GM	
History of any MI	I2520	29 Tage bis unter 4 Monate zurueckliegend	DX	ICD-10-GM	
History of any MI	I2521	4 Monate bis unter 1 Jahr zurueckliegend	DX	ICD-10-GM	
History of any MI	I2522	1 Jahr und laenger zurueckliegend	DX	ICD-10-GM	
History of any MI	I2529	Nicht naeher bezeichnet	DX	ICD-10-GM	
History of any PCI	8-837.0	Ballon-Angioplastie	PX	OPS	
History of any PCI	8-837.00	Eine Koronararterie	PX	OPS	
History of any PCI	8-837.01	Mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.1	Laser-Angioplastie	PX	OPS	
History of any PCI	8-837.10	Eine Koronararterie	PX	OPS	
History of any PCI	8-837.11	Mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.2	Atherektomie	PX	OPS	
History of any PCI	8-837.20	Eine Koronararterie	PX	OPS	
History of any PCI	8-837.21	Mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.4	Fremdkoerperentfernung	PX	OPS	
History of any PCI	8-837.5	Rotablation	PX	OPS	
History of any PCI	8-837.50	Eine Koronararterie	PX	OPS	
History of any PCI	8-837.51	Mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.6	Selektive Thrombolyse	PX	OPS	
History of any PCI	8-837.60	Eine Koronararterie	PX	OPS	
History of any PCI	8-837.61	Mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.k	Einlegen eines nicht medikamentefreisetzenden Stents	PX	OPS	
History of any PCI	8-837.k0	Ein Stent in eine Koronararterie	PX	OPS	
History of any PCI	8-837.k3	2 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.k4	2 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.k5	3 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.k6	3 Stents in mehrere Koronararterien	PX	OPS	

History of any PCI	8-837.k7	4 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.k8	4 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.k9	5 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.ka	5 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.kb	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.kc	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.kx	Sonstige	PX	OPS	
History of any PCI	8-837.m	Einlegen eines medikamentefreisetzenden Stents	PX	OPS	
History of any PCI	8-837.m0	Ein Stent in eine Koronararterie	PX	OPS	
History of any PCI	8-837.m1	2 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.m2	2 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.m3	3 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.m4	3 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.m5	4 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.m6	4 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.m7	5 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.m8	5 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.m9	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.ma	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.mx	Sonstige	PX	OPS	
History of any PCI	8-837.w	Einlegen eines beschichteten Stents	PX	OPS	
History of any PCI	8-837.w0	Ein Stent in eine Koronararterie	PX	OPS	
History of any PCI	8-837.w1	2 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.w2	2 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.w3	3 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.w4	3 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.w5	4 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.w6	4 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.w7	5 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.w8	5 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.w9	Mindestens 6 Stents in eine Koronararterie	PX	OPS	
History of any PCI	8-837.wa	Mindestens 6 Stents in mehrere Koronararterien	PX	OPS	
History of any PCI	8-837.wx	Sonstige	PX	OPS	
History of any PCI	34292	Zuschlag Intervention (PTCA, Stent)	PX	EBM	
History of any PCI	40302	Sachkosten fuer PTCA / Stent an einem GefaeÃŸ bei Koronarangiografie	PX	EBM	
History of any PCI	40304	Sachkosten fuer PTCA / Stent an mehreren GefaeÃŸen bei Koronarangiografie	PX	EBM	
History of any CABG	5-361	Anlegen eines aortokoronaren Bypass	PX	OPS	
History of any CABG	5-361.0	Bypass einfach	PX	OPS	
History of any CABG	5-361.01	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
History of any CABG	5-361.03	Bypass einfach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.05	Bypass einfach : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.06	Bypass einfach : Mit Prothese	PX	OPS	
History of any CABG	5-361.07	Bypass einfach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.08	Bypass einfach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.0x	Bypass einfach : Sonstige	PX	OPS	
History of any CABG	5-361.1	Bypass zweifach	PX	OPS	
History of any CABG	5-361.21	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	

History of any CABG	5-361.13	Bypass zweifach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.15	Bypass zweifach : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.16	Bypass zweifach : Mit Prothese	PX	OPS	
History of any CABG	5-361.17	Bypass zweifach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.18	Bypass zweifach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.1x	Bypass zweifach : Sonstige	PX	OPS	
History of any CABG	5-361.2	Bypass dreifach	PX	OPS	
History of any CABG	5-361.21	Bypass dreifach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.23	Bypass dreifach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.25	Bypass dreifach : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.26	Bypass dreifach : Mit Prothese	PX	OPS	
History of any CABG	5-361.27	Bypass dreifach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.28	Bypass dreifach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.2x	Bypass dreifach : Sonstige	PX	OPS	
History of any CABG	5-361.3	Bypass vierfach	PX	OPS	
History of any CABG	5-361.31	Bypass vierfach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.33	Bypass vierfach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.35	Bypass vierfach : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.36	Bypass vierfach : Mit Prothese	PX	OPS	
History of any CABG	5-361.37	Bypass vierfach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.38	Bypass vierfach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.3x	Bypass vierfach : Sonstige	PX	OPS	
History of any CABG	5-361.4	Bypass fuenffach	PX	OPS	
History of any CABG	5-361.41	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
History of any CABG	5-361.43	Bypass fuenffach : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.45	Bypass fuenffach : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.46	Bypass fuenffach : Mit Prothese	PX	OPS	
History of any CABG	5-361.47	Bypass fuenffach : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.48	Bypass fuenffach : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.4x	Bypass fuenffach : Sonstige	PX	OPS	
History of any CABG	5-361.5	Bypass sechsfach oder mehr	PX	OPS	
History of any CABG	5-361.52	old code (not included in OPS 2024 any more, but coded relevantly in AOK 24)	PX	OPS	
History of any CABG	5-361.53	Bypass sechsfach oder mehr : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-361.55	Bypass sechsfach oder mehr : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-361.56	Bypass sechsfach oder mehr : Mit Prothese	PX	OPS	
History of any CABG	5-361.57	Bypass sechsfach oder mehr : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.58	Bypass sechsfach oder mehr : Mit autogenen Venen mit externem Stabilisierungsnetz	PX	OPS	
History of any CABG	5-361.5x	Bypass sechsfach oder mehr : Sonstige	PX	OPS	
History of any CABG	5-361.y	N.n.bez.	PX	OPS	
History of any CABG	5-362.0	Bypass einfach, durch Sternotomie	PX	OPS	
History of any CABG	5-362.03	Bypass einfach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.05	Bypass einfach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.06	Bypass einfach, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.07	Bypass einfach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.0x	Bypass einfach, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.1	Bypass einfach, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.13	Bypass einfach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	

History of any CABG	5-362.15	Bypass einfach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.16	Bypass einfach, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.17	Bypass einfach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.1x	Bypass einfach, durch Thorakotomie : Sonstige	PX	OPS	
History of any CABG	5-362.2	Bypass einfach, durch Endoskopie	PX	OPS	
History of any CABG	5-362.23	Bypass einfach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.25	Bypass einfach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.26	Bypass einfach, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.27	Bypass einfach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.2x	Bypass einfach, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.3	Bypass zweifach, durch Sternotomie	PX	OPS	
History of any CABG	5-362.33	Bypass zweifach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.35	Bypass zweifach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.36	Bypass zweifach, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.37	Bypass zweifach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.3x	Bypass zweifach, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.4	Bypass zweifach, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.43	Bypass zweifach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.45	Bypass zweifach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.46	Bypass zweifach, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.47	Bypass zweifach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.4x	Bypass zweifach, durch Thorakotomie : Sonstige	PX	OPS	
History of any CABG	5-362.5	Bypass zweifach, durch Endoskopie	PX	OPS	
History of any CABG	5-362.53	Bypass zweifach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.55	Bypass zweifach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.56	Bypass zweifach, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.57	Bypass zweifach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.5x	Bypass zweifach, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.6	Bypass dreifach, durch Sternotomie	PX	OPS	
History of any CABG	5-362.63	Bypass dreifach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.65	Bypass dreifach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.66	Bypass dreifach, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.67	Bypass dreifach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.6x	Bypass dreifach, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.7	Bypass dreifach, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.73	Bypass dreifach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.75	Bypass dreifach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.76	Bypass dreifach, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.77	Bypass dreifach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.7x	Bypass dreifach, durch Thorakotomie : Sonstige	PX	OPS	
History of any CABG	5-362.8	Bypass dreifach, durch Endoskopie	PX	OPS	
History of any CABG	5-362.83	Bypass dreifach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.85	Bypass dreifach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.86	Bypass dreifach, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.87	Bypass dreifach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.8x	Bypass dreifach, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.9	Bypass vierfach, durch Sternotomie	PX	OPS	

History of any CABG	5-362.93	Bypass vierfach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.95	Bypass vierfach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.96	Bypass vierfach, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.97	Bypass vierfach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.9x	Bypass vierfach, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.a	Bypass vierfach, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.a3	Bypass vierfach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.a5	Bypass vierfach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.a6	Bypass vierfach, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.a7	Bypass vierfach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.ax	Bypass vierfach, durch Thorakotomie : Sonstige	PX	OPS	
History of any CABG	5-362.b	Bypass vierfach, durch Endoskopie	PX	OPS	
History of any CABG	5-362.b3	Bypass vierfach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.b5	Bypass vierfach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.b6	Bypass vierfach, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.b7	Bypass vierfach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.bx	Bypass vierfach, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.c	Bypass fuenffach, durch Sternotomie	PX	OPS	
History of any CABG	5-362.c3	Bypass fuenffach, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.c5	Bypass fuenffach, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.c6	Bypass fuenffach, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.c7	Bypass fuenffach, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.cx	Bypass fuenffach, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.d	Bypass fuenffach, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.d3	Bypass fuenffach, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.d5	Bypass fuenffach, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.d6	Bypass fuenffach, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.d7	Bypass fuenffach, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.dx	Bypass fuenffach, durch Thorakotomie : Sonstige	PX	OPS	
History of any CABG	5-362.e	Bypass fuenffach, durch Endoskopie	PX	OPS	
History of any CABG	5-362.e3	Bypass fuenffach, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.e5	Bypass fuenffach, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.e6	Bypass fuenffach, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.e7	Bypass fuenffach, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.ex	Bypass fuenffach, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.f	Bypass sechsfach oder mehr, durch Sternotomie	PX	OPS	
History of any CABG	5-362.f3	Bypass sechsfach oder mehr, durch Sternotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.f5	Bypass sechsfach oder mehr, durch Sternotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.f6	Bypass sechsfach oder mehr, durch Sternotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.f7	Bypass sechsfach oder mehr, durch Sternotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.fx	Bypass sechsfach oder mehr, durch Sternotomie : Sonstige	PX	OPS	
History of any CABG	5-362.g	Bypass sechsfach oder mehr, durch Thorakotomie	PX	OPS	
History of any CABG	5-362.g3	Bypass sechsfach oder mehr, durch Thorakotomie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.g5	Bypass sechsfach oder mehr, durch Thorakotomie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.g6	Bypass sechsfach oder mehr, durch Thorakotomie : Mit Prothese	PX	OPS	
History of any CABG	5-362.g7	Bypass sechsfach oder mehr, durch Thorakotomie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.gx	Bypass sechsfach oder mehr, durch Thorakotomie : Sonstige	PX	OPS	

History of any CABG	5-362.h	Bypass sechsfach oder mehr, durch Endoskopie	PX	OPS	
History of any CABG	5-362.h3	Bypass sechsfach oder mehr, durch Endoskopie : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.h5	Bypass sechsfach oder mehr, durch Endoskopie : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.h6	Bypass sechsfach oder mehr, durch Endoskopie : Mit Prothese	PX	OPS	
History of any CABG	5-362.h7	Bypass sechsfach oder mehr, durch Endoskopie : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.hx	Bypass sechsfach oder mehr, durch Endoskopie : Sonstige	PX	OPS	
History of any CABG	5-362.x	Sonstige	PX	OPS	
History of any CABG	5-362.x3	Sonstige : Mit autogenen Arterien	PX	OPS	
History of any CABG	5-362.x5	Sonstige : Mit Xenotransplantat	PX	OPS	
History of any CABG	5-362.x6	Sonstige : Mit Prothese	PX	OPS	
History of any CABG	5-362.x7	Sonstige : Mit autogenen Venen ohne externes Stabilisierungsnetz	PX	OPS	
History of any CABG	5-362.xx	Sonstige : Sonstige	PX	OPS	
History of any CABG	5-362.y	N.n.bez.	PX	OPS	
History of any CABG	5-363.1	Koronararterienbypass-Revision	PX	OPS	
History of any CABG	5-363.2	Koronararterienbypass-Neuanlage	PX	OPS	
History of any CABG	5-363.4	Revaskularisation mit freiem A. mammaria interna-Transplantat (IMA-Transplantat)	PX	OPS	
History of any CABG	5-363.x	Sonstige	PX	OPS	
History of any CABG	5-363.y	N.n.bez.	PX	OPS	
ACE-is/ARB's	C10BX12	Atorvastatin, Acetylsalicylsaeure und Perindopril	RX	ATC	
ACE-is/ARB's	C10BX06	Atorvastatin, Acetylsalicylsaeure und Ramipril	RX	ATC	
ACE-is/ARB's	C10BX11	Atorvastatin, Amlodipin und Perindopril	RX	ATC	
ACE-is/ARB's	C10BX18	Atorvastatin, Amlodipin und Ramipril	RX	ATC	
ACE-is/ARB's	C10BX15	Atorvastatin und Perindopril	RX	ATC	
ACE-is/ARB's	C09AA07	Benazepril	RX	ATC	
ACE-is/ARB's	C09BB13	Benazepril und Amlodipin	RX	ATC	
ACE-is/ARB's	C09BA07	Benazepril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA27	Benazepril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA01	Captopril	RX	ATC	
ACE-is/ARB's	C09BA01	Captopril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA21	Captopril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA08	Cilazapril	RX	ATC	
ACE-is/ARB's	C09BA08	Cilazapril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA28	Cilazapril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA12	Delapril	RX	ATC	
ACE-is/ARB's	C09BA12	Delapril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BB12	Delapril und Manidipin	RX	ATC	
ACE-is/ARB's	C09AA02	Enalapril	RX	ATC	
ACE-is/ARB's	C09BA02	Enalapril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA22	Enalapril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09BB02	Enalapril und Lercanidipin	RX	ATC	
ACE-is/ARB's	C09BB06	Enalapril und Nitrendipin	RX	ATC	
ACE-is/ARB's	C09AA09	Fosinopril	RX	ATC	
ACE-is/ARB's	C09BA09	Fosinopril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA29	Fosinopril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA16	Imidapril	RX	ATC	
ACE-is/ARB's	C09AA03	Lisinopril	RX	ATC	
ACE-is/ARB's	C09BB03	Lisinopril und Amlodipin	RX	ATC	

ACE-is/ARB's	C09BA03	Lisinopril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA23	Lisinopril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA13	Moexipril	RX	ATC	
ACE-is/ARB's	C09BA13	Moexipril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA33	Moexipril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA04	Perindopril	RX	ATC	
ACE-is/ARB's	C09BX01	Perindopril, Amlodipin und Indapamid	RX	ATC	
ACE-is/ARB's	C09BX06	Perindopril, Bisoprolol, Amlodipin und Indapamid	RX	ATC	
ACE-is/ARB's	C09BX04	Perindopril, Bisoprolol und Amlodipin	RX	ATC	
ACE-is/ARB's	C09BB04	Perindopril und Amlodipin	RX	ATC	
ACE-is/ARB's	C09BX02	Perindopril und Bisoprolol	RX	ATC	
ACE-is/ARB's	C09BA04	Perindopril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA54	Perindopril und Indapamid	RX	ATC	
ACE-is/ARB's	C09AA06	Quinapril	RX	ATC	
ACE-is/ARB's	C09BA06	Quinapril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA26	Quinapril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09AA05	Ramipril	RX	ATC	
ACE-is/ARB's	C09BX03	Ramipril, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09BB07	Ramipril und Amlodipin	RX	ATC	
ACE-is/ARB's	C09BX05	Ramipril und Bisoprolol	RX	ATC	
ACE-is/ARB's	C09BA05	Ramipril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BB05	Ramipril und Felodipin	RX	ATC	
ACE-is/ARB's	C09BA25	Ramipril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09BA55	Ramipril und Piretanid	RX	ATC	
ACE-is/ARB's	C10BX07	Rosuvastatin, Amlodipin und Lisinopril	RX	ATC	
ACE-is/ARB's	C10BX14	Rosuvastatin, Amlodipin und Perindopril	RX	ATC	
ACE-is/ARB's	C10BX13	Rosuvastatin, Perindopril und Indapamid	RX	ATC	
ACE-is/ARB's	C10BX21	Rosuvastatin und Perindopril	RX	ATC	
ACE-is/ARB's	C10BX17	Rosuvastatin und Ramipril	RX	ATC	
ACE-is/ARB's	C10BX04	Simvastatin, Acetylsalicylsäure und Ramipril	RX	ATC	
ACE-is/ARB's	C09AA11	Spirapril	RX	ATC	
ACE-is/ARB's	C09AA14	Temocapril	RX	ATC	
ACE-is/ARB's	C09AA10	Trandolapril	RX	ATC	
ACE-is/ARB's	C09BB10	Trandolapril und Verapamil	RX	ATC	
ACE-is/ARB's	C09AA15	Zofenopril	RX	ATC	
ACE-is/ARB's	C09BA15	Zofenopril und Diuretika	RX	ATC	
ACE-is/ARB's	C09BA35	Zofenopril und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09BX07	Zofenopril und Nebivolol	RX	ATC	
ACE-is/ARB's	C10BX19	Atorvastatin, Amlodipin und Candesartan	RX	ATC	
ACE-is/ARB's	C09CA09	Azilsartanmedoxomil	RX	ATC	
ACE-is/ARB's	C09DA09	Azilsartanmedoxomil und Diuretika	RX	ATC	
ACE-is/ARB's	C09CA06	Candesartan	RX	ATC	
ACE-is/ARB's	C09DX06	Candesartan, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DB07	Candesartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA06	Candesartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA26	Candesartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09CA02	Eprosartan	RX	ATC	

ACE-is/ARB's	C09DA02	Eprosartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA22	Eprosartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09CA10	Fimasartan	RX	ATC	
ACE-is/ARB's	C09DB09	Fimasartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA10	Fimasartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09CA04	Irbesartan	RX	ATC	
ACE-is/ARB's	C09DX07	Irbesartan, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DB05	Irbesartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA04	Irbesartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA24	Irbesartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09CA01	Losartan	RX	ATC	
ACE-is/ARB's	C09DB06	Losartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA01	Losartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA21	Losartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09CA08	Olmesartanmedoxomil	RX	ATC	
ACE-is/ARB's	C09DX03	Olmesartanmedoxomil, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DB02	Olmesartanmedoxomil und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA08	Olmesartanmedoxomil und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA28	Olmesartanmedoxomil und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C10BX16	Rosuvastatin und Fimasartan	RX	ATC	
ACE-is/ARB's	C10BX20	Rosuvastatin und Telmisartan	RX	ATC	
ACE-is/ARB's	C10BX10	Rosuvastatin und Valsartan	RX	ATC	
ACE-is/ARB's	C09CA05	Tasosartan	RX	ATC	
ACE-is/ARB's	C09CA07	Telmisartan	RX	ATC	
ACE-is/ARB's	C09DX08	Telmisartan, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DB04	Telmisartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA07	Telmisartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA27	Telmisartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09CA03	Valsartan	RX	ATC	
ACE-is/ARB's	C09DX01	Valsartan, Amlodipin und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DX02	Valsartan und Aliskiren	RX	ATC	
ACE-is/ARB's	C09DB01	Valsartan und Amlodipin	RX	ATC	
ACE-is/ARB's	C09DA03	Valsartan und Diuretika	RX	ATC	
ACE-is/ARB's	C09DA23	Valsartan und Hydrochlorothiazid	RX	ATC	
ACE-is/ARB's	C09DB08	Valsartan und Lercanidipin	RX	ATC	
ACE-is/ARB's	C09DX05	Valsartan und Nebivolol	RX	ATC	
ACE-is/ARB's	C09DX04	Valsartan und Sacubitril	RX	ATC	
Beta-blockers	C07AB04	Acebutolol	RX	ATC	
Beta-blockers	C07CB04	Acebutolol und andere Diuretika	RX	ATC	
Beta-blockers	C07FB26	Acebutolol und Nifedipin	RX	ATC	
Beta-blockers	C07BB04	Acebutolol und Thiazide	RX	ATC	
Beta-blockers	C07AA01	Alprenolol	RX	ATC	
Beta-blockers	C07BA01	Alprenolol und Thiazide	RX	ATC	
Beta-blockers	C07AB03	Atenolol	RX	ATC	
Beta-blockers	C07FX18	Atenolol, Chlortalidon und Hydralazin	RX	ATC	
Beta-blockers	C07DB01	Atenolol, Thiazide und andere Diuretika	RX	ATC	
Beta-blockers	C07CB03	Atenolol und andere Diuretika	RX	ATC	

Beta-blockers	C07CB53	Atenolol und andere Diuretika, Kombinationen	RX	ATC	
Beta-blockers	C07CB23	Atenolol und Chlortalidon	RX	ATC	
Beta-blockers	C07FB03	Atenolol und Nifedipin	RX	ATC	
Beta-blockers	C07BB03	Atenolol und Thiazide	RX	ATC	
Beta-blockers	C07AB05	Betaxolol	RX	ATC	
Beta-blockers	C07AB06	Bevantolol	RX	ATC	
Beta-blockers	C07BB06	Bevantolol und Thiazide	RX	ATC	
Beta-blockers	C07AB07	Bisoprolol	RX	ATC	
Beta-blockers	C07FX04	Bisoprolol und Acetylsalicylsäure	RX	ATC	
Beta-blockers	C07FB07	Bisoprolol und Amlodipin	RX	ATC	
Beta-blockers	C07BB27	Bisoprolol und Hydrochlorothiazid	RX	ATC	
Beta-blockers	C07BB07	Bisoprolol und Thiazide	RX	ATC	
Beta-blockers	C07AA17	Bopindolol	RX	ATC	
Beta-blockers	C07CA17	Bopindolol und andere Diuretika	RX	ATC	
Beta-blockers	C07AA31	Bunitrolol	RX	ATC	
Beta-blockers	C07AA19	Bupranolol	RX	ATC	
Beta-blockers	C07FX17	Bupranolol und andere Antihypertensiva	RX	ATC	
Beta-blockers	C07FX19	Bupranolol und andere Mittel	RX	ATC	
Beta-blockers	C07EA19	Bupranolol und Vasodilatoren	RX	ATC	
Beta-blockers	C07AA30	Carazolol	RX	ATC	
Beta-blockers	C07AA15	Carteolol	RX	ATC	
Beta-blockers	C07AG02	Carvedilol	RX	ATC	
Beta-blockers	C07FX06	Carvedilol und Ivabradin	RX	ATC	
Beta-blockers	C07BG02	Carvedilol und Thiazide	RX	ATC	
Beta-blockers	C07AB08	Celiprolol	RX	ATC	
Beta-blockers	C07CB08	Celiprolol und andere Diuretika	RX	ATC	
Beta-blockers	C07AA27	Cloranolol	RX	ATC	
Beta-blockers	C07AB10	Epanolol	RX	ATC	
Beta-blockers	C07AB09	Esmolol	RX	ATC	
Beta-blockers	C07AG01	Labetalol	RX	ATC	
Beta-blockers	C07CG01	Labetalol und andere Diuretika	RX	ATC	
Beta-blockers	C07BG01	Labetalol und Thiazide	RX	ATC	
Beta-blockers	C07AB14	Landirolol	RX	ATC	
Beta-blockers	C07AA14	Mepindolol	RX	ATC	
Beta-blockers	C07BA14	Mepindolol und Thiazide	RX	ATC	
Beta-blockers	C07AA18	Metipranolol	RX	ATC	
Beta-blockers	C07FX16	Metipranolol und andere Antihypertensiva	RX	ATC	
Beta-blockers	C07BA18	Metipranolol und Thiazide	RX	ATC	
Beta-blockers	C07BA68	Metipranolol und Thiazide, Kombinationen	RX	ATC	
Beta-blockers	C07AB02	Metoprolol	RX	ATC	
Beta-blockers	C07FX03	Metoprolol und Acetylsalicylsäure	RX	ATC	
Beta-blockers	C07FB13	Metoprolol und Amlodipin	RX	ATC	
Beta-blockers	C07CB02	Metoprolol und andere Diuretika	RX	ATC	
Beta-blockers	C07CB22	Metoprolol und Chlortalidon	RX	ATC	
Beta-blockers	C07FB02	Metoprolol und Felodipin	RX	ATC	
Beta-blockers	C07BB22	Metoprolol und Hydrochlorothiazid	RX	ATC	
Beta-blockers	C07FX05	Metoprolol und Ivabradin	RX	ATC	

Beta-blockers	C07FB22	Metoprolol und Nifedipin	RX	ATC	
Beta-blockers	C07BB02	Metoprolol und Thiazide	RX	ATC	
Beta-blockers	C07BB52	Metoprolol und Thiazide, Kombinationen	RX	ATC	
Beta-blockers	C07AA12	Nadolol	RX	ATC	
Beta-blockers	C07BA12	Nadolol und Thiazide	RX	ATC	
Beta-blockers	C07AB12	Nebivolol	RX	ATC	
Beta-blockers	C07FB12	Nebivolol und Amlodipin	RX	ATC	
Beta-blockers	C07BB12	Nebivolol und Thiazide	RX	ATC	
Beta-blockers	C07AA02	Oxprenolol	RX	ATC	
Beta-blockers	C07FX15	Oxprenolol und andere Antihypertensiva	RX	ATC	
Beta-blockers	C07CA02	Oxprenolol und andere Diuretika	RX	ATC	
Beta-blockers	C07BA02	Oxprenolol und Thiazide	RX	ATC	
Beta-blockers	C07AA23	Penbutolol	RX	ATC	
Beta-blockers	C07CA23	Penbutolol und andere Diuretika	RX	ATC	
Beta-blockers	C07CA51	Penbutolol und Furosemid	RX	ATC	
Beta-blockers	C07CA52	Penbutolol und Piretanid	RX	ATC	
Beta-blockers	C09BX06	Perindopril, Bisoprolol, Amlodipin und Indapamid	RX	ATC	
Beta-blockers	C09BX04	Perindopril, Bisoprolol und Amlodipin	RX	ATC	
Beta-blockers	C09BX02	Perindopril und Bisoprolol	RX	ATC	
Beta-blockers	C07AA03	Pindolol	RX	ATC	
Beta-blockers	C07CA03	Pindolol und andere Diuretika	RX	ATC	
Beta-blockers	C07EA03	Pindolol und Vasodilatoren	RX	ATC	
Beta-blockers	C07AB01	Practolol	RX	ATC	
Beta-blockers	C07AA05	Propranolol	RX	ATC	
Beta-blockers	C07DA25	Propranolol, Hydrochlorothiazid und Triamteren	RX	ATC	
Beta-blockers	C07CA05	Propranolol und andere Diuretika	RX	ATC	
Beta-blockers	C07FX01	Propranolol und andere Kombinationen	RX	ATC	
Beta-blockers	C07BA05	Propranolol und Thiazide	RX	ATC	
Beta-blockers	C07EA05	Propranolol und Vasodilatoren	RX	ATC	
Beta-blockers	C09BX05	Ramipril und Bisoprolol	RX	ATC	
Beta-blockers	C10BX22	Rosuvastatin und Nebivolol	RX	ATC	
Beta-blockers	C07AB11	S-Atenolol	RX	ATC	
Beta-blockers	C07AA07	Sotalol	RX	ATC	
Beta-blockers	C07FX02	Sotalol und Acetylsalicylsäure	RX	ATC	
Beta-blockers	C07BA07	Sotalol und Thiazide	RX	ATC	
Beta-blockers	C07AB13	Talinolol	RX	ATC	
Beta-blockers	C07AA16	Tertatolol	RX	ATC	
Beta-blockers	C07AA06	Timolol	RX	ATC	
Beta-blockers	C07DA26	Timolol, Hydrochlorothiazid und Amilorid	RX	ATC	
Beta-blockers	C07DA06	Timolol, Thiazide und andere Diuretika	RX	ATC	
Beta-blockers	C07BA06	Timolol und Thiazide	RX	ATC	
Beta-blockers	C09DX05	Valsartan und Nebivolol	RX	ATC	
Beta-blockers	C09BX07	Zofenopril und Nebivolol	RX	ATC	
Statins	C10AA05	Atorvastatin	RX	ATC	
Statins	C10BX12	Atorvastatin, Acetylsalicylsäure und Perindopril	RX	ATC	
Statins	C10BX06	Atorvastatin, Acetylsalicylsäure und Ramipril	RX	ATC	
Statins	C10BX19	Atorvastatin, Amlodipin und Candesartan	RX	ATC	

Statins	C10BX11	Atorvastatin, Amlodipin und Perindopril	RX	ATC	
Statins	C10BX18	Atorvastatin, Amlodipin und Ramipril	RX	ATC	
Statins	C10BX08	Atorvastatin und Acetylsalicylsäure	RX	ATC	
Statins	C10BX03	Atorvastatin und Amlodipin	RX	ATC	
Statins	C10BA05	Atorvastatin und Ezetimib	RX	ATC	
Statins	C10BA08	Atorvastatin und Omega-3-Fettsäuren	RX	ATC	
Statins	C10BX15	Atorvastatin und Perindopril	RX	ATC	
Statins	C10AA06	Cerivastatin	RX	ATC	
Statins	A10BH52	Gemigliptin und Rosuvastatin	RX	ATC	
Statins	C10AA08	Pitavastatin	RX	ATC	
Statins	C10BA13	Pitavastatin und Ezetimib	RX	ATC	
Statins	C10AA07	Rosuvastatin	RX	ATC	
Statins	C10BX07	Rosuvastatin, Amlodipin und Lisinopril	RX	ATC	
Statins	C10BX14	Rosuvastatin, Amlodipin und Perindopril	RX	ATC	
Statins	C10BX13	Rosuvastatin, Perindopril und Indapamid	RX	ATC	
Statins	C10BX05	Rosuvastatin und Acetylsalicylsäure	RX	ATC	
Statins	C10BX09	Rosuvastatin und Amlodipin	RX	ATC	
Statins	C10BA06	Rosuvastatin und Ezetimib	RX	ATC	
Statins	C10BA09	Rosuvastatin und Fenofibrat	RX	ATC	
Statins	C10BX16	Rosuvastatin und Fimasartan	RX	ATC	
Statins	C10BX22	Rosuvastatin und Nebivolol	RX	ATC	
Statins	C10BA07	Rosuvastatin und Omega-3-Fettsäuren	RX	ATC	
Statins	C10BX21	Rosuvastatin und Perindopril	RX	ATC	
Statins	C10BX17	Rosuvastatin und Ramipril	RX	ATC	
Statins	C10BX20	Rosuvastatin und Telmisartan	RX	ATC	
Statins	C10BX10	Rosuvastatin und Valsartan	RX	ATC	
Statins	C10AA04	Fluvastatin	RX	ATC	
Statins	C10AA02	Lovastatin	RX	ATC	
Statins	C10BA01	Lovastatin und Nicotinsäure	RX	ATC	
Statins	C10AA03	Pravastatin	RX	ATC	
Statins	C10BA12	Pravastatin, Ezetimib und Fenofibrat	RX	ATC	
Statins	C10BX02	Pravastatin und Acetylsalicylsäure	RX	ATC	
Statins	C10BA11	Pravastatin und Ezetimib	RX	ATC	
Statins	C10BA03	Pravastatin und Fenofibrat	RX	ATC	
Statins	C10AA01	Simvastatin	RX	ATC	
Statins	C10BX04	Simvastatin, Acetylsalicylsäure und Ramipril	RX	ATC	
Statins	C10BX01	Simvastatin und Acetylsalicylsäure	RX	ATC	
Statins	C10BA02	Simvastatin und Ezetimib	RX	ATC	
Statins	C10BA04	Simvastatin und Fenofibrat	RX	ATC	
Statins	A10BH51	Sitagliptin und Simvastatin	RX	ATC	
Insulins	A10AB05	Insulin aspart	RX	ATC	
Insulins	A10AD05	Insulin aspart	RX	ATC	
Insulins	A10AE06	Insulin degludec	RX	ATC	
Insulins	A10AD06	Insulin degludec und Insulin aspart	RX	ATC	
Insulins	A10AE56	Insulin degludec und Liraglutid	RX	ATC	
Insulins	A10AE05	Insulin detemir	RX	ATC	
Insulins	A10AE04	Insulin glargin	RX	ATC	

Insulins	A10AE54	Insulin glargin und Lixisenatid	RX	ATC	
Insulins	A10AB06	Insulin glulisin	RX	ATC	
Insulins	A10AE07	Insulin icodec	RX	ATC	
Insulins	A10AB04	Insulin lispro	RX	ATC	
Insulins	A10AC04	Insulin lispro	RX	ATC	
Insulins	A10AD04	Insulin lispro	RX	ATC	
Insulins	A10AB01	Insulin (human)	RX	ATC	
Insulins	A10AC01	Insulin (human)	RX	ATC	
Insulins	A10AD01	Insulin (human)	RX	ATC	
Insulins	A10AE01	Insulin (human)	RX	ATC	
Insulins	A10AF01	Insulin (human)	RX	ATC	
Insulins	A10AB02	Insulin (Rind)	RX	ATC	
Insulins	A10AC02	Insulin (Rind)	RX	ATC	
Insulins	A10AD02	Insulin (Rind)	RX	ATC	
Insulins	A10AE02	Insulin (Rind)	RX	ATC	
Insulins	A10AB03	Insulin (Schwein)	RX	ATC	
Insulins	A10AC03	Insulin (Schwein)	RX	ATC	
Insulins	A10AD03	Insulin (Schwein)	RX	ATC	
Insulins	A10AE03	Insulin (Schwein)	RX	ATC	
Insulins	A10AB30	Kombinationen	RX	ATC	
Insulins	A10AC30	Kombinationen	RX	ATC	
Insulins	A10AD30	Kombinationen	RX	ATC	
Insulins	A10AE30	Kombinationen	RX	ATC	
DOAC	B01AE07	Dabigatranetexilat	RX	ATC	
DOAC	B01AE05	Ximelagatran	RX	ATC	
DOAC	B01AF02	Apixaban	RX	ATC	
DOAC	B01AF03	Edoxaban	RX	ATC	
DOAC	B01AF01	Rivaroxaban	RX	ATC	
DOAC	B01AF51	Rivaroxaban und Acetylsalicylsaeure	RX	ATC	
VKA	B01AA07	Acenocoumarol	RX	ATC	
VKA	B01AA01	Dicoumarol	RX	ATC	
VKA	B01AA08	Ethylbiscoumacetat	RX	ATC	
VKA	B01AA02	Phenindion	RX	ATC	
VKA	B01AA04	Phenprocoumon	RX	ATC	
VKA	B01AA03	Warfarin	RX	ATC	

Procedure	Code	Description	Code_category	Code_type	Notes
STEMI	I21.0	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF ANTERIOR WALL	DX	ICD-10-CM	
STEMI	I21.01	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT MAIN CORONARY ARTERY	DX	ICD-10-CM	
STEMI	I21.02	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT ANTERIOR DESCENDING CORONARY ARTERY	DX	ICD-10-CM	
STEMI	I21.09	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER CORONARY ARTERY OF ANTERIOR WALL	DX	ICD-10-CM	
STEMI	I21.1	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF INFERIOR WALL	DX	ICD-10-CM	
STEMI	I21.11	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING RIGHT CORONARY ARTERY	DX	ICD-10-CM	
STEMI	I21.19	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER CORONARY ARTERY OF INFERIOR WALL	DX	ICD-10-CM	
STEMI	I21.2	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF OTHER SITES	DX	ICD-10-CM	
STEMI	I21.21	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING LEFT CIRCUMFLEX CORONARY ARTERY	DX	ICD-10-CM	
STEMI	I21.29	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION INVOLVING OTHER SITES	DX	ICD-10-CM	
STEMI	I21.3	ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-10-CM	
STEMI	I22.0	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF ANTERIOR WALL	DX	ICD-10-CM	
STEMI	I22.1	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF INFERIOR WALL	DX	ICD-10-CM	
STEMI	I22.8	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF OTHER SITES	DX	ICD-10-CM	
STEMI	I22.9	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-10-CM	
PCI	00.66	PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY (PTCA)	PX	ICD-9-CM	
PCI	36.06	INSERTION OF NON-DRUG-ELUTING CORONARY ARTERY STENT(S)	PX	ICD-9-CM	
PCI	36.07	INSERTION OF DRUG-ELUTING CORONARY ARTERY STENT(S)	PX	ICD-9-CM	
PCI	27.00.09	OTHER REMOVAL OF CORONARY ARTERY OBSTRUCTION	PX	ICD-10-CM	
PCI	27.0046	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	027004Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	27.0056	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	027005Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	27.0066	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	027006Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	27.0076	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	027007Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	0270006	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	027000Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	0270066	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	027006Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	027006F	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	02700FZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	0270006	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	02700GZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM	
PCI	0270016	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	027001Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM	
PCI	0270026	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, OPEN APPROACH	PX	ICD-10-CM	
PCI	02700ZZ	DILATION OF CORONARY ARTERY, ONE ARTERY, OPEN APPROACH	PX	ICD-10-CM	
PCI	27.0346	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027034Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	27.0356	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027035Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027036Z	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027036Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	27.0376	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027037Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	0270306	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027030Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	0270366	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	027036Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM	
PCI	02703F6	DILATION OF CORONARY ARTERY, ONE ARTERY			

[illegible]

[illegible]

	92973	PERCUTANEOUS TRANSLUMINAL CORONARY THROMBECTOMY MECHANICAL (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
	92980	TRANSCATHETER PLACEMENT OF AN INTRACORONARY STENT(S), PERCUTANEOUS, WITH OR WITHOUT OTHER THERAPEUTIC INTERVENTION, ANY METHOD, SINGLE VESSEL	PX	CPT/HCPCS
PCI	92981	TRANSCATHETER PLACEMENT OF AN INTRACORONARY STENT(S), PERCUTANEOUS, WITH OR WITHOUT OTHER THERAPEUTIC INTERVENTION, ANY METHOD, EACH ADDITIONAL VESSEL (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
PCI	92982	PERCUTANEOUS TRANSLUMINAL CORONARY BALLOON ANGIOPLASTY, SINGLE VESSEL	PX	CPT/HCPCS
PCI	92984	PERCUTANEOUS TRANSLUMINAL CORONARY BALLOON ANGIOPLASTY, EACH ADDITIONAL VESSEL (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
PCI	92995	PERCUTANEOUS TRANSLUMINAL CORONARY ATHERECTOMY, BY MECHANICAL OR OTHER METHOD, WITH OR WITHOUT BALLOON ANGIOPLASTY, SINGLE VESSEL	PX	CPT/HCPCS
PCI	92996	PERCUTANEOUS TRANSLUMINAL CORONARY ATHERECTOMY, BY MECHANICAL OR OTHER METHOD, WITH OR WITHOUT BALLOON ANGIOPLASTY, EACH ADDITIONAL VESSEL (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	36.1	BYPASS ANASTOMOSIS FOR HEART REVASCULARIZATION	PX	ICD-9-CM
CABG	36.10	AORTO/CORONARY BYPASS FOR HEART REVASCULARIZATION, NOT OTHERWISE SPECIFIED	PX	ICD-9-CM
CABG	36.11	(AORTO/CORONARY BYPASS OF ONE CORONARY ARTERY	PX	ICD-9-CM
CABG	36.12	(AORTO/CORONARY BYPASS OF TWO CORONARY ARTERIES	PX	ICD-9-CM
CABG	36.13	(AORTO/CORONARY BYPASS OF THREE CORONARY ARTERIES	PX	ICD-9-CM
CABG	36.14	(AORTO/CORONARY BYPASS OF FOUR OR MORE CORONARY ARTERIES	PX	ICD-9-CM
CABG	36.15	SINGLE INTERNAL MAMMARY-CORONARY ARTERY BYPASS	PX	ICD-9-CM
CABG	36.16	DOUBLE INTERNAL MAMMARY-CORONARY ARTERY BYPASS	PX	ICD-9-CM
CABG	36.17	ABDOMINAL-CORONARY ARTERY BYPASS	PX	ICD-9-CM
CABG	36.19	OTHER BYPASS ANASTOMOSIS FOR HEART REVASCULARIZATION	PX	ICD-9-CM
CABG	36.2	HEART REVASCULARIZATION BY ARTERIAL IMPLANT	PX	ICD-9-CM
CABG	210083	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	210084	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	210085	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021008C	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021008F	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021008W	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	210093	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	210094	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	210099	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021009C	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021009F	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021009W	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100A3	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100A8	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100A9	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100AC	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100AF	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100AW	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH AUTOLOGOUS ARTERIAL TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100J3	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100J8	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100J9	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100JC	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100JF	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100JW	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH SYNTHETIC SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100K3	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100K8	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100K9	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100KC	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100KF	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100KW	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, OPEN APPROACH	PX	ICD-10-CM
CABG	02100Z3	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY, OPEN APPROACH	PX	ICD-10-CM
CABG	02100Z8	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY, OPEN APPROACH	PX	ICD-10-CM
CABG	02100Z9	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY, OPEN APPROACH	PX	ICD-10-CM
CABG	02100ZC	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY, OPEN APPROACH	PX	ICD-10-CM
CABG	02100ZF	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY, OPEN APPROACH	PX	ICD-10-CM
CABG	210344	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY VEIN WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
CABG	02103D4	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY VEIN WITH INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
CABG	210444	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY VEIN WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	210483	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	0210488	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	210489	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021048C	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021048F	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021048W	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH ZOOPLASTIC TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	210493	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	210498	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	210499	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021049C	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021049F	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021049W	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH AUTOLOGOUS VENOUS TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104A3	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104A8	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104A9	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104AC	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104AF	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104AW	BYPASS CORONARY ARTERY, ONE ARTERY FROM AORTA WITH AUTOLOGOUS ARTERIAL TISSUE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02104D4	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY VEIN WITH INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	0210443	BYPASS CORONARY ARTERY, ONE ARTERY FROM CORONARY ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	0210428	BYPASS CORONARY ARTERY, ONE ARTERY FROM RIGHT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	0210429	BYPASS CORONARY ARTERY, ONE ARTERY FROM LEFT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021042C	BYPASS CORONARY ARTERY, ONE ARTERY FROM THORACIC ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021042F	BYPASS CORONARY ARTERY, ONE ARTERY FROM ABDOMINAL ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	211083	BYPASS CORONARY ARTERY, TWO ARTERIES FROM CORONARY ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	211088	BYPASS CORONARY ARTERY, TWO ARTERIES FROM RIGHT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	211089	BYPASS CORONARY ARTERY, TWO ARTERIES FROM LEFT INTERNAL MAMMARY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021108C	BYPASS CORONARY ARTERY, TWO ARTERIES FROM THORACIC ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021108F	BYPASS CORONARY ARTERY, TWO ARTERIES FROM ABDOMINAL ARTERY WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	021108W	BYPASS CORONARY ARTERY, TWO ARTERIES FROM AORTA WITH ZOOPLASTIC TISSUE, OPEN APPROACH	PX	ICD-10-CM
CABG	211093	BYPASS CORONARY ARTERY, TWO ARTERIES FROM CORONARY ARTERY WITH AUTOLOGOUS VENOUS TISSUE, OPEN APPROACH	PX	ICD-10-CM

[illegible]

[illegible]

CABG	02134I3	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM CORONARY ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134I8	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM RIGHT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134I9	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM LEFT INTERNAL MAMMARY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134I4C	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM THORACIC ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134I4F	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134I4W	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM AORTA WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K3	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM CORONARY ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K8	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM RIGHT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K9	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM LEFT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K4C	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM THORACIC ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K4F	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134K4W	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM AORTA WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134Z3	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM CORONARY ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134Z8	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM RIGHT INTERNAL MAMMARY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134Z9	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM LEFT INTERNAL MAMMARY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134ZC	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM THORACIC ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	02134ZD	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021K0Z5	BYPASS RIGHT VENTRICLE TO CORONARY CIRCULATION, OPEN APPROACH	PX	ICD-10-CM
CABG	021K4Z5	BYPASS RIGHT VENTRICLE TO CORONARY CIRCULATION, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	021L0Z5	BYPASS LEFT VENTRICLE TO CORONARY CIRCULATION, OPEN APPROACH	PX	ICD-10-CM
CABG	021L4Z5	BYPASS LEFT VENTRICLE TO CORONARY CIRCULATION, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
CABG	33140	TRANSMYOCARDIAL LASER REVASCULARIZATION, BY THORACOTOMY; SEPARATE PROCEDURE	PX	CPT/HCPCS
CABG	33141	TRANSMYOCARDIAL LASER REVASCULARIZATION, BY THORACOTOMY, PERFORMED AT THE TIME OF OTHER OPEN CARDIAC PROCEDURE(S) (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33510	CORONARY ARTERY BYPASS, VEIN ONLY; SINGLE CORONARY VENOUS GRAFT	PX	CPT/HCPCS
CABG	33511	CORONARY ARTERY BYPASS, VEIN ONLY; 2 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
CABG	33512	CORONARY ARTERY BYPASS, VEIN ONLY; 3 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
CABG	33513	CORONARY ARTERY BYPASS, VEIN ONLY; 4 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
CABG	33514	CORONARY ARTERY BYPASS, VEIN ONLY; 5 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
CABG	33516	CORONARY ARTERY BYPASS, VEIN ONLY; 6 OR MORE CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
CABG	33517	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); SINGLE VEIN GRAFT (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33518	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 2 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33519	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 3 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33521	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 4 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33522	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 5 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33523	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 6 OR MORE VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33530	REPERFUSION, CORONARY ARTERY BYPASS PROCEDURE OR VALVE PROCEDURE, MORE THAN 1 MONTH AFTER ORIGINAL OPERATION (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
CABG	33533	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); SINGLE ARTERIAL GRAFT	PX	CPT/HCPCS
CABG	33534	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 2 CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
CABG	33535	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 3 CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
CABG	33536	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 4 OR MORE CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
CABG	33545	REPAIR OF POSTINFARCTION VENTRICULAR SEPTAL DEFECT, WITH OR WITHOUT MYOCARDIAL RESECTION	PX	CPT/HCPCS
CABG	33572	CORONARY ENDARTERECTOMY, OPEN, ANY METHOD, OF LEFT ANTERIOR DESCENDING, CIRCUMFLEX, OR RIGHT CORONARY ARTERY PERFORMED IN CONJUNCTION WITH CORONARY ARTERY BYPASS GRAFT PROCEDURE, EACH VESSEL (LIST SEPARATELY IN ADDITION TO PRIMARY PROCEDURE)	PX	CPT/HCPCS
Hypertension	401.0	MALIGNANT ESSENTIAL HYPERTENSION	DX	ICD-9-CM
Hypertension	401.1	BENIGN ESSENTIAL HYPERTENSION	DX	ICD-9-CM
Hypertension	401.9	UNSPECIFIED ESSENTIAL HYPERTENSION	DX	ICD-9-CM
Hypertension	402.00	MALIGNANT HYPERTENSIVE HEART DISEASE WITHOUT HEART FAILURE	DX	ICD-9-CM
Hypertension	402.01	MALIGNANT HYPERTENSIVE HEART DISEASE WITH HEART FAILURE	DX	ICD-9-CM
Hypertension	402.10	BENIGN HYPERTENSIVE HEART DISEASE WITHOUT HEART FAILURE	DX	ICD-9-CM
Hypertension	402.11	BENIGN HYPERTENSIVE HEART DISEASE WITH HEART FAILURE	DX	ICD-9-CM
Hypertension	402.90	UNSPECIFIED HYPERTENSIVE HEART DISEASE WITHOUT HEART FAILURE	DX	ICD-9-CM
Hypertension	402.91	UNSPECIFIED HYPERTENSIVE HEART DISEASE WITH HEART FAILURE	DX	ICD-9-CM
Hypertension	403.00	HYPERTENSIVE CHRONIC KIDNEY DISEASE MALIGNANT WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	403.01	HYPERTENSIVE CHRONIC KIDNEY DISEASE MALIGNANT WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	403.10	HYPERTENSIVE KIDNEY DISEASE BENIGN WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	403.11	HYPERTENSIVE KIDNEY DISEASE BENIGN WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	403.90	HYPERTENSIVE CHRONIC KIDNEY DISEASE UNSPECIFIED WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	403.91	HYPERTENSIVE CHRONIC KIDNEY DISEASE UNSPECIFIED WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.00	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE MALIGNANT WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.01	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE MALIGNANT WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.02	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE MALIGNANT WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.03	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE MALIGNANT WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.10	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE BENIGN WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.11	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE BENIGN WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.12	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE BENIGN WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.13	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE BENIGN WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.90	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE UNSPECIFIED WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.91	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE UNSPECIFIED WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE I THROUGH STAGE IV OR UNSPECIFIED	DX	ICD-9-CM
Hypertension	404.92	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE UNSPECIFIED WITHOUT HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	404.93	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE UNSPECIFIED WITH HEART FAILURE WITH CHRONIC KIDNEY DISEASE STAGE V OR END STAGE RENAL DISEASE	DX	ICD-9-CM
Hypertension	405.01	MALIGNANT RENOVASCULAR HYPERTENSION	DX	ICD-9-CM
Hypertension	405.09	OTHER MALIGNANT SECONDARY HYPERTENSION	DX	ICD-9-CM
Hypertension	405.11	BENIGN RENOVASCULAR HYPERTENSION	DX	ICD-9-CM
Hypertension	405.19	OTHER BENIGN SECONDARY HYPERTENSION	DX	ICD-9-CM
Hypertension	405.91	UNSPECIFIED RENOVASCULAR HYPERTENSION	DX	ICD-9-CM
Hypertension	405.99	OTHER UNSPECIFIED SECONDARY HYPERTENSION	DX	ICD-9-CM
Hypertension	110	ESSENTIAL (PRIMARY) HYPERTENSION	DX	ICD-10-CM
Hypertension	111.0	HYPERTENSIVE HEART DISEASE WITH HEART FAILURE	DX	ICD-10-CM
Hypertension	111.9	HYPERTENSIVE HEART DISEASE WITHOUT HEART FAILURE	DX	ICD-10-CM
Hypertension	112.0	HYPERTENSIVE CHRONIC KIDNEY DISEASE WITH STAGE 5 CHRONIC KIDNEY DISEASE OR END STAGE RENAL DISEASE	DX	ICD-10-CM
Hypertension	112.9	HYPERTENSIVE CHRONIC KIDNEY DISEASE WITH STAGE 1 THROUGH STAGE 4 CHRONIC KIDNEY DISEASE, OR UNSPECIFIED CHRONIC KIDNEY DISEASE	DX	ICD-10-CM
Hypertension	113.0	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE WITH HEART FAILURE AND STAGE 1 THROUGH STAGE 4 CHRONIC KIDNEY DISEASE, OR UNSPECIFIED CHRONIC KIDNEY DISEASE	DX	ICD-10-CM
Hypertension	113.10	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE WITHOUT HEART FAILURE, WITH STAGE 1 THROUGH STAGE 4 CHRONIC KIDNEY DISEASE, OR UNSPECIFIED CHRONIC KIDNEY DISEASE	DX	ICD-10-CM
Hypertension	113.11	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE WITHOUT HEART FAILURE, WITH STAGE 5 CHRONIC KIDNEY DISEASE, OR END STAGE RENAL DISEASE	DX	ICD-10-CM
Hypertension	113.2	HYPERTENSIVE HEART AND CHRONIC KIDNEY DISEASE WITH HEART FAILURE AND WITH STAGE 5 CHRONIC KIDNEY DISEASE, OR END STAGE RENAL DISEASE	DX	ICD-10-CM
Hypertension	115.0	RENOVASCULAR HYPERTENSION	DX	ICD-10-CM
Hypertension	115.1	HYPERTENSION SECONDARY TO OTHER RENAL DISORDERS	DX	ICD-10-CM
Hypertension	115.2	HYPERTENSION SECONDARY TO ENDOCRINE DISORDERS	DX	ICD-10-CM
Hypertension	115.8	OTHER SECONDARY HYPERTENSION	DX	ICD-10-CM
Hypertension	115.9	SECONDARY HYPERTENSION, UNSPECIFIED	DX	ICD-10-CM
Hypertension	116.0	HYPERTENSIVE URGENCY	DX	ICD-10-CM
Hypertension	116.1	HYPERTENSIVE EMERGENCY	DX	ICD-10-CM
Hypertension	116.9	HYPERTENSIVE CRISIS, UNSPECIFIED	DX	ICD-10-CM
Diabetes type 2	250.10	DIABETES WITH KETOACIDOSIS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.12	DIABETES WITH KETOACIDOSIS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.20	DIABETES WITH HYPEROSMOLARITY TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.22	DIABETES WITH HYPEROSMOLARITY TYPE II OR UNSPECIFIED TYPE UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.30	DIABETES WITH OTHER COMA TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.32	DIABETES WITH OTHER COMA TYPE II OR UNSPECIFIED TYPE UNCONTROLLED	DX	ICD-9-CM
Diabetes type 2	250.40	DIABETES WITH RENAL MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED	DX	ICD-9-CM

Diabetes type 2	E10.62	DIABETES WITH RENAL MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.62	DIABETES WITH OPHTHALMIC MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.62	DIABETES WITH OPHTHALMIC MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.60	DIABETES WITH NEUROLOGICAL MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.62	DIABETES WITH NEUROLOGICAL MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.70	DIABETES WITH PERIPHERAL CIRCULATORY DISORDERS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.72	DIABETES WITH PERIPHERAL CIRCULATORY DISORDERS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.80	DIABETES WITH OTHER SPECIFIED MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.82	DIABETES WITH OTHER SPECIFIED MANIFESTATIONS TYPE II OR UNSPECIFIED TYPE UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E10.90	DIABETES WITH UNSPECIFIED COMPLICATION TYPE II OR UNSPECIFIED TYPE NOT STATED AS UNCONTROLLED			DX	ICD-9-CM
Diabetes type 2	E11	TYPE 2 DIABETES MELLITUS			DX	ICD-10-CM
Diabetes type 2	E11.0	TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY			DX	ICD-10-CM
Diabetes type 2	E11.00	TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY WITHOUT NONKETOTIC HYPERGLYCEMIC-HYPEROSMOLAR COMA (NKHHC)			DX	ICD-10-CM
Diabetes type 2	E11.01	TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY WITH COMA			DX	ICD-10-CM
Diabetes type 2	E11.1	TYPE 2 DIABETES MELLITUS WITH KETOACIDOSIS			DX	ICD-10-CM
Diabetes type 2	E11.10	TYPE 2 DIABETES MELLITUS WITH KETOACIDOSIS WITHOUT COMA			DX	ICD-10-CM
Diabetes type 2	E11.11	TYPE 2 DIABETES MELLITUS WITH KETOACIDOSIS WITH COMA			DX	ICD-10-CM
Diabetes type 2	E11.2	TYPE 2 DIABETES MELLITUS WITH KIDNEY COMPLICATIONS			DX	ICD-10-CM
Diabetes type 2	E11.21	TYPE 2 DIABETES MELLITUS WITH DIABETIC NEPHROPATHY			DX	ICD-10-CM
Diabetes type 2	E11.22	TYPE 2 DIABETES MELLITUS WITH DIABETIC CHRONIC KIDNEY DISEASE			DX	ICD-10-CM
Diabetes type 2	E11.29	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC KIDNEY COMPLICATION			DX	ICD-10-CM
Diabetes type 2	E11.3	TYPE 2 DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS			DX	ICD-10-CM
Diabetes type 2	E11.31	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY			DX	ICD-10-CM
Diabetes type 2	E11.311	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITH MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.319	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.32	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY			DX	ICD-10-CM
Diabetes type 2	E11.321	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.3211	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, RIGHT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3212	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, LEFT EYE			DX	ICD-10-CM
Diabetes type 2	E11.323	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, BILATERAL			DX	ICD-10-CM
Diabetes type 2	E11.3219	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, UNSPECIFIED EYE			DX	ICD-10-CM
Diabetes type 2	E11.329	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.3291	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, RIGHT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3292	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, LEFT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3293	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, BILATERAL			DX	ICD-10-CM
Diabetes type 2	E11.3299	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, UNSPECIFIED EYE			DX	ICD-10-CM
Diabetes type 2	E11.33	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY			DX	ICD-10-CM
Diabetes type 2	E11.331	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.3311	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, RIGHT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3312	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, LEFT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3313	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, BILATERAL			DX	ICD-10-CM
Diabetes type 2	E11.3319	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA, UNSPECIFIED EYE			DX	ICD-10-CM
Diabetes type 2	E11.339	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA			DX	ICD-10-CM
Diabetes type 2	E11.3391	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, RIGHT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3392	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, LEFT EYE			DX	ICD-10-CM
Diabetes type 2	E11.3393	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, BILATERAL			DX	ICD-10-CM
Diabetes type 2	E11.3399	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA, UNSPECIFIED EYE			DX	ICD-10-CM
Diabetes type 2						

Diabetes type 2	E11.41	TYPE 2 DIABETES MELLITUS WITH DIABETIC MONONEUROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.42	TYPE 2 DIABETES MELLITUS WITH DIABETIC POLYNEUROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.43	TYPE 2 DIABETES MELLITUS WITH DIABETIC AUTONOMIC (POLY)NEUROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.44	TYPE 2 DIABETES MELLITUS WITH DIABETIC AMYOTROPHY	DX	ICD-10-CM
Diabetes type 2	E11.49	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC NEUROLOGICAL COMPLICATION	DX	ICD-10-CM
Diabetes type 2	E11.5	TYPE 2 DIABETES MELLITUS WITH CIRCULATORY COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.51	TYPE 2 DIABETES MELLITUS WITH DIABETIC PERIPHERAL ANGIOPATHY WITHOUT GANGRENE	DX	ICD-10-CM
Diabetes type 2	E11.52	TYPE 2 DIABETES MELLITUS WITH DIABETIC PERIPHERAL ANGIOPATHY WITH GANGRENE	DX	ICD-10-CM
Diabetes type 2	E11.59	TYPE 2 DIABETES MELLITUS WITH OTHER CIRCULATORY COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.6	TYPE 2 DIABETES MELLITUS WITH OTHER SPECIFIED COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.61	TYPE 2 DIABETES MELLITUS WITH DIABETIC ARTHROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.610	TYPE 2 DIABETES MELLITUS WITH DIABETIC NEUROPATHIC ARTHROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.618	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC ARTHROPATHY	DX	ICD-10-CM
Diabetes type 2	E11.62	TYPE 2 DIABETES MELLITUS WITH SKIN COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.620	TYPE 2 DIABETES MELLITUS WITH DIABETIC DERMATITIS	DX	ICD-10-CM
Diabetes type 2	E11.621	TYPE 2 DIABETES MELLITUS WITH FOOT ULCER	DX	ICD-10-CM
Diabetes type 2	E11.622	TYPE 2 DIABETES MELLITUS WITH OTHER SKIN ULCER	DX	ICD-10-CM
Diabetes type 2	E11.628	TYPE 2 DIABETES MELLITUS WITH OTHER SKIN COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.63	TYPE 2 DIABETES MELLITUS WITH ORAL COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.630	TYPE 2 DIABETES MELLITUS WITH PERIODONTAL DISEASE	DX	ICD-10-CM
Diabetes type 2	E11.638	TYPE 2 DIABETES MELLITUS WITH OTHER ORAL COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.64	TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIA	DX	ICD-10-CM
Diabetes type 2	E11.641	TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIA WITH COMA	DX	ICD-10-CM
Diabetes type 2	E11.649	TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIA WITHOUT COMA	DX	ICD-10-CM
Diabetes type 2	E11.65	TYPE 2 DIABETES MELLITUS WITH HYPERGLYCEMIA	DX	ICD-10-CM
Diabetes type 2	E11.69	TYPE 2 DIABETES MELLITUS WITH OTHER SPECIFIED COMPLICATION	DX	ICD-10-CM
Diabetes type 2	E11.8	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	E11.9	TYPE 2 DIABETES MELLITUS WITHOUT COMPLICATIONS	DX	ICD-10-CM
Diabetes type 2	024.1	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	DX	ICD-10-CM
Diabetes type 2	024.11	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY	DX	ICD-10-CM
Diabetes type 2	024.111	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, FIRST TRIMESTER	DX	ICD-10-CM
Diabetes type 2	024.112	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, SECOND TRIMESTER	DX	ICD-10-CM
Diabetes type 2	024.113	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, THIRD TRIMESTER	DX	ICD-10-CM
Diabetes type 2	024.119	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN PREGNANCY, UNSPECIFIED TRIMESTER	DX	ICD-10-CM
Diabetes type 2	024.12	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN CHILDBIRTH	DX	ICD-10-CM
Diabetes type 2	024.13	PRE-EXISTING TYPE 2 DIABETES MELLITUS, IN THE PUERPERIUM	DX	ICD-10-CM
Hyperlipidemia	272	DISORDERS OF LIPOID METABOLISM	DX	ICD-9-CM
Hyperlipidemia	272.0	PURE HYPERCHOLESTEROLEMIA	DX	ICD-9-CM
Hyperlipidemia	272.1	PURE HYPERGLYCERIDEMIA	DX	ICD-9-CM
Hyperlipidemia	272.2	MIXED HYPERLIPIDEMIA	DX	ICD-9-CM
Hyperlipidemia	272.3	HYPERCHYLOMICRONEMIA	DX	ICD-9-CM
Hyperlipidemia	272.4	OTHER AND UNSPECIFIED HYPERLIPIDEMIA	DX	ICD-9-CM
Hyperlipidemia	272.58	OTHER DISORDERS OF LIPOID METABOLISM	DX	ICD-9-CM
Hyperlipidemia	272.9	UNSPECIFIED DISORDER OF LIPOID METABOLISM	DX	ICD-9-CM
Hyperlipidemia	E78.0	PURE HYPERCHOLESTEROLEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.00	PURE HYPERCHOLESTEROLEMIA, UNSPECIFIED	DX	ICD-10-CM
Hyperlipidemia	E78.01	FAMILIAL HYPERCHOLESTEROLEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.1	PURE HYPERGLYCERIDEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.2	MIXED HYPERLIPIDEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.3	HYPERCHYLOMICRONEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.4	OTHER HYPERLIPIDEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.41	ELEVATED LIPOPROTEIN(A)	DX	ICD-10-CM
Hyperlipidemia	E78.49	OTHER HYPERLIPIDEMIA	DX	ICD-10-CM
Hyperlipidemia	E78.5	HYPERLIPIDEMIA, UNSPECIFIED	DX	ICD-10-CM
Smoking / Tobacco use	305.1	NONDEPENDENT TOBACCO USE DISORDER	DX	ICD-9-CM
Smoking / Tobacco use	649.0	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM	DX	ICD-9-CM
Smoking / Tobacco use	649.00	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM UNSPECIFIED AS TO EPISODE OF CARE OR NOT APPLICABLE	DX	ICD-9-CM
Smoking / Tobacco use	649.01	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM DELIVERED WITH OR WITHOUT MENTION OF ANTEPARTUM CONDITION	DX	ICD-9-CM
Smoking / Tobacco use	649.02	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM DELIVERED WITH MENTION OF POSTPARTUM COMPLICATION	DX	ICD-9-CM
Smoking / Tobacco use	649.03	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM ANTEPARTUM CONDITION OR COMPLICATION	DX	ICD-9-CM
Smoking / Tobacco use	649.04	TOBACCO USE DISORDER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM POSTPARTUM CONDITION OR COMPLICATION	DX	ICD-9-CM
Smoking / Tobacco use	989.84	TOXIC EFFECT OF TOBACCO	DX	ICD-9-CM
Smoking / Tobacco use	E869.4	SECOND HAND TOBACCO SMOKE	DX	ICD-9-CM
Smoking / Tobacco use	V15.82	PERSONAL HISTORY OF TOBACCO USE	DX	ICD-10-CM
Smoking / Tobacco use	F17.200	NICOTINE DEPENDENCE, UNSPECIFIED, UNCOMPLICATED	DX	ICD-10-CM
Smoking / Tobacco use	F17.201	NICOTINE DEPENDENCE, UNSPECIFIED, IN REMISSION	DX	ICD-10-CM
Smoking / Tobacco use	F17.203	NICOTINE DEPENDENCE UNSPECIFIED, WITH WITHDRAWAL	DX	ICD-10-CM
Smoking / Tobacco use	F17.208	NICOTINE DEPENDENCE, UNSPECIFIED, WITH OTHER NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.209	NICOTINE DEPENDENCE, UNSPECIFIED, WITH UNSPECIFIED NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.210	NICOTINE DEPENDENCE, CIGARETTES, UNCOMPLICATED	DX	ICD-10-CM
Smoking / Tobacco use	F17.211	NICOTINE DEPENDENCE, CIGARETTES, IN REMISSION	DX	ICD-10-CM
Smoking / Tobacco use	F17.213	NICOTINE DEPENDENCE, CIGARETTES, WITH WITHDRAWAL	DX	ICD-10-CM
Smoking / Tobacco use	F17.218	NICOTINE DEPENDENCE, CIGARETTES, WITH OTHER NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.219	NICOTINE DEPENDENCE, CIGARETTES, WITH UNSPECIFIED NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.220	NICOTINE DEPENDENCE, CHEWING TOBACCO, UNCOMPLICATED	DX	ICD-10-CM
Smoking / Tobacco use	F17.221	NICOTINE DEPENDENCE, CHEWING TOBACCO, IN REMISSION	DX	ICD-10-CM
Smoking / Tobacco use	F17.223	NICOTINE DEPENDENCE, CHEWING TOBACCO, WITH WITHDRAWAL	DX	ICD-10-CM
Smoking / Tobacco use	F17.228	NICOTINE DEPENDENCE, CHEWING TOBACCO, WITH OTHER NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.229	NICOTINE DEPENDENCE, CHEWING TOBACCO, WITH UNSPECIFIED NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.290	NICOTINE DEPENDENCE, OTHER TOBACCO PRODUCT, UNCOMPLICATED	DX	ICD-10-CM
Smoking / Tobacco use	F17.291	NICOTINE DEPENDENCE, OTHER TOBACCO PRODUCT, IN REMISSION	DX	ICD-10-CM
Smoking / Tobacco use	F17.293	NICOTINE DEPENDENCE, OTHER TOBACCO PRODUCT, WITH WITHDRAWAL	DX	ICD-10-CM
Smoking / Tobacco use	F17.298	NICOTINE DEPENDENCE, OTHER TOBACCO PRODUCT, WITH OTHER NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	F17.299	NICOTINE DEPENDENCE, OTHER TOBACCO PRODUCT, WITH UNSPECIFIED NICOTINE-INDUCED DISORDERS	DX	ICD-10-CM
Smoking / Tobacco use	099.330	SMOKING (TOBACCO) COMPLICATING PREGNANCY, UNSPECIFIED TRIMESTER	DX	ICD-10-CM
Smoking / Tobacco use	099.331	SMOKING (TOBACCO) COMPLICATING PREGNANCY, FIRST TRIMESTER	DX	ICD-10-CM
Smoking / Tobacco use	099.332	SMOKING (TOBACCO) COMPLICATING PREGNANCY, SECOND TRIMESTER	DX	ICD-10-CM
Smoking / Tobacco use	099.333	SMOKING (TOBACCO) COMPLICATING PREGNANCY, THIRD TRIMESTER	DX	ICD-10-CM
Smoking / Tobacco use	099.334	SMOKING (TOBACCO) COMPLICATING CHILDBIRTH	DX	ICD-10-CM
Smoking / Tobacco use	099.335	SMOKING (TOBACCO) COMPLICATING THE PUERPERIUM	DX	ICD-10-CM
Smoking / Tobacco use	T65.211A	TOXIC EFFECT OF CHEWING TOBACCO, ACCIDENTAL (UNINTENTIONAL), INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.212A	TOXIC EFFECT OF CHEWING TOBACCO, INTENTIONAL SELF-HARM, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.213A	TOXIC EFFECT OF CHEWING TOBACCO, ASSAULT, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.214A	TOXIC EFFECT OF CHEWING TOBACCO, UNDETERMINED, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.221A	TOXIC EFFECT OF TOBACCO CIGARETTES, ACCIDENTAL (UNINTENTIONAL), INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.222A	TOXIC EFFECT OF TOBACCO CIGARETTES, INTENTIONAL SELF-HARM, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.223A	TOXIC EFFECT OF TOBACCO CIGARETTES, ASSAULT, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.224A	TOXIC EFFECT OF TOBACCO CIGARETTES, UNDETERMINED, INITIAL ENCOUNTER	DX	ICD-10-CM
Smoking / Tobacco use	T65.291A	TOXIC EFFECT OF OTHER TOBACCO AND NICOTINE, ACCIDENTAL (UNINTENTIONAL), INITIAL ENCOUNTER	DX	ICD-10-CM

[illegible]

[illegible]

		CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT ANTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.421	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT ANTERIOR CEREBAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.422	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL ANTERIOR CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.423	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED ANTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.429	CEREBRAL INFARCTION DUE TO EMBOLISM OF POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.43	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.431	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.432	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL POSTERIOR CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.433	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.439	CEREBRAL INFARCTION DUE TO EMBOLISM OF CEREELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.44	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.441	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.442	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL CEREBELLAR ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.443	CEREBRAL INFARCTION DUE TO EMBOLISM OF OTHER CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.449	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.45	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF MIDDLE CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.50	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT MIDDLE CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.51	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT MIDDLE CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.511	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL MIDDLE CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.512	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED MIDDLE CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.513	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF ANTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.519	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL POSTERIOR CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.52	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.521	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT ANTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.522	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.523	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL ANTERIOR CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.529	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED ANTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.53	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.531	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.532	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.533	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL POSTERIOR CEREBRAL ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.539	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.54	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.541	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.542	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.543	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL CEREBELLAR ARTERIES		Dx	ICD-10-CM
Ischemic stroke	I63.549	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED CEREBELLAR ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.59	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF OTHER CEREBRAL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.6	CEREBRAL INFARCTION DUE TO CEREBRAL VENOUS THROMBOSIS, NONPYOGENIC		Dx	ICD-10-CM
Ischemic stroke	I63.8	OTHER CEREBRAL INFARCTION		Dx	ICD-10-CM
Ischemic stroke	I63.81	OTHER CEREBRAL INFARCTION DUE TO OCCLUSION OR STENOSIS OF SMALL ARTERY		Dx	ICD-10-CM
Ischemic stroke	I63.89	OTHER CEREBRAL INFARCTION		Dx	ICD-10-CM
Ischemic stroke	I63.9	CEREBRAL INFARCTION, UNSPECIFIED		Dx	ICD-10-CM
History of any MI	410	ACUTE MYOCARDIAL INFARCTION		Dx	ICD-9-CM
History of any MI	410.0	ACUTE MYOCARDIAL INFARCTION OF ANTROLATERAL WALL		Dx	ICD-9-CM
History of any MI	410.00	ACUTE MYOCARDIAL INFARCTION OF ANTROLATERAL WALL EPISODE OF CARE UNSPECIFIED		Dx	ICD-9-CM
History of any MI	410.01	ACUTE MYOCARDIAL INFARCTION OF ANTROLATERAL WALL INITIAL EPISODE OF CARE		Dx	ICD-9-CM
History of any MI	410.02	ACUTE MYOCARDIAL INFARCTION OF ANTROLATERAL WALL SUBSEQUENT EPISODE OF CARE		Dx	ICD-9-CM
History of any MI	410.1	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL		Dx	ICD-9-CM
History of any MI	410.10	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL EPISODE OF CARE UNSPECIFIED		Dx	ICD-9-CM
History of any MI	410.11	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL INITIAL EPISODE OF CARE		Dx	ICD-9-CM
History of any MI	410.12	ACUTE MYOCARDIAL INFARCTION OF OTHER ANTERIOR WALL SUBSEQUENT EPISODE OF CARE		Dx	ICD-9-CM
History of any MI	410.2	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL		Dx	ICD-9-CM
History of any MI	410.20	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL EPISODE OF CARE UNSPECIFIED		Dx	ICD-9-CM
History of any MI	410.21	ACUTE MYOCARDIAL INFARCTION OF INFEROLATERAL WALL INITIAL EPISODE OF CARE		Dx	ICD-9-C

History of any MI	I22.8	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF OTHER SITES	DX	ICD-10-CM
History of any MI	I22.9	SUBSEQUENT ST ELEVATION (STEMI) MYOCARDIAL INFARCTION OF UNSPECIFIED SITE	DX	ICD-10-CM
History of any MI	I23.0	HEMOPERICARDIUM AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.1	ATRIAL SEPTAL DEFECT AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.2	VENTRICULAR SEPTAL DEFECT AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.3	RUPTURE OF CARDIAC WALL WITHOUT HEMOPERICARDIUM AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.4	RUPTURE OF CHORDAE TENDINEAE AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.5	RUPTURE OF PAPILLARY MUSCLE AS CURRENT COMPLICATION FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.6	THROMBOSIS OF ATRIUM, AURICULAR APPENDAGE, AND VENTRICLE AS CURRENT COMPLICATIONS FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I23.7	POSTINFARCTION ANGINA	DX	ICD-10-CM
History of any MI	I23.8	OTHER CURRENT COMPLICATIONS FOLLOWING ACUTE MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any MI	I25.2	OLD MYOCARDIAL INFARCTION	DX	ICD-10-CM
History of any PCI	00.66	PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY (PTCA)	PX	ICD-9-CM
History of any PCI	36.06	INSERTION OF NON-DRUG-ELUTING CORONARY ARTERY STENT(S)	PX	ICD-9-CM
History of any PCI	36.07	INSERTION OF DRUG-ELUTING CORONARY ARTERY STENT(S)	PX	ICD-9-CM
History of any PCI	36.09	OTHER REMOVAL OF CORONARY ARTERY OBSTRUCTION	PX	ICD-10-CM
History of any PCI	270046	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027004Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	270056	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027005Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	270066	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027006Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	270076	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	DX	ICD-10-CM
History of any PCI	027007Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027008Z	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027009Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027006E	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02700EZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02700F6	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02700FZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0270066	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027006E	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0270016	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027001Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0270026	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027002Z	DILATION OF CORONARY ARTERY, ONE ARTERY, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	270346	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027034Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	270356	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027035Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	270366	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027036Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	270376	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027037Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027038Z	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027030Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027036E	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	02703EZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	02703F6	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	02703FZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	0270346	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027030Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	0270316	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH RADIOACTIVE INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027031Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH RADIOACTIVE INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	0270326	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027032Z	DILATION OF CORONARY ARTERY, ONE ARTERY, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	270446	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027044Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	270456	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027045Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	270466	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027046Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	270476	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027047Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	0270406	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027040Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027046E	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	02704EZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH TWO INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	02704F6	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH THREE INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	02704FZ	DILATION OF CORONARY ARTERY, ONE ARTERY WITH THREE INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	0270466	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH FOUR OR MORE INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027040Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH FOUR OR MORE INTRALUMINAL DEVICES, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	0270416	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, WITH RADIOACTIVE INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	027041Z	DILATION OF CORONARY ARTERY, ONE ARTERY WITH RADIOACTIVE INTRALUMINAL DEVICE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	0270426	DILATION OF CORONARY ARTERY, ONE ARTERY, BIFURCATION, PERCUTANEOUS ENDOSCOPIC APPROACH	DX	ICD-10-CM
History of any PCI	027042Z	DILATION OF CORONARY ARTERY, ONE ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any PCI	270746	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027104Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH DRUG-ELUTING INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	271056	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027105Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	271066	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027106Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH THREE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	271076	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027107Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH FOUR OR MORE DRUG-ELUTING INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0271006	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027100Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027106E	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02710EZ	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH TWO INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02710F6	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	02710FZ	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH THREE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0271066	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027106Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH FOUR OR MORE INTRALUMINAL DEVICES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0271016	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027101Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH RADIOACTIVE INTRALUMINAL DEVICE, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	0271026	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	027102Z	DILATION OF CORONARY ARTERY, TWO ARTERIES, OPEN APPROACH	PX	ICD-10-CM
History of any PCI	271346	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	027134Z	DILATION OF CORONARY ARTERY, TWO ARTERIES WITH DRUG-ELUTING INTRALUMINAL DEVICE, PERCUTANEOUS APPROACH	PX	ICD-10-CM
History of any PCI	271356	DILATION OF CORONARY ARTERY, TWO ARTERIES, BIFURCATION, WITH TWO DRUG-ELUTING INTRALUMINAL DEVICES, PERCUTANEOUS APPROACH	PX	ICD-10-CM

[illegible]

[illegible]

[illegible]

[illegible]

History of any CABG	02134JF	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134JW	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM AORTA WITH SYNTHETIC SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134K3	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM CORONARY ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134K6	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM RIGHT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134K9	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM LEFT INTERNAL MAMMARY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134KC	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM THORACIC ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134KF	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134KW	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM AORTA WITH NONAUTOLOGOUS TISSUE SUBSTITUTE, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134Z3	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM CORONARY ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134ZB	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM RIGHT INTERNAL MAMMARY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134Z9	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM LEFT INTERNAL MAMMARY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134ZC	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM THORACIC ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	02134ZF	BYPASS CORONARY ARTERY, FOUR OR MORE ARTERIES FROM ABDOMINAL ARTERY, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	021K0Z5	BYPASS RIGHT VENTRICLE TO CORONARY CIRCULATION, OPEN APPROACH	PX	ICD-10-CM
History of any CABG	021K4Z5	BYPASS RIGHT VENTRICLE TO CORONARY CIRCULATION, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	021L0Z5	BYPASS LEFT VENTRICLE TO CORONARY CIRCULATION, OPEN APPROACH	PX	ICD-10-CM
History of any CABG	021L4Z5	BYPASS LEFT VENTRICLE TO CORONARY CIRCULATION, PERCUTANEOUS ENDOSCOPIC APPROACH	PX	ICD-10-CM
History of any CABG	33140	TRANSMYOCARDIAL LASER REVASCULARIZATION, BY THORACOTOMY, (SEPARATE PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33141	TRANSMYOCARDIAL LASER REVASCULARIZATION, BY THORACOTOMY, PERFORMED AT THE TIME OF OTHER OPEN CARDIAC PROCEDURE(S) (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33510	CORONARY ARTERY BYPASS, VEIN ONLY, SINGLE CORONARY VENOUS GRAFT	PX	CPT/HCPCS
History of any CABG	33511	CORONARY ARTERY BYPASS, VEIN ONLY, 2 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
History of any CABG	33512	CORONARY ARTERY BYPASS, VEIN ONLY, 3 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
History of any CABG	33513	CORONARY ARTERY BYPASS, VEIN ONLY, 4 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
History of any CABG	33514	CORONARY ARTERY BYPASS, VEIN ONLY, 5 CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
History of any CABG	33516	CORONARY ARTERY BYPASS, VEIN ONLY, 6 OR MORE CORONARY VENOUS GRAFTS	PX	CPT/HCPCS
History of any CABG	33517	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); SINGLE VEIN GRAFT (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33518	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 2 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33519	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 3 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33521	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 4 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33522	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 5 VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33523	CORONARY ARTERY BYPASS, USING VENOUS GRAFT(S) AND ARTERIAL GRAFT(S); 6 OR MORE VENOUS GRAFTS (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33530	REOPERATION, CORONARY ARTERY BYPASS PROCEDURE OR VALVE PROCEDURE, MORE THAN 1 MONTH AFTER ORIGINAL OPERATION (LIST SEPARATELY IN ADDITION TO CODE FOR PRIMARY PROCEDURE)	PX	CPT/HCPCS
History of any CABG	33533	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); SINGLE ARTERIAL GRAFT	PX	CPT/HCPCS
History of any CABG	33534	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 2 CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
History of any CABG	33535	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 3 CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
History of any CABG	33536	CORONARY ARTERY BYPASS, USING ARTERIAL GRAFT(S); 4 OR MORE CORONARY ARTERIAL GRAFTS	PX	CPT/HCPCS
History of any CABG	33545	REPAIR OF POSTINFARCTION VENTRICULAR SEPTAL DEFECT, WITH OR WITHOUT MYOCARDIAL RESECTION	PX	CPT/HCPCS
History of any CABG	33572	CORONARY ENDARTERECTOMY OPEN, ANY METHOD, OF LEFT ANTERIOR DESCENDING, CIRCUMFLEX, OR RIGHT CORONARY ARTERY PERFORMED IN CONJUNCTION WITH CORONARY ARTERY BYPASS GRAFT PROCEDURE, EACH VESSEL (LIST SEPARATELY IN ADDITION TO PRIMARY PROCEDURE)	PX	CPT/HCPCS
ACE/ARB	ALISKIREN/VALSARTAN		RX	Generic
ACE/ARB	AMLODIPINE BESYLATE/BENAZEPRIL HCL		RX	Generic
ACE/ARB	AMLODIPINE BESYLATE/OLMESARTAN MEDOXOMIL		RX	Generic
ACE/ARB	AMLODIPINE BESYLATE/VALSARTAN		RX	Generic
ACE/ARB	AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	AZILSARTAN MEDOXOMIL		RX	Generic
ACE/ARB	AZILSARTAN MEDOXOMIL/CHLORTHALIDONE		RX	Generic
ACE/ARB	BENAZEPRIL HCL		RX	Generic
ACE/ARB	BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	CANDESARTAN CILEXETIL		RX	Generic
ACE/ARB	CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	CAPTOPRIL		RX	Generic
ACE/ARB	CAPTOPRIL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	ENALAPRIL MALEATE		RX	Generic
ACE/ARB	ENALAPRIL MALEATE/DILTIAZEM MALEATE		RX	Generic
ACE/ARB	ENALAPRIL MALEATE/FELODIPINE		RX	Generic
ACE/ARB	ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	EPROSARTAN MESYLATE		RX	Generic
ACE/ARB	EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	FOSINOPRIL SODIUM		RX	Generic
ACE/ARB	FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	IRBESARTAN		RX	Generic
ACE/ARB	IRBESARTAN/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	LISINAPRIL		RX	Generic
ACE/ARB	LISINAPRIL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	LOSARTAN POTASSIUM		RX	Generic
ACE/ARB	LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	MOEXIPRIL HCL		RX	Generic
ACE/ARB	MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	NEBIVOLOL HCL/VALSARTAN		RX	Generic
ACE/ARB	OLMESARTAN MEDOXOMIL		RX	Generic
ACE/ARB	OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	PERINDOPRIL ARGinine/AMLODIPINE BESYLATE		RX	Generic
ACE/ARB	PERINDOPRIL ERBUMINE		RX	Generic
ACE/ARB	QUINAPRIL HCL		RX	Generic
ACE/ARB	QUINAPRIL HCL/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	RAMIPRIL		RX	Generic
ACE/ARB	TELMISARTAN		RX	Generic
ACE/ARB	TELMISARTAN/AMLODIPINE BESYLATE		RX	Generic
ACE/ARB	TELMISARTAN/HYDROCHLOROTHIAZIDE		RX	Generic
ACE/ARB	TRANDOLAPRIL		RX	Generic
ACE/ARB	TRANDOLAPRIL/VERAPAMIL HCL		RX	Generic
ACE/ARB	VALSARTAN		RX	Generic
ACE/ARB	VALSARTAN/HYDROCHLOROTHIAZIDE		RX	Generic
Beta-blockers	ACEBUTOLOL HCL		RX	Generic
Beta-blockers	ATENOLOL		RX	Generic
Beta-blockers	ATENOLOL/CHLORTHALIDONE		RX	Generic
Beta-blockers	BETAXOLOL HCL		RX	Generic
Beta-blockers	BISOPROLOL FUMARATE		RX	Generic
Beta-blockers	BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE		RX	Generic
Beta-blockers	BRIMONIDINE TARTRATE/TIMOLOL MALEATE		RX	Generic
Beta-blockers	CARTEOLOL HCL		RX	Generic
Beta-blockers	CARVEDILOL		RX	Generic
Beta-blockers	CARVEDILOL PHOSPHATE		RX	Generic
Beta-blockers	DORZOLAMIDE HCL/TIMOLOL MALEATE		RX	Generic
Beta-blockers	DORZOLAMIDE HCL/TIMOLOL MALEATE/PF		RX	Generic
Beta-blockers	LABETALOL HCL		RX	Generic
Beta-blockers	LEVOBUNOLOL HCL		RX	Generic
Beta-blockers	METOPROLOL SUCCINATE		RX	Generic
Beta-blockers	METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE		RX	Generic

Beta-blockers	METOPROLOL TARTRATE	RX	Generic
Beta-blockers	METOPROLOL TARTRATE/DIETARY SUPPLEMENT/COMB.10	RX	Generic
Beta-blockers	METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE	RX	Generic
Beta-blockers	NADOLOL	RX	Generic
Beta-blockers	NADOLOL/BENDROFLUMETHIAZIDE	RX	Generic
Beta-blockers	NEBIVOLOL HCL	RX	Generic
Beta-blockers	NEBIVOLOL HCL/VALSARTAN	RX	Generic
Beta-blockers	PINDOLOL	RX	Generic
Beta-blockers	PROPRANOLOL HCL	RX	Generic
Beta-blockers	PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE	RX	Generic
Beta-blockers	SOTALOL HCL	RX	Generic
Beta-blockers	TIMOLOL	RX	Generic
Beta-blockers	TIMOLOL MALEATE/BRIMONIDINE TAR/DORZOLAMIDE HCL/LATANOPROST/PF	RX	Generic
Beta-blockers	TIMOLOL MALEATE	RX	Generic
Beta-blockers	TIMOLOL MALEATE/BRIMONIDINE TARTRATE/DORZOLAMIDE HCL/PF	RX	Generic
Beta-blockers	TIMOLOL MALEATE/DORZOLAMIDE HCL/LATANOPROST/PF	RX	Generic
Beta-blockers	TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE	RX	Generic
Beta-blockers	TIMOLOL MALEATE/LATANOPROST/PF	RX	Generic
Beta-blockers	TIMOLOL MALEATE/PF	RX	Generic
Statins	AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM	RX	Generic
Statins	ASPIRIN (CALCIUM CARB & MAGNESIUM BUFFERS)/PRAVASTATIN	RX	Generic
Statins	ATORVASTATIN CALCIUM	RX	Generic
Statins	EZETIMIBE/ATORVASTATIN CALCIUM	RX	Generic
Statins	EZETIMIBE/ROSUVASTATIN CALCIUM	RX	Generic
Statins	EZETIMIBE/SIMVASTATIN	RX	Generic
Statins	FLUVASTATIN SODIUM	RX	Generic
Statins	LOVASTATIN	RX	Generic
Statins	NIACIN/LOVASTATIN	RX	Generic
Statins	NIACIN/SIMVASTATIN	RX	Generic
Statins	PITAVASTATIN CALCIUM	RX	Generic
Statins	PITAVASTATIN MAGNESIUM	RX	Generic
Statins	PRAVASTATIN SODIUM	RX	Generic
Statins	ROSUVASTATIN CALCIUM	RX	Generic
Statins	SIMVASTATIN	RX	Generic
Statins	SITAGLIPTIN PHOSPHATE/SIMVASTATIN	RX	Generic
Insulins	INSULIN ASPART	RX	Generic
Insulins	INSULIN ASPART (NIACINAMIDE)	RX	Generic
Insulins	INSULIN ASPART PROTAMINE HUMAN/INSULIN ASPART	RX	Generic
Insulins	INSULIN DEGLUDEC	RX	Generic
Insulins	INSULIN DEGLUDEC/LIRAGLUTIDE	RX	Generic
Insulins	INSULIN DETEMIR	RX	Generic
Insulins	INSULIN GLARGINE HUMAN RECOMBINANT ANALOG	RX	Generic
Insulins	INSULIN GLARGINE HUMAN RECOMBINANT ANALOG/LIXISENATIDE	RX	Generic
Insulins	INSULIN GLARGINE-YFYN	RX	Generic
Insulins	INSULIN GLULISINE	RX	Generic
Insulins	INSULIN INHALATION CHAMBER	RX	Generic
Insulins	INSULIN ISOPHANE NPH/BF-PK	RX	Generic
Insulins	INSULIN ISOPHANE.BEEF	RX	Generic
Insulins	INSULIN ISOPHANE.BEEF PURE	RX	Generic
Insulins	INSULIN ISOPHANE.PORK PURE	RX	Generic
Insulins	INSULIN LISPRO	RX	Generic
Insulins	INSULIN LISPRO PROTAMINE AND INSULIN LISPRO	RX	Generic
Insulins	INSULIN LISPRO-AABC	RX	Generic
Insulins	INSULIN NPH HUMAN AND INSULIN REGULAR HUMAN SEMI-SYNTHETIC	RX	Generic
Insulins	INSULIN NPH HUMAN ISOPHANE	RX	Generic
Insulins	INSULIN NPH HUMAN ISOPHANE/INSULIN REGULAR, HUMAN	RX	Generic
Insulins	INSULIN NPH HUMAN SEMI-SYNTHETIC	RX	Generic
Insulins	INSULIN PEN, REUSABLE, BLUETOOTH FOR USE WITH INSULIN ASPART	RX	Generic
Insulins	INSULIN PEN, REUSABLE, BLUETOOTH FOR USE WITH INSULIN LISPRO	RX	Generic
Insulins	INSULIN POWDER INHALER/INSULIN INHALATION CHAMBER	RX	Generic
Insulins	INSULIN PROTAMINE ZINC.BEEF	RX	Generic
Insulins	INSULIN PROTAMINE ZINC.BEEF (P)	RX	Generic
Insulins	INSULIN PROTAMINE ZN/BF-PK	RX	Generic
Insulins	INSULIN PROTAMINE ZN/PORK (P)	RX	Generic
Insulins	INSULIN PUMP CARTRIDGE	RX	Generic
Insulins	INSULIN PUMP CONTROLLER	RX	Generic
Insulins	INSULIN PUMP SYRINGE, 1.8 ML	RX	Generic
Insulins	INSULIN PUMP SYRINGE, 3 ML	RX	Generic
Insulins	INSULIN PUMP/INFUSION SET/BLOOD-GLUCOSE METER	RX	Generic
Insulins	INSULIN REG HUMAN SEMI-SYN	RX	Generic
Insulins	INSULIN REG, HUM S-S-BUFF	RX	Generic
Insulins	INSULIN REGULAR, HUMAN	RX	Generic
Insulins	INSULIN REGULAR, HUMAN IN 0.9 % SODIUM CHLORIDE	RX	Generic
Insulins	INSULIN REGULAR, HUMAN/INSULIN RELEASE UNIT	RX	Generic
Insulins	INSULIN REGULAR, HUMAN/INSULIN RELEASE UNIT/CHAMBER/INHALER	RX	Generic
Insulins	INSULIN REGULAR.BEEF-PORK	RX	Generic
Insulins	INSULIN REGULAR/HUMAN BUFFERED	RX	Generic
Insulins	INSULIN RELEASE UNIT	RX	Generic
Insulins	INSULIN ZINC BEEF	RX	Generic
Insulins	INSULIN ZINC EXT.BEEF (P)	RX	Generic
Insulins	INSULIN ZINC EXTENDED HUMAN RECOMBINANT	RX	Generic
Insulins	INSULIN ZINC EXTENDED.BEEF	RX	Generic
Insulins	INSULIN ZINC EXTENDED/BF-PK	RX	Generic
Insulins	INSULIN ZINC HUMAN RECOMBINANT	RX	Generic
Insulins	INSULIN ZINC HUMAN SEMI-SYN	RX	Generic
Insulins	INSULIN ZINC PROMPT.BEEF	RX	Generic
Insulins	INSULIN ZINC PROMPT/BF-PK	RX	Generic
Insulins	INSULIN ZINC PROMPT.PORK PURE	RX	Generic
Insulins	INSULIN ZINC.BEEF PURIFIED	RX	Generic
Insulins	INSULIN ZINC.BEEF PURIFIED/INSULIN ZINC.PORK PURIFIED	RX	Generic
Insulins	INSULIN ZINC.BEEF-PORK	RX	Generic
Insulins	INSULIN ZINC.PORK PURIFIED	RX	Generic
Insulins	INSULIN.BEEF	RX	Generic
Insulins	INSULIN.PORK	RX	Generic
Insulins	INSULIN.PORK PURIFIED	RX	Generic
Insulins	INSULIN.PORK PURIFIED/INSULIN ISOPHANE.PORK PURE	RX	Generic
Insulins	INSULIN.PORK REG. CONCENTRATE	RX	Generic
DOAK	APIXABAN	RX	Generic
DOAK	BETRIXABAN MALEATE	RX	Generic

DOAK	DABIGATRAN ETEXILATE MESYLATE				RX	Generic		
DOAK	EDOXABAN TOSYLATE				RX	Generic		
DOAK	RIVAROXABAN				RX	Generic		
VKA	WARFARIN SODIUM				RX	Generic		

Variable	Code	Name	Code_category	Code_type	Notes
Myocardial infarction	I21	Akuter Myokardinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.0	Akuter transmuraler Myokardinfarkt der Vorderwand	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.1	Akuter transmuraler Myokardinfarkt der Hinterwand	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.2	Akuter transmuraler Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.3	Akuter transmuraler Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.4	Akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.40	Akuter subendokardialer Myokardinfarkt, Typ-1-Infarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.41	Akuter subendokardialer Myokardinfarkt, Typ-2-Infarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.48	Sonstiger und nicht naeher bezeichneter akuter subendokardialer Myokardinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I21.9	Akuter Myokardinfarkt, nicht naeher bezeichnet	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I22	Rezidivierender Myokardinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I22.0	Rezidivierender Myokardinfarkt der Vorderwand	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I22.1	Rezidivierender Myokardinfarkt der Hinterwand	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I22.8	Rezidivierender Myokardinfarkt an sonstigen Lokalisationen	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Myocardial infarction	I22.9	Rezidivierender Myokardinfarkt an nicht naeher bezeichneter Lokalisation	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63	Hirinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.0	Hirinfarkt durch Thrombose praezerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.1	Hirinfarkt durch Embolie praezerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.2	Hirinfarkt durch nicht naeher bezeichneten Verschluss oder Stenose praezerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.3	Hirinfarkt durch Thrombose zerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.4	Hirinfarkt durch Embolie zerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.5	Hirinfarkt durch nicht naeher bezeichneten Verschluss oder Stenose zerebraler Arterien	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.6	Hirinfarkt durch Thrombose der Hirnvenen, nichteitrig	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.8	Sonstiger Hirinfarkt	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
Ischmeic stroke	I63.9	Hirinfarkt, nicht naeher bezeichnet	DX	ICD-10-GM	MACE component (death, myocardial infarction, ischemic stroke)
bleeding-related hospitalization (indicate bleeding)	I60	Subarachnoidalblutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.0	Subarachnoidalblutung, vom Karotissiphon oder der Karotisbifurkation ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.1	Subarachnoidalblutung, von der A. cerebri media ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.2	Subarachnoidalblutung, von der A. communicans anterior ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.3	Subarachnoidalblutung, von der A. communicans posterior ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.4	Subarachnoidalblutung, von der A. basilaris ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.5	Subarachnoidalblutung, von der A. vertebralis ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.6	Subarachnoidalblutung, von sonstigen intrakraniellen Arterien ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.7	Subarachnoidalblutung, von nicht naeher bezeichneter intrakranieller Arterie ausgehend	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.8	Sonstige Subarachnoidalblutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I60.9	Subarachnoidalblutung, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61	Intrazerebrale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.0	Intrazerebrale Blutung in die Großhirnhemisphaere, subkortikal	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.1	Intrazerebrale Blutung in die Großhirnhemisphaere, kortikal	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.2	Intrazerebrale Blutung in die Großhirnhemisphaere, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.3	Intrazerebrale Blutung in den Hirnstamm	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.4	Intrazerebrale Blutung in das Kleinhirn	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.5	Intrazerebrale intraventrikulaere Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.6	Intrazerebrale Blutung an mehreren Lokalisationen	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.8	Sonstige intrazerebrale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I61.9	Intrazerebrale Blutung, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.-	Sonstige nichttraumatische intrakranielle Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.0-	Nichttraumatische subdurale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.00	Akut	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.01	Subakut	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.02	Chronisch	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.09	Nicht naeher bezeichnet	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.1	Nichttraumatische extradurale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I62.9	Intrakranielle Blutung (nichttraumatisch), nicht naeher bezeichnet	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.23	Multiple intrazerebrale und zerebellare Haematome	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.33	Umschriebenes zerebrales Haematom	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.34	Umschriebenes zerebellares Haematom	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.4	Epidurale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.5	Traumatische subdurale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	S06.6	Traumatische subarachnoidale Blutung	DX	ICD-10-GM	Site: Intracranial
bleeding-related hospitalization (indicate bleeding)	I98.3	oesophagus- und Magenvarizen bei anderenorts klassifizierten Krankheiten, mit Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K25.0	Ulcus ventriculi : Akut, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K25.2	Ulcus ventriculi : Akut, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K25.4	Ulcus ventriculi : Chronisch oder nicht naeher bezeichnet, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K25.6	Ulcus ventriculi : Chronisch oder nicht naeher bezeichnet, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal

bleeding-related hospitalization (indicate bleeding)	K26.0	Ulcus duodeni : Akut, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K26.2	Ulcus duodeni : Akut, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K26.4	Ulcus duodeni : Chronisch oder nicht naeher bezeichnet, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K26.6	Ulcus duodeni : Chronisch oder nicht naeher bezeichnet, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K27.0	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Akut, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K27.2	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Akut, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K27.4	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Chronisch oder nicht naeher bezeichnet, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K27.6	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Chronisch oder nicht naeher bezeichnet, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K28.0	Ulcus pepticum jejuni : Akut, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K28.2	Ulcus pepticum jejuni : Akut, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K28.4	Ulcus pepticum jejuni : Chronisch oder nicht naeher bezeichnet, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K28.6	Ulcus pepticum jejuni : Chronisch oder nicht naeher bezeichnet, mit Blutung und Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K29.0	Akute haemorrhagische Gastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	I85.0	oesophagusvarizen mit Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K22.6	Mallory-Weiss-Syndrom	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K22.81	oesophagusblutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K92.0	Hematemesis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K31.82	Angiodysplasie/Angiektasie des Magens oder Duodenums mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K55.22	Angiodysplasie des Kolons mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K55.32	Angiodysplasie des Duennndarms mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.03	Divertikulitis des Duennndarms mit Perforation, Abszess und Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.11	Divertikulose des Duennndarms ohne Perforation und Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.13	Divertikulitis des Duennndarms ohne Perforation und Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.23	Divertikulitis des Dickdarmes mit Perforation, Abszess und Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.31	Divertikulose des Dickdarmes ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.33	Divertikulitis des Dickdarmes ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.43	Divertikulitis sowohl des Duennndarmes als auch des Dickdarmes mit Perforation, Abszess und Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.51	Divertikulose sowohl des Duennndarmes als auch des Dickdarmes ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.53	Divertikulitis sowohl des Duennndarmes als auch des Dickdarmes ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.83	Divertikulitis des Darmes, Teil nicht naeher bezeichnet, mit Perforation, Abszess und Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.91	Divertikulose des Darmes, Teil nicht naeher bezeichnet, ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K57.93	Divertikulitis des Darmes, Teil nicht naeher bezeichnet, ohne Perforation oder Abszess, mit Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K62.5-	Haemorrhagie des Anus und des Rektums	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K62.50	Haemorrhagie des Anus	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K62.51	Haemorrhagie des Rektums	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K62.59	Anorektale Haemorrhagie, Lokalisation nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K92.1	Melaena	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	K92.2	Gastrointestinale Blutung, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (indicate bleeding)	R31	Nicht naeher bezeichnete Haematurie	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	N89.7	Haematokolpos	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	N93.0	Postkoitale Blutung und Kontaktblutung	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	N93.8	Sonstige naeher bezeichnete abnorme Uterus- oder Vaginalblutung	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	N93.9	Abnorme Uterus- oder Vaginalblutung, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	N95.0	Postmenopausenblutung	DX	ICD-10-GM	Site: Genitourinary
bleeding-related hospitalization (indicate bleeding)	H31.3	Blutung und Ruptur der Aderhaut	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	H43.1	Glaskoerperblutung	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	I31.2	Haemoperikard	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	K66.1	Haemoperitoneum	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.0-	Haemarthros	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.00	Haemarthros : Mehrere Lokalisationen	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.01	Haemarthros : Schulterregion [Klavikula, Skapula, Akromioklavikular-, Schulter-, Sternoklavikulargelenk]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.02	Haemarthros : Oberarm [Humerus, Ellenbogengelenk]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.03	Haemarthros : Unterarm [Radius, Ulna, Handgelenk]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.04	Haemarthros : Hand [Finger, Handwurzel, Mittelhand, Gelenke zwischen diesen Knochen]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.05	Haemarthros : Beckenregion und Oberschenkel [Becken, Femur, Gesaß, Huefte, Huefftelenk, Iliosakralgelenk]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.06	Haemarthros : Unterschenkel [Fibula, Tibia, Kniegelenk]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.07	Haemarthros : Knoechel und Fuß [Fußwurzel, Mittelfuß, Zehen, Sprunggelenk, sonstige Gelenke des Fußes]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.08	Haemarthros : Sonstige [Hals, Kopf, Rippen, Rumpf, Schaedel, Wirbelsaeule]	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	M25.09	Haemarthros : Nicht naeher bezeichnete Lokalisation	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	R04.0	Epistaxis	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	R04.1	Blutung aus dem Rachen	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	R04.2	Haemoptoe	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	R04.8	Blutung aus sonstigen Lokalisationen in den Atemwegen	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	R04.9	Blutung aus den Atemwegen, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Other
bleeding-related hospitalization (indicate bleeding)	D68.3-	Haemorrhagische Diathese durch Antikoagulanzen und Antikoerper	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (indicate bleeding)	D68.33	Haemorrhagische Diathese durch Cumarine (Vitamin-K-Antagonisten)	DX	ICD-10-GM	Site: Unspecified

bleeding-related hospitalization (indicate bleeding)	D68.34	Haemorrhagische Diathese durch Heparine	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (indicate bleeding)	D68.35	Haemorrhagische Diathese durch sonstige Antikoagulanzen	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (indicate bleeding)	R58	Blutung, andernorts nicht klassifiziert	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (may indicate bleeding)	I85.9	oesophagusvarizen ohne Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	I98.2	oesophagus- und Magenvarizen bei anderenorts klassifizierten Krankheiten, ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K22.1	oesophagusulkus	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K25.1	Ulcus ventriculi : Akut, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K25.3	Ulcus ventriculi : Akut, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K25.5	Ulcus ventriculi : Chronisch oder nicht naeher bezeichnet, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K25.7	Ulcus ventriculi : Chronisch, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K25.9	Ulcus ventriculi : Weder als akut noch als chronisch bezeichnet, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K26.1	Ulcus duodeni : Akut, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K26.3	Ulcus duodeni : Akut, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K26.5	Ulcus duodeni : Chronisch oder nicht naeher bezeichnet, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K26.7	Ulcus duodeni : Chronisch, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K26.9	Ulcus duodeni : Weder als akut noch als chronisch bezeichnet, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K27.1	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Akut, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K27.3	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Akut, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K27.5	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Chronisch oder nicht naeher bezeichnet, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K27.7	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Chronisch, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K27.9	Ulcus pepticum, Lokalisation nicht naeher bezeichnet : Weder als akut noch als chronisch bezeichnet, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K28.1	Ulcus pepticum jejun : Akut, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K28.3	Ulcus pepticum jejun : Akut, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K28.5	Ulcus pepticum jejun : Chronisch oder nicht naeher bezeichnet, mit Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K28.7	Ulcus pepticum jejun : Chronisch, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K28.9	Ulcus pepticum jejun : Weder als akut noch als chronisch bezeichnet, ohne Blutung oder Perforation	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.1	Sonstige akute Gastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.2	Alkoholgastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.3	Chronische Oberflaechengastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.4	Chronische atrophische Gastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.5	Chronische Gastritis, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.6	Sonstige Gastritis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.7	Gastritis, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.8	Duodenitis	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K29.9	Gastroduodenitis, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K31.81	Angiodysplasie des Magens und des Duodenums ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.-	Haemorrhoiden und Perianalvenenthrombose	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.0	Haemorrhoiden 1. Grades	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.1	Haemorrhoiden 2. Grades	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.2	Haemorrhoiden 3. Grades	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.3	Haemorrhoiden 4. Grades	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.5	Perianalvenenthrombose	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.8	Sonstige Haemorrhoiden	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K64.9	Haemorrhoiden, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.02	Divertikulitis des Duennndarmes mit Perforation und Abszess, ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.10	Divertikuloose des Duennndarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.12	Divertikulitis des Duennndarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.22	Divertikulitis des Dickdarmes mit Perforation und Abszess, ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.30	Divertikuloose des Dickdarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.32	Divertikulitis des Dickdarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.42	Divertikulitis sowohl des Duennndarmes als auch des Dickdarmes mit Perforation und Abszess, ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.50	Divertikuloose sowohl des Duennndarmes als auch des Dickdarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.52	Divertikulitis sowohl des Duennndarmes als auch des Dickdarmes ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.82	Divertikulitis des Darmes, Teil nicht naeher bezeichnet, mit Perforation und Abszess, ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.90	Divertikuloose des Darmes, Teil nicht naeher bezeichnet, ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K57.92	Divertikulitis des Darmes, Teil nicht naeher bezeichnet, ohne Perforation, Abszess oder Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K55.21	Angiodysplasie des Kolons: Ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	K55.31	Angiodysplasie des Duennndarmes ohne Angabe einer Blutung	DX	ICD-10-GM	Site: Gastrointestinal
bleeding-related hospitalization (may indicate bleeding)	D62	Akute Blutungsanaemie	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (may indicate bleeding)	D69.80	Haemorrhagische Diathese durch Thrombozytenaggregationshemmer	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (may indicate bleeding)	D69.9	Haemorrhagische Diathese, nicht naeher bezeichnet	DX	ICD-10-GM	Site: Unspecified
bleeding-related hospitalization (transfusion)	8-800.0	Vollblut, 1-5 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.1	Vollblut, mehr als 5 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c	Transfusion von EKs	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c0	1 TE bis unter 6 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c1	6 TE bis unter 11 TE	PX	OPS	

bleeding-related hospitalization (transfusion)	8-800.c2	11 TE bis unter 16 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c3	16 TE bis unter 24 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c4	24 TE bis unter 32 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c5	32 TE bis unter 40 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c6	40 TE bis unter 48 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c7	48 TE bis unter 56 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c8	56 TE bis unter 64 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.c9	64 TE bis unter 72 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.ca	72 TE bis unter 80 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cb	80 TE bis unter 88 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cc	88 TE bis unter 104 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cd	104 TE bis unter 120 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.ce	120 TE bis unter 136 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cf	136 TE bis unter 152 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cg	152 TE bis unter 168 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.ch	168 TE bis unter 184 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cj	184 TE bis unter 200 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.ck	200 TE bis unter 216 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cm	216 TE bis unter 232 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cn	232 TE bis unter 248 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cp	248 TE bis unter 264 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cq	264 TE bis unter 280 TE	PX	OPS	
bleeding-related hospitalization (transfusion)	8-800.cr	280 TE oder mehr	PX	OPS	

Drug	Standard dose	Market available since	Generically available since	Unit per day	Consumer price index reference year
Clopidogrel	75mg	1997Q4	2012Q2	1	2024
Prasugrel	10mg	2009Q3	2017Q3	1	2024
Ticagrelor	90mg	2011Q3	2025Q2	2	2024

Year	Quarter	\$ price per unit, SSR Health	\$ price per unit, NADAC CMS	\$ price per unit, selcted brand-name	\$ price per unit, selcted generic	Consumer price index correction factor	\$, Net 12-months treamtent cost, brand-name	\$, Net 12-months treamtent cost, generic
2011	1	5.06	N/A	5.06		1.42	2,614	
2011	2	5.35	N/A	5.35		1.39	2,716	
2011	3	5.17	N/A	5.17		1.39	2,614	
2011	4	4.99	N/A	4.99		1.39	2,527	
2012	1	5.20**	N/A	5.20**		1.38	2,612	
2012*	2*	3.93**	N/A	3.93**	0.11***	1.37	1,958	55
2012	3	2.41**	N/A		0.11***	1.36		55
2012	4	1.78**	N/A		0.11***	1.36		55
2013	1	10.65**	N/A		0.11***	1.35		54
2013	2	3.98**	N/A		0.11***	1.35		54
2013	3	4.46**	N/A		0.11***	1.34		54
2013	4	13.99**	0.11		0.11	1.35		53
2014	1	N/A	0.11		0.11	1.33		55
2014	2	N/A	0.11		0.11	1.32		52
2014	3	N/A	0.11		0.11	1.32		54
2014	4	N/A	0.11		0.11	1.33		53
2015	1	N/A	0.10		0.10	1.34		49
2015	2	N/A	0.10		0.10	1.32		47
2015	3	N/A	0.09		0.09	1.32		45
2015	4	N/A	0.09		0.09	1.32		42
2016	1	N/A	0.08		0.08	1.32		39
2016	2	N/A	0.08		0.08	1.31		38
2016	3	N/A	0.08		0.08	1.30		37
2016	4	N/A	0.07		0.07	1.30		35
2017	1	N/A	0.07		0.07	1.29		34
2017	2	N/A	0.07		0.07	1.28		32
2017	3	N/A	0.07		0.07	1.28		32
2017	4	N/A	0.07		0.07	1.27		32
2018	1	N/A	0.07		0.07	1.26		31
2018	2	N/A	0.07		0.07	1.25		30
2018	3	N/A	0.07		0.07	1.24		30
2018	4	N/A	0.07		0.07	1.24		30
2019	1	N/A	0.07		0.07	1.24		29
2019	2	N/A	0.07		0.07	1.23		29
2019	3	N/A	0.07		0.07	1.22		30
2019	4	N/A	0.07		0.07	1.22		30
2020	1	N/A	0.07		0.07	1.21		31
2020	2	N/A	0.07		0.07	1.22		31
2020	3	N/A	0.07		0.07	1.21		30
2020	4	N/A	0.07		0.07	1.20		29
2021	1	N/A	0.07		0.07	1.19		29
2021	2	N/A	0.07		0.07	1.16		29
2021	3	N/A	0.07		0.07	1.15		29
2021	4	N/A	0.07		0.07	1.13		28
2022	1	N/A	0.07		0.07	1.10		27
2022	2	N/A	0.07		0.07	1.07		26
2022	3	N/A	0.07		0.07	1.06		26

2022	4	N/A	0.07		0.07	1.05		26
2023	1	N/A	0.07		0.07	1.04		25
2023	2	N/A	0.07		0.07	1.03		25
2023	3	N/A	0.07		0.07	1.02		25
2023	4	N/A	0.07		0.07	1.02		25
2024	1	N/A	0.07		0.07	1.01		25
2024	2	N/A	0.06		0.06	1.00		23
2024	3	N/A	0.06		0.06	1.00		23
2024	4	N/A	0.06		0.06	0.99		23
*Quarter of generic drug availability start								
**Flagged value in SSR Health (potentially imprecise due to exclusivity loss or volume estimation)								
***NOCB imputed value								

Year	Quarter	\$ price per unit, SSR Health	\$ price per unit, NADAC CMS	\$ price per unit, selcted brand-name	\$ price per unit, selcted generic	Consumer price index correction factor	\$, Net 12-months treamtent cost, brand-name	\$, Net 12-months treamtent cost, generic	
	2011	1	4.85	N/A	4.85		1.42	2,505	
	2011	2	4.94	N/A	4.94		1.39	2,508	
	2011	3	5.08	N/A	5.08		1.39	2,568	
	2011	4	4.94	N/A	4.94		1.39	2,501	
	2012	1	5.98	N/A	5.98		1.38	3,004	
	2012	2	5.05	N/A	5.05		1.37	2,516	
	2012	3	5.00	N/A	5.00		1.36	2,486	
	2012	4	5.45	N/A	5.45		1.36	2,709	
	2013	1	5.43	N/A	5.43		1.35	2,683	
	2013	2	6.59	N/A	6.59		1.35	3,238	
	2013	3	5.88	N/A	5.88		1.34	2,879	
	2013	4	6.19	N/A	6.19		1.35	3,039	
	2014	1	5.75	N/A	5.75		1.33	2,802	
	2014	2	6.50	N/A	6.50		1.32	3,130	
	2014	3	6.41	N/A	6.41		1.32	3,083	
	2014	4	7.02	N/A	7.02		1.33	3,404	
	2015	1	6.55	N/A	6.55		1.34	3,193	
	2015	2	7.06	N/A	7.06		1.32	3,401	
	2015	3	7.38	N/A	7.38		1.32	3,546	
	2015	4	7.94	N/A	7.94		1.32	3,832	
	2016	1	7.69	N/A	7.69		1.32	3,709	
	2016	2	8.05	N/A	8.05		1.31	3,838	
	2016	3	7.77	N/A	7.77		1.30	3,692	
	2016	4	8.87	N/A	8.87		1.30	4,205	
	2017	1	8.49	N/A	8.49		1.29	3,993	
	2017	2	9.66**	N/A	9.66**		1.28	4,519	
	2017*	3*	4.23**	N/A	4.23**	3.07***	1.28	1,971	1,431
	2017	4	12.37**	11.30		3.07***	1.27		1,425
	2018	1	10.14**	3.07		3.07	1.26		1,414
	2018	2	14.26**	0.64		0.64	1.25		292
	2018	3	35.36**	0.59		0.59	1.24		266
	2018	4	13.39**	0.50		0.50	1.24		229
	2019	1	N/A	0.51		0.51	1.24		231
	2019	2	N/A	0.49		0.49	1.23		221
	2019	3	N/A	0.44		0.44	1.22		197
	2019	4	N/A	0.43		0.43	1.22		192
	2020	1	N/A	0.44		0.44	1.21		193
	2020	2	N/A	0.42		0.42	1.22		186
	2020	3	N/A	0.41		0.41	1.21		179
	2020	4	N/A	0.42		0.42	1.20		185
	2021	1	N/A	0.43		0.43	1.19		189
	2021	2	N/A	0.42		0.42	1.16		180
	2021	3	N/A	0.45		0.45	1.15		188
	2021	4	N/A	0.42		0.42	1.13		172
	2022	1	N/A	0.38		0.38	1.10		154
	2022	2	N/A	0.38		0.38	1.07		147
	2022	3	N/A	0.37		0.37	1.06		144
	2022	4	N/A	0.37		0.37	1.05		143
	2023	1	N/A	0.35		0.35	1.04		134
	2023	2	N/A	0.33		0.33	1.03		124
	2023	3	N/A	0.34		0.34	1.02		128
	2023	4	N/A	0.36		0.36	1.02		134

Drug	Standard dose	Market available since	Generically available since	Unit per day	Consumer price index reference year
Clopidogrel	75mg	1998Q3	2008Q3	1	2024
Prasugrel	10mg	2009Q1	2019Q2	1	2024
Ticagrelor	90mg	2011Q1	2025Q2	2	2024

PZN	Generic name	Brand name	MG per unit	Brand/generic
51055	Clopidogrel	Plavix		brand
51061	Clopidogrel	Plavix		brand
51078	Clopidogrel	Plavix		brand
57744	Clopidogrel	Iscover 75 mg Veron Ph.	75	brand
259057	Clopidogrel	Plavix Westen Ph.		brand
262119	Clopidogrel	Plavix Westen Ph.		brand
276995	Clopidogrel	Plavix Axicorp		brand
287438	Clopidogrel	Plavix Axicorp		brand
549105	Clopidogrel	Plavix ACA/ADAG		brand
576800	Clopidogrel	Plavix 75 Veron Ph.		brand
818172	Clopidogrel	Iscover 75 mg MTK	75	brand
834231	Clopidogrel	Iscover 75 mg Beragena	75	brand
834248	Clopidogrel	Iscover 75 mg Beragena	75	brand
889309	Clopidogrel	Plavix 75 Veron Ph.		brand
889522	Clopidogrel	Iscover 75 mg Veron Ph.	75	brand
906781	Clopidogrel	Iscover 75 mg Eurim	75	brand
906798	Clopidogrel	Iscover 75 mg Eurim	75	brand
956187	Clopidogrel	Plavix Eurim		brand
956193	Clopidogrel	Plavix Eurim		brand
1037040	Clopidogrel	Plavix Emra		brand
1037057	Clopidogrel	Iscover 75 mg Emra	75	brand
1090198	Clopidogrel	Iscover 75 mg Docpharm	75	brand
1093883	Clopidogrel	Iscover 75 mg Docpharm	75	brand
1146906	Clopidogrel	Plavix ACA/ADAG		brand
1272775	Clopidogrel	Plavix MTK		brand
1423292	Clopidogrel	Plavix Kohl Ph.		brand
1501997	Clopidogrel	Plavix Emra		brand
1502005	Clopidogrel	Plavix Emra		brand
1558514	Clopidogrel	Iscover 75 mg Kohl Ph.	75	brand
1558520	Clopidogrel	Iscover 75 mg Kohl Ph.	75	brand

1737530	Clopidogrel	Plavix Beragena		brand
1812303	Clopidogrel	Plavix CC Pharma		brand
1813774	Clopidogrel	Plavix CC Pharma		brand
2215331	Clopidogrel	Iscover 75 mg ACA/ADAG	75	brand
2215348	Clopidogrel	Iscover 75 mg ACA/ADAG	75	brand
2260751	Clopidogrel	Plavix 75 mg TAD	75	brand
2289849	Clopidogrel	Plavix 75 mg TAD	75	brand
2294135	Clopidogrel	Iscover 75 mg Westen Ph.	75	brand
2416288	Clopidogrel	Iscover 75 mg Emra	75	brand
2416294	Clopidogrel	Iscover 75 mg Emra	75	brand
2418910	Clopidogrel	Plavix Kohl Ph.		brand
2648461	Clopidogrel	Plavix Gerke Ph.		brand
3233006	Clopidogrel	Iscover 75 mg Westen Ph.	75	brand
3233354	Clopidogrel	Iscover 75 mg Westen Ph.	75	brand
3275341	Clopidogrel	Iscover 75 mg Kohl Ph.	75	brand
4033806	Clopidogrel	Iscover 75 mg Kohl Ph.	75	brand
4083098	Clopidogrel	Iscover 75 mg Gerke Ph.	75	brand
4129423	Clopidogrel	Plavix		brand
4155171	Clopidogrel	Iscover 75 mg	75	brand
4405805	Clopidogrel	Iscover 75 mg Axicorp	75	brand
4408092	Clopidogrel	Iscover 75 mg Eurim	75	brand
4408100	Clopidogrel	Plavix Eurim		brand
4412544	Clopidogrel	Plavix Ph.Gerke		brand
4412550	Clopidogrel	Iscover 75 mg Gerke Ph.	75	brand
4438590	Clopidogrel	Iscover 75 mg Veron Ph.	75	brand
4438609	Clopidogrel	Plavix 75 Veron Ph.		brand
4551033	Clopidogrel	Plavix 75 mg Beragena	75	brand
6326257	Clopidogrel	Plavix Docpharm		brand
6326292	Clopidogrel	Plavix Docpharm		brand
7100236	Clopidogrel	Plavix 75 mg Milinda	75	brand
7238704	Clopidogrel	Iscover 75mg CC Pharma	75	brand

7238710	Clopidogrel	Iscover 75mg CC Pharma	75	brand
7415945	Clopidogrel	Iscover 75 mg BB Farma	75	brand
7415951	Clopidogrel	Iscover 75 mg BB Farma	75	brand
7770764	Clopidogrel	Plavix 75 mg BB Farma	75	brand
7770770	Clopidogrel	Plavix 75 mg BB Farma	75	brand
8855770	Clopidogrel	Iscover 75 mg	75	brand
8855787	Clopidogrel	Iscover 75 mg	75	brand
8855793	Clopidogrel	Iscover 75		brand
9156324	Clopidogrel	Iscover 75 mg Axicorp	75	brand
9629082	Clopidogrel	Plavix HVD Medical		brand
9714296	Clopidogrel	Plavix 75 mg B2B Medical	75	brand
9714304	Clopidogrel	Plavix 75 mg B2B Medical	75	brand
10115069	Clopidogrel	Plavix 75 mg MTK	75	brand
10227897	Clopidogrel	Plavix 75 mg Filmtabletten Abacus	75	brand
10405229	Clopidogrel	Plavix 75 mg Filmtabletten ADL Ph.	75	brand
10552752	Clopidogrel	Iscover 75 mg B2B Medical	75	brand
10947189	Clopidogrel	Plavix 75 mg FD Pharma	75	brand
11072534	Clopidogrel	Plavix 75 mg Haemato-Ph.	75	brand
11103358	Clopidogrel	Plavix 75 mg Filmtabletten 2Care	75	brand
11877083	Clopidogrel	Iscover 75 mg 1 Alpha	75	brand
11897890	Clopidogrel	Plavix 75 mg 1 Alpha	75	brand
13657983	Clopidogrel	Plavix 75 mg 1 Alpha	75	brand
16529518	Clopidogrel	Plavix 75 mg Filmtabletten Origa	75	brand
16817660	Clopidogrel	Plavix 75 mg Filmtabletten Carefarm	75	brand
19358075	Clopidogrel	Plavix 75 mg Filmtabl. B2B Medical	75	brand
1237394	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg	75	brand
1237448	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg	75	brand
1241846	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75mg/100mg	75	brand
7763511	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Kohl Ph.	75	brand
7763528	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Kohl Ph.	75	brand
8467281	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Westen Ph.	75	brand

8467306	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Westen Ph.	75	brand
8794726	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Docpharm	75	brand
8805186	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Docpharm	75	brand
8809095	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Eurim	75	brand
8809103	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Eurim	75	brand
8840751	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg CC Ph.	75	brand
8840768	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg CC Ph.	75	brand
8849433	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg ACA/ADAG	75	brand
8856634	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Emra	75	brand
9064295	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Gerke Ph.	75	brand
9064303	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Gerke Ph.	75	brand
9077553	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Br.Ph.Int.Ltd.	75	brand
9077576	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Br.Ph.Int.Ltd.	75	brand
9233266	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Axicorp	75	brand
9233289	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Axicorp	75	brand
9493056	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/75 mg Westen Ph.	75	brand
9493932	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Veron Ph.	75	brand
9609435	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Emra	75	brand
9667378	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Veron Ph.	75	brand
9704234	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Beragena	75	brand
9704240	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Beragena	75	brand
9714267	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg B2B Medical	75	brand
9714273	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg B2B Medical	75	brand
10047327	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg ADL Ph.	75	brand
10341860	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg 2Care	75	brand
10341877	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg 2Care	75	brand
10552746	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Filmtabletten Orifarm	75	brand
11096575	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Euro DK	75	brand
11164124	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Filmtabletten FD Pharma	75	brand
11521274	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Filmtabletten BB Farma	75	brand
12725398	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg ACA/ADAG	75	brand

14178144	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Filmtabletten Aaha Ph.	75	brand
16227823	Clopidogrel und Acetylsalicylsaeure	Duoplavin 75 mg/100 mg Filmtabletten Abacus	75	brand
148932	Clopidogrel	Clopidogrel AAA 75 mg	75	generic
149096	Clopidogrel	Clopidogrel AAA 75 mg	75	generic
160809	Clopidogrel	Clopigamma 75 mg	75	generic
160815	Clopidogrel	Clopigamma 75 mg	75	generic
766682	Clopidogrel	Clopidogrel hydrochlorid- 1 A Pharma 75mg	75	generic
2084627	Clopidogrel	Clopidogrel HCS 75 mg Teva	75	generic
2085087	Clopidogrel	Clopidogrel HCS 75 mg Teva	75	generic
2096062	Clopidogrel	Clopidogrel AbZ 75 mg	75	generic
5352057	Clopidogrel	Clopidogrel Heumann 75 mg	75	generic
5352063	Clopidogrel	Clopidogrel Heumann 75 mg	75	generic
5373616	Clopidogrel	Clopidogrel STADA 75 mg	75	generic
5373622	Clopidogrel	Clopidogrel STADA 75 mg	75	generic
5451204	Clopidogrel	Clopidogrel-ratiopharm GmbH 75 mg	75	generic
5451210	Clopidogrel	Clopidogrel-ratiopharm GmbH 75 mg	75	generic
5519296	Clopidogrel	Clopigamma 75 mg	75	generic
5531653	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531676	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531682	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531699	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531713	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531736	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
5531759	Clopidogrel	Clopidogrel AAA 75 mg	75	generic
5533824	Clopidogrel	Clopidogrel Heumann 75 mg	75	generic
5533830	Clopidogrel	Clopidogrel Heumann 75 mg	75	generic
6334021	Clopidogrel	Clopidogrel hydrochlorid- 1 A Pharma 75mg	75	generic
6414524	Clopidogrel	Clopidogrel TEVA Pharma 75 mg	75	generic
6414530	Clopidogrel	Clopidogrel TEVA Pharma 75 mg	75	generic
6565039	Clopidogrel	Clopidogrel Heumann 75 mg Heunet	75	generic
6565045	Clopidogrel	Clopidogrel Heumann 75 mg Heunet	75	generic

6714628	Clopidogrel	Clopidogrel AbZ 75 mg	75	generic
6714634	Clopidogrel	Clopidogrel AbZ 75 mg	75	generic
6717006	Clopidogrel	Clopidogrel-ratiopharm 75 mg	75	generic
6717029	Clopidogrel	Clopidogrel-ratiopharm 75 mg	75	generic
6767056	Clopidogrel	Clopidogrel-ratiopharm gmbh 75 mg	75	generic
6773542	Clopidogrel	Clopidogrel KRKA 75 mg TAD	75	generic
6773559	Clopidogrel	Clopidogrel KRKA 75 mg TAD	75	generic
6798542	Clopidogrel	Clopidogrel AL 75 mg	75	generic
6798559	Clopidogrel	Clopidogrel AL 75 mg	75	generic
7050142	Clopidogrel	Clopidocard- 1 A Pharma 75 mg	75	generic
7050159	Clopidogrel	Clopidocard- 1 A Pharma 75 mg	75	generic
7779624	Clopidogrel	Clopidogrel biomo 75 mg	75	generic
7784772	Clopidogrel	Clopidogrel TAD 75 mg	75	generic
7793564	Clopidogrel	Clopidogrel hydrochlorid- 1 A Pharma 75mg	75	generic
9099951	Clopidogrel	Clopidogrel hydrochlorid- 1 A Pharma 75mg	75	generic
9191533	Clopidogrel	Clopidogrel TAD 75 mg	75	generic
9191556	Clopidogrel	Clopidogrel TAD 75 mg	75	generic
9468093	Clopidogrel	Clopidogrel Zentiva 75 mg	75	generic
9468101	Clopidogrel	Clopidogrel Zentiva 75 mg	75	generic
9468124	Clopidogrel	Clopidogrel Zentiva 75 mg	75	generic
9673462	Clopidogrel	Clopidogrel Heumann 75 mg	75	generic
9687346	Clopidogrel	Clopidogrel Heumann 75 mg Filmtabletten	75	generic
9693973	Clopidogrel	Clopidogrel Heumann 75 mg Heunet	75	generic
9884609	Clopidogrel	Clopidogrel Heumann 75 mg Heunet	75	generic
9884615	Clopidogrel	Clopidogrel Heumann 75 mg Heunet	75	generic
9942436	Clopidogrel	Clopidogrel BASICS 75 mg	75	generic
9942442	Clopidogrel	Clopidogrel BASICS 75 mg	75	generic
9942459	Clopidogrel	Clopidogrel BASICS 75 mg	75	generic
10012731	Clopidogrel	Clopidogrel Aurobindo 75 mg	75	generic
10012748	Clopidogrel	Clopidogrel Aurobindo 75 mg	75	generic
10012754	Clopidogrel	Clopidogrel Aurobindo 75 mg	75	generic

10060865	Clopidogrel	Clopidogrel Denk 75 mg	75	generic
10060871	Clopidogrel	Clopidogrel Denk 75 mg	75	generic
10060888	Clopidogrel	Clopidogrel Denk 75 mg	75	generic
10524661	Clopidogrel	Clopidogrel Heumann 75 mg Filmtabletten	75	generic
10946310	Clopidogrel	Clopidogrel-ratiopharm 75 mg Filmtabletten	75	generic
10946327	Clopidogrel	Clopidogrel ratiopharm 75 mg Filmtabletten	75	generic
10946333	Clopidogrel	Clopidogrel ratiopharm 75 mg Filmtabletten	75	generic
11217027	Clopidogrel	Clopidogrel Teva 75 mg Filmtabletten BB Farma	75	generic
11343861	Clopidogrel	Clopidogrel axcount 75 mg Filmtabletten	75	generic
11343884	Clopidogrel	Clopidogrel axcount 75 mg Filmtabletten	75	generic
11343890	Clopidogrel	Clopidogrel axcount 75 mg Filmtabletten	75	generic
11351240	Clopidogrel	Clopidogrel STADA 75 mg	75	generic
11351257	Clopidogrel	Clopidogrel STADA 75 mg	75	generic
11482189	Clopidogrel	Clopidogrel AL 75 mg	75	generic
11482195	Clopidogrel	Clopidogrel AL 75 mg	75	generic
11874216	Clopidogrel	Clopidogrel Macleods 75 mg Filmtabletten	75	generic
12639003	Clopidogrel	Clopidogrel Zentiva 75 mg BB Farma	75	generic
12893701	Clopidogrel	Clopipuren 75 mg Filmtabletten	75	generic
12893718	Clopidogrel	Clopipuren 75 mg Filmtabletten	75	generic
12893730	Clopidogrel	Clopipuren 75 mg Filmtabletten	75	generic
12893842	Clopidogrel	Clopipuren 75 mg Dose	75	generic
13156560	Clopidogrel	Clopidogrel AL 75 mg	75	generic
14037679	Clopidogrel	Clopidogrel-biomo 75 mg Filmtabletten	75	generic
14294577	Clopidogrel	Clopidogrel Aristo 75 mg Filmtabletten	75	generic
14294583	Clopidogrel	Clopidogrel Aristo 75 mg Filmtabletten	75	generic
14294608	Clopidogrel	Clopidogrel Aristo 75 mg Filmtabletten	75	generic
15266608	Clopidogrel	Clopidogrel-1A Pharma 75 mg Filmtabletten	75	generic
15266614	Clopidogrel	Clopidogrel-1A Pharma 75 mg Filmtabletten	75	generic
15266643	Clopidogrel	Clopidogrel-1A Pharma 75 mg Filmtabletten	75	generic
16370006	Clopidogrel	Clopidogrel HEC Pharm 75 mg Filmtabletten	75	generic
16370035	Clopidogrel	Clopidogrel HEC Pharm 75 mg Filmtabletten	75	generic

16370041	Clopidogrel	Clopidogrel HEC Pharm 75 mg Filmtabletten	75	generic
16587409	Clopidogrel	Clopidogrel Glenmark 75 mg Filmtabletten	75	generic
16587415	Clopidogrel	Clopidogrel Glenmark 75 mg Filmtabletten	75	generic
16587421	Clopidogrel	Clopidogrel Glenmark 75 mg Filmtabletten	75	generic
16876616	Clopidogrel	Clopidogrel Zentiva 75 mg Filmtabletten	75	generic
17848792	Clopidogrel	Clopidogrel STADA 75 mg Filmtabletten	75	generic
18337496	Clopidogrel	Clopidogrel Macleods 75 mg Filmtabletten Macleods Ph.Esp	75	generic
18337504	Clopidogrel	Clopidogrel Macleods 75 mg Filmtabletten Macleods Ph.Esp	75	generic
18337527	Clopidogrel	Clopidogrel Macleods 75 mg Filmtabletten Macleods Ph.Esp	75	generic
18374451	Clopidogrel	Clopidogrel Zentiva 75 mg Filmtabletten Eurim	75	generic
18374468	Clopidogrel	Clopidogrel Zentiva 75 mg Filmtabletten Eurim	75	generic
18488367	Clopidogrel	Clopidogrel AXiromed 75 mg Filmtabletten	75	generic
18488373	Clopidogrel	Clopidogrel AXiromed 75 mg Filmtabletten	75	generic
18488396	Clopidogrel	Clopidogrel AXiromed 75 mg Filmtabletten	75	generic
19182498	Clopidogrel	Clopidogrel Bluefish 75 mg Filmtabletten	75	generic
19211113	Clopidogrel	Clopidogrel beta 75 mg Filmtabletten	75	generic
19211136	Clopidogrel	Clopidogrel beta 75 mg Filmtabletten	75	generic
19211142	Clopidogrel	Clopidogrel beta 75 mg Filmtabletten	75	generic
19297617	Clopidogrel	Clopidogrel Vivanta 75 mg Filmtabletten Vivanta Gener.	75	generic
19297623	Clopidogrel	Clopidogrel Vivanta 75 mg Filmtabletten Vivanta Gener.	75	generic
19297652	Clopidogrel	Clopidogrel Vivanta 75 mg Filmtabletten Vivanta Gener.	75	generic
19386479	Clopidogrel	Clopidogrel Zentiva 75 mg Filmtabletten Eurim	75	generic
19806148	Clopidogrel	Clopidogrel Zentiva 75 mg Filmtabletten Carefarm	75	generic
1034372	Clopidogrel	Clopidogrel Winthrop 75 mg	75	generic
1053091	Clopidogrel	Clopidogrel Winthrop 75 mg	75	generic
1164548	Clopidogrel	Clopidogrel-Actavis 75 mg	75	generic
1164560	Clopidogrel	Clopidogrel-Actavis 75 mg	75	generic
1166955	Clopidogrel	Clopidocor Sandoz 75 mg	75	generic
1166961	Clopidogrel	Clopidocor Sandoz 75 mg	75	generic
1902242	Clopidogrel	Clopidogrel- Actavis 75 mg Dose	75	generic
2330003	Clopidogrel	Clopidogrel Sandoz 75 mg	75	generic

2330026	Clopidogrel	Clopidogrel Sandoz 75 mg	75	generic
2474736	Clopidogrel	Clopidogrel Dr.Reddys 75 mg	75	generic
2497909	Clopidogrel	Clopidogrel Dr.Reddys 75 mg	75	generic
3447339	Clopidogrel	Carder 75 mg	75	generic
3447397	Clopidogrel	Carder 75 mg	75	generic
3642526	Clopidogrel	Subarcan 75 mg	75	generic
3642532	Clopidogrel	Subarcan 75 mg	75	generic
3642549	Clopidogrel	Narutis 75 mg	75	generic
3642578	Clopidogrel	Narutis 75 mg	75	generic
3642584	Clopidogrel	Rokulan 75 mg	75	generic
3642621	Clopidogrel	Rokulan 75 mg	75	generic
5373585	Clopidogrel	Clopidogrel arrow 75 mg Jutta Ph.	75	generic
5373591	Clopidogrel	Clopidogrel arrow 75 mg Jutta Ph.	75	generic
5378648	Clopidogrel	Grepid 75 mg Westen Ph.	75	generic
5378654	Clopidogrel	Grepid 75 mg Westen Ph.	75	generic
5461266	Clopidogrel	Clopidogrel dura 75 mg	75	generic
5461272	Clopidogrel	Clopidogrel dura 75 mg	75	generic
5464750	Clopidogrel	Clopidogrel Yes 75 mg	75	generic
5464796	Clopidogrel	Clopidogrel Yes 75 mg	75	generic
5511024	Clopidogrel	Clopidogrel arrow 75 mg Jutta Ph.	75	generic
5547654	Clopidogrel	Clopidogrel Hormosan 75 mg	75	generic
5547660	Clopidogrel	Clopidogrel Hormosan 75 mg	75	generic
5730996	Clopidogrel	Clopidogrel AURUS 75 mg	75	generic
5731139	Clopidogrel	Clopidogrel AURUS 75 mg	75	generic
5739603	Clopidogrel	Clopidogrel Dexcel 75 mg	75	generic
5739626	Clopidogrel	Clopidogrel Dexcel 75 mg	75	generic
5853629	Clopidogrel	Clopidolut 75 mg	75	generic
5853807	Clopidogrel	Clopidolut 75 mg	75	generic
6107093	Clopidogrel	Grepid 75 mg	75	generic
6107101	Clopidogrel	Grepid 75 mg	75	generic
6116353	Clopidogrel	Clopidogrel Hennig 75 mg	75	generic

6116376	Clopidogrel	Clopidogrel Hennig 75 mg	75	generic
6561372	Clopidogrel	Clopidogrel Gib 75 mg	75	generic
6561389	Clopidogrel	Clopidogrel Gib 75 mg	75	generic
6569793	Clopidogrel	Clopidogrel hydrochlorid HEXAL 75 mg	75	generic
6569801	Clopidogrel	Clopidogrel hydrochlorid HEXAL 75 mg	75	generic
6569818	Clopidogrel	Clopidogrel HCL HEXAL 75mg	75	generic
6717584	Clopidogrel	Clopidogrel-CT 75 mg	75	generic
6717590	Clopidogrel	Clopidogrel-CT 75 mg	75	generic
6786303	Clopidogrel	Clopidogrel HEXAL 75 mg	75	generic
6786326	Clopidogrel	Clopidogrel HEXAL 75 mg	75	generic
6786332	Clopidogrel	Clopidogrel HEXAL 75 mg	75	generic
7752068	Clopidogrel	Clopidogrel Q 75 mg Juta Ph.	75	generic
7752074	Clopidogrel	Clopidogrel Q 75 mg Juta Ph.	75	generic
7789309	Clopidogrel	Clopidolut 75 mg	75	generic
8487711	Clopidogrel	Zopya 75 mg	75	generic
8487728	Clopidogrel	Zopya 75 mg	75	generic
9487133	Clopidogrel	Clopidogrel Hormosan 75 mg	75	generic
9692330	Clopidogrel	Clopidogrel- Actavis 75 mg	75	generic
9716510	Clopidogrel	Grepid 75 mg Clopidogrel	75	generic
9716527	Clopidogrel	Grepid 75 mg Clopidogrel	75	generic
9716533	Clopidogrel	Grepid 75 mg Clopidogrel	75	generic
9914486	Clopidogrel	Clopidogrel Acino 75 mg	75	generic
11130527	Clopidogrel	Clopidogrel Amneal 75 mg Filmtabletten Bioeq	75	generic
11142648	Clopidogrel	Clopidogrel Hennig 75 mg Filmtabletten	75	generic
11151162	Clopidogrel	Clopacin Filmtabletten		generic
11340779	Clopidogrel	Clopidogrel 75 mg Filmtabletten	75	generic
11354089	Clopidogrel	Clopidogrel Puren 75 mg Filmtabletten	75	generic
11354095	Clopidogrel	Clopidogrel -PUREN 75 mg Filmtabletten	75	generic
11354103	Clopidogrel	Clopidogrel -PUREN 75 mg Filmtabletten	75	generic
11354126	Clopidogrel	Clopidogrel -PUREN 75 mg Filmtabletten Dose	75	generic
11512938	Clopidogrel	Clopidogrel Amneal 75 mg Filmtabletten	75	generic

11558254	Clopidogrel	Clopidogrel Amneal 75 mg Filmtabletten	75	generic
11558260	Clopidogrel	Clopidogrel Amneal 75 mg Filmtabletten	75	generic
12468085	Clopidogrel	Clopidogrel- Actavis 75 mg Filmtabletten BB Farma	75	generic
12468091	Clopidogrel	Clopidogrel- Actavis 75 mg Filmtabletten BB Farma	75	generic
12468116	Clopidogrel	Clopidogrel- Actavis 75 mg Filmtabletten BB Farma	75	generic
13979480	Clopidogrel	Clopidogrel Hennig 75 mg Filmtabletten	75	generic
14054620	Clopidogrel	Clopidogrel GeneVida 75 mg Filmtabletten	75	generic
14058428	Clopidogrel	Clopidogrel GeneVida 75 mg Filmtabletten	75	generic
14058434	Clopidogrel	Clopidogrel GeneVida 75 mg Filmtabletten	75	generic
1743602	Clopidogrel und Acetylsalicylsaeure	Duocover 75 mg/100 mg	75	generic
1743619	Clopidogrel und Acetylsalicylsaeure	Duocover 75 mg/100 mg	75	generic
1743625	Clopidogrel und Acetylsalicylsaeure	Duocover 75mg/100mg	75	generic
4369067	Clopidogrel und Acetylsalicylsaeure	Clopidogrel HEXAL plus ASS 75 mg/100 mg	75	generic
4369073	Clopidogrel und Acetylsalicylsaeure	Clopidogrel HEXAL plus ASS 75 mg/100 mg	75	generic
9214435	Clopidogrel und Acetylsalicylsaeure	Duocover 75 mg/100 mg Eurim	75	generic
5386702	Prasugrel	Efient 10 mg Westen Ph.	10	brand
5743510	Prasugrel	Efient 10 mg Docpharm	10	brand
5743527	Prasugrel	Efient 10 mg Docpharm	10	brand
5852771	Prasugrel	Efient 10 mg Veron Ph.	10	brand
5852819	Prasugrel	Efient 10 mg Veron Ph.	10	brand
5871834	Prasugrel	Efient 10 mg CC Ph.	10	brand
5906484	Prasugrel	Efient 10 mg CC Ph.	10	brand
6446961	Prasugrel	Efient 10 mg Gerke Ph.	10	brand
6447877	Prasugrel	Efient 10 mg Gerke Ph.	10	brand
6551540	Prasugrel	Efient 10 mg MTK	10	brand
6551557	Prasugrel	Efient 10 mg MTK	10	brand
6562414	Prasugrel	Efient 10 mg Eurim	10	brand
6568693	Prasugrel	Efient 10 mg Axicorp	10	brand
6568701	Prasugrel	Efient 10 mg Axicorp	10	brand
7745186	Prasugrel	Efient 10 mg Beragena	10	brand
7745192	Prasugrel	Efient 10 mg Beragena	10	brand

9188896	Prasugrel	Efient 10 mg	10	brand
9188910	Prasugrel	Efient 10 mg	10	brand
9188927	Prasugrel	Efient 10mg	10	brand
9276198	Prasugrel	Efient 10 mg Emra	10	brand
9276206	Prasugrel	Efient 10 mg Emra	10	brand
9885388	Prasugrel	Efient 10 mg Milinda	10	brand
9885394	Prasugrel	Efient 10 mg Milinda	10	brand
9902365	Prasugrel	Efient 10 mg Filmtabletten ACA/ADAG	10	brand
9910525	Prasugrel	Efient 10 mg Cambridge	10	brand
10419131	Prasugrel	Efient 10 mg Haemato-Ph.	10	brand
10535914	Prasugrel	Efient 10 mg Haemato-Ph.	10	brand
11309634	Prasugrel	Efient 10 mg Adequapharm	10	brand
11861610	Prasugrel	Efient 10 mg Abacus	10	brand
11897499	Prasugrel	Efient 10 mg 1 Alpha	10	brand
12505840	Prasugrel	Efient 10 mg Kohl Ph.	10	brand
12505857	Prasugrel	Efient 10 mg Kohl Ph.	10	brand
12593198	Prasugrel	Efient 10 mg European	10	brand
14266322	Prasugrel	Efient 10 mg BB Farma	10	brand
14266339	Prasugrel	Efient 10 mg BB Farma	10	brand
14355994	Prasugrel	Efient 10 mg FD Pharma	10	brand
16768619	Prasugrel	Efient 10 mg Filmtabletten Carefarm	10	brand
16870387	Prasugrel	Efient 10 mg Filmtabletten Origa	10	brand
17390123	Prasugrel	Efient 10 mg Filmtabletten Medico	10	brand
17541042	Prasugrel	Efient 10 mg Filmtabletten 2Care	10	brand
13706440	Prasugrel	Prasugrel Heumann 10 mg Filmtabletten	10	generic
13706457	Prasugrel	Prasugrel Heumann 10 mg Filmtabletten	10	generic
14058109	Prasugrel	Prasugrel-ratiopharm 10 mg Filmtabletten	10	generic
14058115	Prasugrel	Prasugrel-ratiopharm 10 mg Filmtabletten	10	generic
14212705	Prasugrel	Prasugrelhydrobromid Zentiva 10 mg Filmtabletten	10	generic
14212711	Prasugrel	Prasugrelhydrobromid Zentiva 10 mg Filmtabletten	10	generic
14286566	Prasugrel	Prasugrel AL 10 mg Filmtabletten	10	generic

14286572	Prasugrel	Prasugrel AL 10 mg Filmtabletten	10	generic
14330853	Prasugrel	Prasugrel beta 10 mg Filmtabletten	10	generic
14330876	Prasugrel	Prasugrel beta 10 mg Filmtabletten	10	generic
14330882	Prasugrel	Prasugrel beta 10 mg Filmtabletten	10	generic
15240075	Prasugrel	Prasillt 10 mg TAD	10	generic
15240106	Prasugrel	Prasillt 10 mg TAD	10	generic
15240112	Prasugrel	Prasillt 10 mg TAD	10	generic
15245256	Prasugrel	Prasugrel -PUREN 10 mg Filmtabletten	10	generic
15245262	Prasugrel	Prasugrel -PUREN 10 mg Filmtabletten	10	generic
15293137	Prasugrel	Prasugrel -PUREN 10 mg Filmtabletten	10	generic
15297632	Prasugrel	Prasugrel Accord 10 mg Filmtabletten	10	generic
15297649	Prasugrel	Prasugrel Accord 10 mg Filmtabletten	10	generic
17618750	Prasugrel	Prasugrel Zentiva 10 mg Filmtabletten	10	generic
17618767	Prasugrel	Prasugrel Zentiva 10 mg Filmtabletten	10	generic
17940204	Prasugrel	Prasugrel Vivanta 10 mg Filmtabletten Vivanta Gener.	10	generic
17940210	Prasugrel	Prasugrel Vivanta 10 mg Filmtabletten Vivanta Gener.	10	generic
18138348	Prasugrel	Prasugrel-ratiopharm 10 mg Filmtabletten Carefarm	10	generic
18794383	Prasugrel	Prasugrel-ratiopharm 10 mg Filmtabl. BB Farma	10	generic
18794408	Prasugrel	Prasugrel-ratiopharm 10 mg Filmtabl. BB Farma	10	generic
18863049	Prasugrel	Prasugrel Heumann 10 mg Filmtabletten	10	generic
14238337	Prasugrel	Prasuhexal 10 mg Filmtabletten	10	generic
14238366	Prasugrel	Prasuhexal 10 mg Filmtabletten	10	generic
14267149	Prasugrel	Prasugrel Glenmark 10 mg Filmtabletten	10	generic
14267155	Prasugrel	Prasugrel Glenmark 10 mg Filmtabletten	10	generic
14358194	Prasugrel	Prasugrel Aristo 10 mg Filmtabletten	10	generic
14358202	Prasugrel	Prasugrel Aristo 10 mg Filmtabletten	10	generic
14370597	Prasugrel	Prasugrel-biomo 10 mg Filmtabletten	10	generic
14370605	Prasugrel	Prasugrel-biomo 10 mg Filmtabletten	10	generic
14370611	Prasugrel	Prasugrel-biomo 10 mg Filmtabletten	10	generic
15896344	Prasugrel	Prasugrel-biomo 10 mg Filmtabletten	10	generic
7560021	Ticagrelor	Brilique 90 mg	90	brand

7560038	Ticagrelor	Brilique 90 mg	90	brand
7560044	Ticagrelor	Brilique 90 mg	90	brand
7564065	Ticagrelor	Brilique 90 mg	90	brand
9068525	Ticagrelor	Brilique 90 mg CC Ph.	90	brand
9068531	Ticagrelor	Brilique 90 mg CC Ph.	90	brand
9253205	Ticagrelor	Brilique 90 mg	90	brand
9667674	Ticagrelor	Brilique 90 mg Gerke Ph.	90	brand
9667680	Ticagrelor	Brilique 90 mg Gerke Ph.	90	brand
9933621	Ticagrelor	Brilique 90 mg Haemato-Ph.	90	brand
9933638	Ticagrelor	Brilique 90 mg Haemato-Ph.	90	brand
12747069	Ticagrelor	Brilique 90 mg Schmelztabletten	90	brand
16358011	Ticagrelor	Ticagrelor Heumann 90 mg Filmtabletten	90	generic
16358028	Ticagrelor	Ticagrelor Heumann 90 mg Filmtabletten	90	generic
16358040	Ticagrelor	Ticagrelor Heumann 90 mg Filmtabletten	90	generic
18075576	Ticagrelor	Ticagrelor STADA 90 mg Filmtabletten	90	generic
18075582	Ticagrelor	Ticagrelor STADA 90 mg Filmtabletten	90	generic
18075599	Ticagrelor	Ticagrelor STADA 90 mg Filmtabletten	90	generic
18094289	Ticagrelor	Ticagrelor Jutta 90 mg Filmtabletten	90	generic
18094295	Ticagrelor	Ticagrelor Jutta 90 mg Filmtabletten	90	generic
18094303	Ticagrelor	Ticagrelor Jutta 90 mg Filmtabletten	90	generic
18706551	Ticagrelor	Ticagrelor Micro Labs 90 mg Filmtabletten	90	generic
18706568	Ticagrelor	Ticagrelor Micro Labs 90 mg Filmtabletten	90	generic
18706580	Ticagrelor	Ticagrelor Micro Labs 90 mg Filmtabletten	90	generic
18745309	Ticagrelor	Ticagrelor Zentiva 90 mg Filmtabletten	90	generic
18745315	Ticagrelor	Ticagrelor Zentiva 90 mg Filmtabletten	90	generic
18745321	Ticagrelor	Ticagrelor Zentiva 90 mg Filmtabletten	90	generic
19181412	Ticagrelor	Ticagrelor beta 90 mg Filmtabletten	90	generic
19181429	Ticagrelor	Ticagrelor beta 90 mg Filmtabletten	90	generic
19181435	Ticagrelor	Ticagrelor beta 90 mg Filmtabletten	90	generic
19276957	Ticagrelor	Ticagrelor AmaroX 90 mg Filmtabletten	90	generic
19276963	Ticagrelor	Ticagrelor AmaroX 90 mg Filmtabletten	90	generic

19276986	Ticagrelor	Ticagrelor AmaroX 90 mg Filmtabletten	90	generic
19391279	Ticagrelor	Ticagrelor AL 90 mg Filmtabletten	90	generic
19391285	Ticagrelor	Ticagrelor AL 90 mg Filmtabletten	90	generic
19391291	Ticagrelor	Ticagrelor AL 90 mg Filmtabletten	90	generic
19391322	Ticagrelor	Ticagrelor AL 90 mg Filmtabletten	90	generic
19399252	Ticagrelor	Ticagrelor-1A Pharma 90 mg Filmtabletten	90	generic
19399269	Ticagrelor	Ticagrelor-1A Pharma 90 mg Filmtabletten	90	generic
19399275	Ticagrelor	Ticagrelor-1A Pharma 90 mg Filmtabletten	90	generic
19420058	Ticagrelor	Ticagrelor-ratiopharm 90 mg Filmtabletten	90	generic
19420064	Ticagrelor	Ticagrelor-ratiopharm 90 mg Filmtabletten	90	generic
19420070	Ticagrelor	Ticagrelor-ratiopharm 90 mg Filmtabletten	90	generic
19456211	Ticagrelor	Ticagrelor Abdi 90 mg Filmtabletten	90	generic
19456234	Ticagrelor	Ticagrelor Abdi 90 mg Filmtabletten	90	generic
19456240	Ticagrelor	Ticagrelor Abdi 90 mg Filmtabletten	90	generic
19524941	Ticagrelor	Ticagrelor Viatris 90 mg Filmtabletten	90	generic
19524958	Ticagrelor	Ticagrelor Viatris 90 mg Filmtabletten	90	generic
19524964	Ticagrelor	Ticagrelor Viatris 90 mg Filmtabletten	90	generic
19542979	Ticagrelor	Ticagrelor Holsten 90 mg Filmtabletten	90	generic
19542985	Ticagrelor	Ticagrelor Holsten 90 mg Filmtabletten	90	generic
19542991	Ticagrelor	Ticagrelor Holsten 90 mg Filmtabletten	90	generic
19770344	Ticagrelor	Ticagrelor Elpen 90 mg Filmtabletten	90	generic
19770367	Ticagrelor	Ticagrelor Elpen 90 mg Filmtabletten	90	generic
19785682	Ticagrelor	Ticagrelor Ascend 90 mg Filmtabletten	90	generic
19785699	Ticagrelor	Ticagrelor Ascend 90 mg Filmtabletten	90	generic
19785713	Ticagrelor	Ticagrelor Ascend 90 mg Filmtabletten	90	generic
19799106	Ticagrelor	Ticagrelor AXiomed 90 mg Filmtabletten Dose	90	generic
19799129	Ticagrelor	Ticagrelor AXiomed 90 mg Filmtabletten	90	generic
19799135	Ticagrelor	Ticagrelor AXiomed 90 mg Filmtabletten Dose	90	generic
19822934	Ticagrelor	Ticagrelor Vivanta 90 mg Filmtabletten Vivanta Gener.	90	generic
19822940	Ticagrelor	Ticagrelor Vivanta 90 mg Filmtabletten Vivanta Gener.	90	generic
19822957	Ticagrelor	Ticagrelor Vivanta 90 mg Filmtabletten Vivanta Gener.	90	generic

19825080	Ticagrelor	Ticagrelor Vivanta 90 mg Filmtabletten Vivanta Gener.	90	generic
19830419	Ticagrelor	Ticagrelor 089Pharm 90 mg Filmtabletten	90	generic
19830425	Ticagrelor	Ticagrelor 089Pharm 90 mg Filmtabletten	90	generic
19830448	Ticagrelor	Ticagrelor 089Pharm 90 mg Filmtabletten	90	generic
19830460	Ticagrelor	Ticagrelor 089Pharm 90 mg Filmtabletten	90	generic
19831063	Ticagrelor	Ticabril 90 mg Filmtabletten TAD	90	generic
19831086	Ticagrelor	Ticabril 90 mg Filmtabletten TAD	90	generic
19831092	Ticagrelor	Ticabril 90 mg Filmtabletten TAD	90	generic
19831100	Ticagrelor	Ticabril 90 mg Filmtabletten TAD	90	generic
19831181	Ticagrelor	Ticagrelor 123-Acurae Pharma 90 mg Filmtabletten	90	generic
19831198	Ticagrelor	Ticagrelor 123-Acurae Pharma 90 mg Filmtabletten	90	generic
19945890	Ticagrelor	Ticagrelor Zentiva 90 mg Filmtabletten	90	generic
20140602	Ticagrelor	Ticagrelor Macleods 90 mg Filmtabletten	90	generic
20140619	Ticagrelor	Ticagrelor Macleods 90 mg Filmtabletten	90	generic
20140631	Ticagrelor	Ticagrelor Macleods 90 mg Filmtabletten	90	generic

	Criterion
Population	Nationwide U.S. patients with acute myocardial infarction who received ticagrelor between Q4 2019 and Q4 2024.
Exposure	Treatment with ticagrelor.
Comparator	Hypothetical use of prasugrel instead of ticagrelor, among patients for whom prasugrel would have been clinically appropriate.
Outcome	Potential drug cost savings associated with substituting prasugrel for ticagrelor.
Study period	Q4 2019 through Q4 2024, following publication of the ISAR-REACT 5 randomized trial demonstrating prasugrel superiority.

Condition	Code	Name	Code_category	Code_type	Notes
Stroke/TIA	430	SUBARACHNOID HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	431	INTRACEREBRAL HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	432.0	NONTRAUMATIC EXTRADURAL HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	432.1	SUBDURAL HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	432.9	UNSPECIFIED INTRACRANIAL HEMORRHAGE	DX	ICD-9-CM	
Stroke/TIA	433.01	OCCLUSION AND STENOSIS OF BASILAR ARTERY WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	433.11	OCCLUSION AND STENOSIS OF CAROTID ARTERY WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	433.21	OCCLUSION AND STENOSIS OF VERTEBRAL ARTERY WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	433.31	OCCLUSION AND STENOSIS OF MULTIPLE AND BILATERAL PRECEREBRAL ARTERIES WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	433.81	OCCLUSION AND STENOSIS OF OTHER SPECIFIED PRECEREBRAL ARTERY WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	433.91	OCCLUSION AND STENOSIS OF UNSPECIFIED PRECEREBRAL ARTERY WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	434.01	CEREBRAL THROMBOSIS WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	434.11	CEREBRAL EMBOLISM WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	434.91	CEREBRAL ARTERY OCCLUSION UNSPECIFIED WITH CEREBRAL INFARCTION	DX	ICD-9-CM	
Stroke/TIA	435	TRANSIENT CEREBRAL ISCHEMIA	DX	ICD-9-CM	
Stroke/TIA	435.0	BASILAR ARTERY SYNDROME	DX	ICD-9-CM	
Stroke/TIA	435.1	VERTEBRAL ARTERY SYNDROME	DX	ICD-9-CM	
Stroke/TIA	435.2	SUBCLAVIAN STEAL SYNDROME	DX	ICD-9-CM	
Stroke/TIA	435.3	VERTEBROBASILAR ARTERY SYNDROME	DX	ICD-9-CM	
Stroke/TIA	435.8	OTHER SPECIFIED TRANSIENT CEREBRAL ISCHEMIAS	DX	ICD-9-CM	
Stroke/TIA	435.9	UNSPECIFIED TRANSIENT CEREBRAL ISCHEMIA	DX	ICD-9-CM	
Stroke/TIA	G45	TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	DX	ICD-10-CM	
Stroke/TIA	G45.0	VERTEBRO-BASILAR ARTERY SYNDROME	DX	ICD-10-CM	
Stroke/TIA	G45.1	CAROTID ARTERY SYNDROME (HEMISPHERIC)	DX	ICD-10-CM	
Stroke/TIA	G45.2	MULTIPLE AND BILATERAL PRECEREBRAL ARTERY SYNDROMES	DX	ICD-10-CM	
Stroke/TIA	G45.3	AMAUROSIS FUGAX	DX	ICD-10-CM	
Stroke/TIA	G45.8	OTHER TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	DX	ICD-10-CM	
Stroke/TIA	G45.9	TRANSIENT CEREBRAL ISCHEMIC ATTACK, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I60	NONTRAUMATIC SUBARACHNOID HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I60.0	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM CAROTID SIPHON AND BIFURCATION	DX	ICD-10-CM	
Stroke/TIA	I60.00	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED CAROTID SIPHON AND BIFURCATION	DX	ICD-10-CM	
Stroke/TIA	I60.01	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM RIGHT CAROTID SIPHON AND BIFURCATION	DX	ICD-10-CM	
Stroke/TIA	I60.02	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM LEFT CAROTID SIPHON AND BIFURCATION	DX	ICD-10-CM	
Stroke/TIA	I60.1	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.10	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.11	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM RIGHT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.12	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM LEFT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.2	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM ANTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.20	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED ANTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.21	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM RIGHT ANTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	

Stroke/TIA	I60.22	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM LEFT ANTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.3	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM POSTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.30	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED POSTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.31	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM RIGHT POSTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.32	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM LEFT POSTERIOR COMMUNICATING ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.4	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM BASILAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.5	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.50	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.51	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM RIGHT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.52	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM LEFT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.6	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM OTHER INTRACRANIAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I60.7	NONTRAUMATIC SUBARACHNOID HEMORRHAGE FROM UNSPECIFIED INTRACRANIAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I60.8	OTHER NONTRAUMATIC SUBARACHNOID HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I60.9	NONTRAUMATIC SUBARACHNOID HEMORRHAGE, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I61	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I61.0	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE IN HEMISPHERE, SUBCORTICAL	DX	ICD-10-CM	
Stroke/TIA	I61.1	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE IN HEMISPHERE, CORTICAL	DX	ICD-10-CM	
Stroke/TIA	I61.2	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE IN HEMISPHERE, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I61.3	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE IN BRAIN STEM	DX	ICD-10-CM	
Stroke/TIA	I61.4	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE IN CEREBELLUM	DX	ICD-10-CM	
Stroke/TIA	I61.5	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE, INTRAVENTRICULAR	DX	ICD-10-CM	
Stroke/TIA	I61.6	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE, MULTIPLE LOCALIZED	DX	ICD-10-CM	
Stroke/TIA	I61.8	OTHER NONTRAUMATIC INTRACEREBRAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I61.9	NONTRAUMATIC INTRACEREBRAL HEMORRHAGE, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I62	OTHER AND UNSPECIFIED NONTRAUMATIC INTRACRANIAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.0	NONTRAUMATIC SUBDURAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.00	NONTRAUMATIC SUBDURAL HEMORRHAGE, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I62.01	NONTRAUMATIC ACUTE SUBDURAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.02	NONTRAUMATIC SUBACUTE SUBDURAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.03	NONTRAUMATIC CHRONIC SUBDURAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.1	NONTRAUMATIC EXTRADURAL HEMORRHAGE	DX	ICD-10-CM	
Stroke/TIA	I62.9	NONTRAUMATIC INTRACRANIAL HEMORRHAGE, UNSPECIFIED	DX	ICD-10-CM	
Stroke/TIA	I63	CEREBRAL INFARCTION	DX	ICD-10-CM	
Stroke/TIA	I63.0	CEREBRAL INFARCTION DUE TO THROMBOSIS OF PRECEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.00	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED PRECEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.01	CEREBRAL INFARCTION DUE TO THROMBOSIS OF VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.011	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.012	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.013	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL VERTEBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.019	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.02	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BASILAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.03	CEREBRAL INFARCTION DUE TO THROMBOSIS OF CAROTID ARTERY	DX	ICD-10-CM	

Stroke/TIA	I63.031	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.032	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.033	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.039	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.09	CEREBRAL INFARCTION DUE TO THROMBOSIS OF OTHER PRECEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.1	CEREBRAL INFARCTION DUE TO EMBOLISM OF PRECEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.10	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED PRECEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.11	CEREBRAL INFARCTION DUE TO EMBOLISM OF VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.111	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.112	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.113	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL VERTEBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.119	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.12	CEREBRAL INFARCTION DUE TO EMBOLISM OF BASILAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.13	CEREBRAL INFARCTION DUE TO EMBOLISM OF CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.131	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.132	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.133	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.139	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.19	CEREBRAL INFARCTION DUE TO EMBOLISM OF OTHER PRECEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.2	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF PRECEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.20	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED PRECEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.21	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF VERTEBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.211	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.212	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.213	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL VERTEBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.219	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED VERTEBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.22	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BASILAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.23	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.231	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.232	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.233	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL CAROTID ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.239	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED CAROTID ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.29	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF OTHER PRECEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.3	CEREBRAL INFARCTION DUE TO THROMBOSIS OF CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.30	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.31	CEREBRAL INFARCTION DUE TO THROMBOSIS OF MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.311	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.312	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.313	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL MIDDLE CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.319	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.32	CEREBRAL INFARCTION DUE TO THROMBOSIS OF ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.321	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	

Stroke/TIA	I63.322	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.323	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL ANTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.329	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.33	CEREBRAL INFARCTION DUE TO THROMBOSIS OF POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.331	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.332	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.333	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL POSTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.339	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.34	CEREBRAL INFARCTION DUE TO THROMBOSIS OF CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.341	CEREBRAL INFARCTION DUE TO THROMBOSIS OF RIGHT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.342	CEREBRAL INFARCTION DUE TO THROMBOSIS OF LEFT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.343	CEREBRAL INFARCTION DUE TO THROMBOSIS OF BILATERAL CEREBELLAR ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.349	CEREBRAL INFARCTION DUE TO THROMBOSIS OF UNSPECIFIED CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.39	CEREBRAL INFARCTION DUE TO THROMBOSIS OF OTHER CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.4	CEREBRAL INFARCTION DUE TO EMBOLISM OF CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.40	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.41	CEREBRAL INFARCTION DUE TO EMBOLISM OF MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.411	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.412	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.413	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL MIDDLE CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.419	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.42	CEREBRAL INFARCTION DUE TO EMBOLISM OF ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.421	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.422	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.423	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL ANTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.429	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.43	CEREBRAL INFARCTION DUE TO EMBOLISM OF POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.431	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.432	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.433	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL POSTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.439	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.44	CEREBRAL INFARCTION DUE TO EMBOLISM OF CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.441	CEREBRAL INFARCTION DUE TO EMBOLISM OF RIGHT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.442	CEREBRAL INFARCTION DUE TO EMBOLISM OF LEFT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.443	CEREBRAL INFARCTION DUE TO EMBOLISM OF BILATERAL CEREBELLAR ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.449	CEREBRAL INFARCTION DUE TO EMBOLISM OF UNSPECIFIED CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.49	CEREBRAL INFARCTION DUE TO EMBOLISM OF OTHER CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.5	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.50	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.51	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.511	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.512	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	

Stroke/TIA	I63.513	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL MIDDLE CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.519	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED MIDDLE CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.52	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.521	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.522	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.523	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL ANTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.529	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED ANTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.53	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.531	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.532	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.533	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL POSTERIOR CEREBRAL ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.539	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED POSTERIOR CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.54	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.541	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF RIGHT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.542	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF LEFT CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.543	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF BILATERAL CEREBELLAR ARTERIES	DX	ICD-10-CM	
Stroke/TIA	I63.549	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF UNSPECIFIED CEREBELLAR ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.59	CEREBRAL INFARCTION DUE TO UNSPECIFIED OCCLUSION OR STENOSIS OF OTHER CEREBRAL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.6	CEREBRAL INFARCTION DUE TO CEREBRAL VENOUS THROMBOSIS, NONPYOGENIC	DX	ICD-10-CM	
Stroke/TIA	I63.8	OTHER CEREBRAL INFARCTION	DX	ICD-10-CM	
Stroke/TIA	I63.81	OTHER CEREBRAL INFARCTION DUE TO OCCLUSION OR STENOSIS OF SMALL ARTERY	DX	ICD-10-CM	
Stroke/TIA	I63.89	OTHER CEREBRAL INFARCTION	DX	ICD-10-CM	
Stroke/TIA	I63.9	CEREBRAL INFARCTION, UNSPECIFIED	DX	ICD-10-CM	
Underweight	783.22	UNDERWEIGHT	DX	ICD-9-CM	
Underweight	V85.0	BODY MASS INDEX [BMI] 19 OR LESS, ADULT	DX	ICD-9-CM	
Underweight	R63.6	UNDERWEIGHT	DX	ICD-10-CM	
Underweight	Z68.1	BODY MASS INDEX [BMI] 19.9 OR LESS, ADULT	DX	ICD-10-CM	

	Criterion	Categories	Data source
First eligible cohort entry	National provider identifier (NPI) with at least a ticagrelor or prasugrel prescription in Medicare Part D during baseline years as well as during outcome years.		Medicare Part D Prescribers - by Provider and Drug
Exposure	Received amount of industry payments (general payments) by ticagrelor's manufacturing and marketing companies reported on openpaymentsdata.cms.gov during baseline years.	\$0, \$1-250, >\$250	Openpaymentsdata.cms.gov (linked via NPI): General payments
Outcome	Provider-specific ticagrelor share among ticagrelor and prasugrel Medicare part D prescriptions during outcome years.	<20%, 20% - 80%, >80%	Medicare Part D Prescribers - by Provider and Drug
Study period	2020/21: baseline years 2022/23: outcome years		
Model	Mulinomial logistic regression model to predict outcome based on independent variables.		
Independent variables in model			
Exposure	Payments received during baseline (exposure)	\$0, \$1-250, >\$250	Openpaymentsdata.cms.gov (linked via NPI): General payments
Covariable 1	Region	Northeast, Midwest, South, West	Medicare Part D Prescribers - by Provider and Drug
Covariable 2	Cardiologist specialty	Yes/No	Medicare Part D Prescribers - by Provider and Drug
Covariable 3	Sum of ticagrelor and prasugrel claims during baseline years	≤25, 25-44, ≥45	Medicare Part D Prescribers - by Provider and Drug
Covariable 4	Ticagrelor share during baseline years	<20%, 20% - 80%, >80%	Medicare Part D Prescribers - by Provider and Drug
Covariable 5	Overall Medicare Part D claims during baseline years	<3000, 3000-7999, 8000-15999, ≥16000	Medicare Part D Prescribers - by Provider and Drug

Variable	Value	Category
Ticagrelor manufacturing and marketing companies	AstraZeneca Pharmaceuticals LP	
Ticagrelor manufacturing and marketing companies	AstraZeneca UK Limited	
Ticagrelor manufacturing and marketing companies	AstraZeneca AB	
Ticagrelor manufacturing and marketing companies	Acerta Pharma LLC	
State_FIPS_code	01	South
State_FIPS_code	02	West
State_FIPS_code	04	West
State_FIPS_code	05	South
State_FIPS_code	06	West
State_FIPS_code	08	West
State_FIPS_code	09	Northeast
State_FIPS_code	10	South
State_FIPS_code	11	South
State_FIPS_code	12	South
State_FIPS_code	13	South
State_FIPS_code	15	West
State_FIPS_code	16	West
State_FIPS_code	17	Midwest
State_FIPS_code	18	Midwest
State_FIPS_code	19	Midwest
State_FIPS_code	20	Midwest
State_FIPS_code	21	South
State_FIPS_code	22	South
State_FIPS_code	23	Northeast
State_FIPS_code	24	South
State_FIPS_code	25	Northeast
State_FIPS_code	26	Midwest
State_FIPS_code	27	Midwest
State_FIPS_code	28	South

State_FIPS_code	29	Midwest
State_FIPS_code	30	West
State_FIPS_code	31	Midwest
State_FIPS_code	32	West
State_FIPS_code	33	Northeast
State_FIPS_code	34	Northeast
State_FIPS_code	35	West
State_FIPS_code	36	Northeast
State_FIPS_code	37	South
State_FIPS_code	38	Midwest
State_FIPS_code	39	Midwest
State_FIPS_code	40	South
State_FIPS_code	41	West
State_FIPS_code	42	Northeast
State_FIPS_code	44	Northeast
State_FIPS_code	45	South
State_FIPS_code	46	Midwest
State_FIPS_code	47	South
State_FIPS_code	48	South
State_FIPS_code	49	West
State_FIPS_code	50	Northeast
State_FIPS_code	51	South
State_FIPS_code	53	West
State_FIPS_code	54	South
State_FIPS_code	55	Midwest
State_FIPS_code	56	West