

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

Variable / Field Name	Form Name	Data Type	Field Label	Choices	Required Field?
life_week	nicu_weekly_data_up_to_28_weeks_cga	categorical	Week of data collection	2, 2   3, 3   4, 4   5, 5   6, 6	
cga_week	nicu_weekly_data_up_to_28_weeks_cga	calc	Corrected gestational age in completed weeks at the beginning of the week (calculated)		
airway1_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Does the baby have an ETT in-situ/ has the baby had an ETT in-situ at any point this week	1, Yes   2, No	
ett_size_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Size of ETT in-situ	1, 2mm   2, 2.5mm   3, 3mm	y
ett_length_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	ETT length at lips	1, 5cm   2, 5.5cm   3, 6cm   4, 6.5cm   5, 7cm	y
ett_fixation_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Method of ETT fixation	1, Hat and ties   2, Neofit   3, Neobar   4, Tape to face   5, Other (describe in comment)	y
ett_fixation_other_wk	nicu_weekly_data_up_to_28_weeks_cga	text	If other please describe		
intubation_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has this baby undergone intubation this week?	1, Yes   2, No	y
intubation_reason_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Reasons for Intubation	1, Upsize ETT   2, Unplanned or accidental extubation (reintubated)   3, Planned trial of extubation (reintubated within 72 hours)   4, Escalated from non-invasive ventilation (off invasive ventilation >72 hours)   5, Other   6, Elective intubation for transfer/surgery etc	
intubation_other_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Other		
intubation_freq_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	How many episodes of intubation have occurred this week?	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

intubation_attempts_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 1 - Number of intubation attempts	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	
premeds_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 1 - Were pre-medications used for intubation?	1, Yes   2, No - too unstable   3, No - no IV access   4, No	
intubation_attempts_ep2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 2 - Number of intubation attempts	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	
premeds_wk_ep2	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 2 - Were pre-medications used for intubation?	1, Yes   2, No - too unstable   3, No - no IV access   4, No	
intubation_attempts_ep3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 3 - Number of intubation attempts	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	
premeds_wk_ep3	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 3 - Were pre-medications used for intubation?	1, Yes   2, No - too unstable   3, No - no IV access   4, No	
intubation_attempts_ep4_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 4 - Number of intubation attempts per episode	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	
premeds_wk_ep4	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 4 - Were pre-medications used for intubation?	1, Yes   2, No - too unstable   3, No - no IV access   4, No	
intubation_attempts_ep5_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 5 - Number of intubation attempts per episode	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	
premeds_wk_ep5	nicu_weekly_data_up_to_28_weeks_cga	categorical	Episode 5 - Were pre-medications used for intubation?	1, Yes   2, No - too unstable   3, No - no IV access   4, No	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

vl_intubation_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Video laryngoscope used for any attempts?	1, Yes   2, No	
			<p>Please document any additional information here regarding intubation or managing airway including any difficulties with chest rise or positioning when providing IPPV with facemask</p> <p>If more than 5 episodes or more than 5 attempts in an episode, document the total number and parameters for the successful attempt if there was one.</p>		
nicuintubationother_wk	nicu_weekly_data_up_to_28_weeks_cga	notes			
inline_suction_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Inline ETT suction used?	1, Yes   2, No	
surfactant_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Surfactant given this week?	1, Yes   2, No	y
surfactant_dose_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Dose of surfactant given (mg)		
ventilation_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Invasive ventilation at any point this week?	1, Yes   2, No	y
type_inv_ventilation_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Type of invasive ventilation this week	1, High frequency oscillation with volume control   2, High frequency oscillation   3, Conventional	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

				volume ventilation   4, Conventional pressure ventilation	
hfov_map_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	If on HFOV, maximum MAP		
hfov_vg_max_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	If on HFOV VG, maximum volume (ml/kg)		
volume_ventilation_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	If conventional volume ventilation, maximum mls/kg set (to nearest 0.5ml/kg)		
max_pip_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum PIP (set if on pressure, used if on volume)		
max_peep_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum PEEP		
max_fio2_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum oxygen requirement this week (%)		
niv_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Time on Non-Invasive Ventilation (NIV) this week?	1, Yes   2, No	y
success_extubation	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has the baby spent more than 72 hours off invasive ventilation following extubation?	1, Yes   2, No	
successful_extubation_age	nicu_weekly_data_up_to_28_weeks_cga	numeric	Age in days at most recent successful extubation		
type_niv_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Type of NIV or LFO2	1, NAVA   2, Non invasive IPPV eg NIPPVtr   3, BiPAP   4, CPAP   5, High flow   6, Low flow oxygen	
flow_cpap_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum pressure or flow		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

oxygen_niv_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum oxygen requirement this week (%)		
caffeine_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Caffeine given	1, Yes   2, No	y
ptx_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Pneumothorax this week?	1, Yes   2, No	
ptx_detail_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Pneumothorax detail	1, Unilateral   2, Bilateral   3, No treatment   4, Needle thoracocentesis   5, Chest drain - pigtail   6, Chest drain - surgical	
pulm_complications	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any concerns of the following this week:	1, Pulmonary haemorrhage   2, Pulmonary interstitial emphysema   3, Pulmonary hypertension   4, None of above	
ino_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Inhaled nitric oxide given this week?	1, Yes   2, No	
steroids1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Have steroids been given this week?	1, Yes   2, No	y
steroid_indication_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Indication for steroids	1, BPD prophylaxis   2, Respiratory Rescue   3, Hypotension   4, Other   5, Extubation cover	y
steroids_type_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Type of steroid	1, Hydrocortisone   2, Dexamethasone   3, Budesonide   4, Other	y
resp_steroid_other_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	If 'other' selected please give details		
echo1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has this baby had an echo this week?	1, Yes   2, No	y
echo_indic_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Indication for echo	1, Murmur   2, Hypoxaemia   3, Hypotension   4, Raised lactate   5, Routine   6, Other	
echo_indic_other_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	Indication for echo - other		
echo2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Did it change management?	1, Yes   2, No	
echo3_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	Relevant echo findings/ influence on management		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

pda1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Is this baby being treated for a PDA this week?	0, Yes - medical management   1, Yes - surgical management   2, No	y
pda2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	PDA treatment	1, Paracetamol   2, Ibuprofen	
inotropes1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Received inotropes this week?	1, Yes   2, No	y
inotropes2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Indication for inotropic support	1, Hypotension   2, Clinical hypoperfusion   3, Low urine output   4, Impaired contractility on echo   5, Other	
inotropes3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Inotrope used	1, Dopamine   2, Dobutamine   3, Adrenaline   4, Noradrenaline   5, Milrinone   6, Vasopressin   7, Other	
inotrope_indic_other_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	<p>If selected hypotension, please record BP (SBP, DBP and mean eg 38/14 (24)) around time of starting</p> <p>If other (indication or name of inotrope), please describe</p>		
cruss1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Cranial ultrasound this week?	1, Yes   2, No	y
cruss2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Cranial ultrasound results	1, Normal   2, Abnormal	y
cruss3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If abnormal, results:	1, Left IVH 1   2, Left IVH 2   3, Left IVH 3   4, Left IVH 4   5, Right IVH 1   6, Right IVH 2   7, Right IVH 3   8, Right IVH 4   9, PVL (Left)   10, PVL (Right)   11, Other	
cruss_4_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Other		
sedation1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Sedation or Analgesia received?	1, Yes   2, No	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

sedation2_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	If yes, what is being used and indication for use		
sedation3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any muscle relaxant used	0, Yes   1, No	
sedation4_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	What medication and indication for use		
seizures1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any seizure concerns	1, Yes   2, No	
positioning2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Nursed in nest/ boundary	1, Yes   2, No	
weekly_measurements	nicu_weekly_data_up_to_28_weeks_cga	categorical	Measurements taken at least once this week	1, Weight   2, Head circumference   3, Length   4, None of above	y
weekly_weight	nicu_weekly_data_up_to_28_weeks_cga	numeric	Weight (max in grams)		
regain_bw	nicu_weekly_data_up_to_28_weeks_cga	numeric	Day of life regained birth weight (if over)		
weekly_hc	nicu_weekly_data_up_to_28_weeks_cga	numeric	Head circumference this week (cm)		
weekly_length	nicu_weekly_data_up_to_28_weeks_cga	numeric	Length this week (cm)		
fluid1_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Total planned daily fluid volume (mls/kg/day)		y
fluids2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	On Parenteral Nutrition (PN) this week?	1, Yes   2, No	
pn_other_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Name of PN as per unit guideline		
pn_volume_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Volume of PN received (highest) in mls/kg/day		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

lipid_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	On lipid this week?	1, Yes   2, No	
lipid_type_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Name of lipid (as per guidelines)		
lipid_vol	nicu_weekly_data_up_to_28_weeks_cga	numeric	Volume of lipid (highest) mls/kg/day		
bespoke_pn_contents	nicu_weekly_data_up_to_28_weeks_cga	notes	If on bespoke, please document: Glucose Protein Carbohydrate in bag		
flushes1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Fluid used for flushes	1, 0.45% sodium chloride   2, 0.9% sodium chloride   3, Other	
sodium_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Highest sodium level this week		y
bicarb1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any bicarbonate given this week?	0, Yes   1, No	
bicarb2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, indication for bicarbonate	1, Metabolic acidosis BE >-5   2, Metabolic acidosis BE >-10   3, Metabolic acidosis BE >-15   4, Routine   5, Other reason	
bicarb3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, how was it administered	1, UAC infusion with heparin 'strong' bicarb   2, UAC infusion with heparin 'weak bicarb'   3, Full correction via venous line   4, Half correction via venous line   5, Other	
hypoglycemia_wk	nicu_weekly_data_up_to_28_weeks_cga	yesno	Any episodes of hypoglycaemia this week?		
nicu_hyperglycaemia_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Highest glucose level this week		y
insulin1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	On insulin this week?	0, Yes   1, No	y
phototherapywk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Phototherapy this week	1, Yes   2, No	



### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

feeding1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Naso or orogastric feeding tube size	1, 3.5FR   2, 4FR   3, 5FR   4, 6FR	
enteral_feeding_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has the baby had any enteral feed this week?	1, Yes   3, Buccal only   2, No   4, Nil by mouth	y
enteral_feed_type_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Enteral feeding type	1, Maternal breast milk (or colostrum)   2, Donor breast milk   3, Preterm formula	
fluids7_wk1	nicu_weekly_data_up_to_28_weeks_cga	numeric	Enteral feeding volume in mls/kg		y
feed_advance	nicu_weekly_data_up_to_28_weeks_cga	numeric	Rate of feeding advance per day (eg if going up 15ml/kg/day) this week		
type_of_feed	nicu_weekly_data_up_to_28_weeks_cga	categorical	Type of feeding used	1, Gravity fed   2, Pump fed   3, Continuous feed	
enteral_feed_dol	nicu_weekly_data_up_to_28_weeks_cga	numeric	Day of life when reached 150mls/kg/day enteral feeds		
hmf_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Breast milk fortifier received this week?	1, Yes   2, No	
probiotics_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Probiotics this week?		y
bo_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Bowels open more than twice this week?	0, Yes   1, No	y
bo3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Glycerine chip or enema given?	0, Yes   1, No	y
bo4_wk1	nicu_weekly_data_up_to_28_weeks_cga	text	Dose of chip/ enema and frequency or if other substance e.g. breast milk used		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

surgery1_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Surgical consultation this week?	1, Yes   2, No	
surgery2_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Surgery/ operation undertaken this week?	1, Yes   2, No	
suspected_nec_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any treatment (medical or surgical) for suspected NEC this week?	1, Yes   2, No	
urine_output_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Average urine output per day (mls/kg/hr)		
renal2_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Maximum creatinine this week		y
renal4_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Highest potassium level this week		y
renal3_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Hyperkalaemia treatment this week	1, Yes   2, No	
renal5_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Hyperkalaemia management	1, Salbutamol   2, Furosemide   3, Insulin/dextrose   4, Other	
lines2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Have any central lines/ vascular access been in-situ this week?	1, Yes   2, No	
vasc_access_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Vascular Access/ Central line already in-situ	1, UVC   2, UAC   3, Long line   4, Femoral line   5, Surgical line   6, Other	
uvc_removal	nicu_weekly_data_up_to_28_weeks_cga	numeric	Day of life when UVC removed (if out)		
uac_removal	nicu_weekly_data_up_to_28_weeks_cga	numeric	Day of life when UAC removed (if out)		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

lines_inserted_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has a new central or arterial line been inserted this week?	1, Yes   2, No	
vasc_access_inserted_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Vascular Access/ Central line inserted this week	1, UVC   2, UAC   3, Long line   4, Femoral line   5, Surgical line   6, Other	
central_access_attempts_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Number of attempts at central access this week	1, 1   2, 2   3, 3   4, 4   5, 5   6, 6   7, 7   8, >8	
central_lines_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Age in days at insertion of central access		
lines_cleaning_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Cleaning fluid used for 'sterile technique'		
uvc_size_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	UVC size	1, 2.5Fr   2, 3.5Fr   3, 4Fr   4, 4.5Fr   5, 5Fr	
uac_size_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	UAC size	1, 2.5Fr   2, 3.5Fr   3, 4Fr   4, 4.5Fr   5, 5Fr	
long_line_size_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Long line size	1, 1Fr   2, 2Fr	
tip_placement_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Mechanism of confirmation of line tip placement	1, xray   2, ultrasound   3, both	
line_challenge_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	Document if answered 'other' to any line questions.  Have there been any difficulties with peripheral cannula or central line insertions?		
infection1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Received antibiotics this week?	1, Yes   2, No	y

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

infection2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Received anti-fungal medication this week?	1, Yes - prophylaxis   3, Yes- treatment   2, No	y
infection_4_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any positive colonisation results?	1, Yes   2, No	
infection5_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any positive culture (blood/CSF/urine) result?	1, Yes   2, No	y
positive_organism_wk	nicu_weekly_data_up_to_28_weeks_cga	text	If any positive cultures please document name of organism		
haem2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Clotting checked this week?	1, Yes   2, No	
haem2a_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Reason for clotting test	1, Routinely checked   2, Bleeding concern (bleeding, sepsis, DIC)   3, Pre-operative   4, Liver dysfunction/ cholestasis	
haem3_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any clotting products (FFP, cryoprecipitate, additional vitamin K) given?	1, Yes   2, No	
haem3a_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, why were clotting products given?	1, Clotting results outside 'normal' reported preterm range   2, Bleeding concern   3, DIC concern   4, Surgery   5, Liver medication/vitamins (vitK)   6, Other   7, Don't know	
haem4_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any packed red cell transfusion received?	1, Yes   2, No	
haem5a_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, why given?	1, Hb < 120   2, Hb < 100   3, Active Bleeding   4, Surgery   5, Other   6, Don't know	
haem6_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Platelets checked this week?	1, Yes   2, No	y

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

haem6a_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Lowest platelet count		y
haem6b_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any platelets received?	1, Yes   2, No	
haem6c_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, why given?	1, Active Bleeding   2, Platelets < 100   3, Platelets < 50   4, Platelets < 25   5, Surgery   6, Other   7, Don't know	
haem7_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	If documented 'other' for any haematology questions, please add any additional comments here		
skin1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Method of caring for baby	1, In incubator   2, In open cot with heater   3, Other	
skin1a_wk	nicu_weekly_data_up_to_28_weeks_cga	text	Other		
inc_humidity	nicu_weekly_data_up_to_28_weeks_cga	categorical	Incubator humidity still on?	1, Yes   2, No	
skin2_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Level of incubator humidity (in %) Use value from 10am on final day of the week reviewed		
inc_humidity_stop	nicu_weekly_data_up_to_28_weeks_cga	numeric	Day of life when discontinued		
skin3_wk	nicu_weekly_data_up_to_28_weeks_cga	numeric	Incubator temperature in oC Use value from 10am on final day of the week reviewed		
skin4_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any concerns with skin integrity this week?	1, Yes   2, No	y
skin4a_wk	nicu_weekly_data_up_to_28_weeks_cga	text	If yes, site		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

skin4b_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, any precipitant(s) identified?	1, ETT fixation   2, Line insertion skin cleaning prep   3, NIV mask   4, ECG leads   5, Other monitoring   6, Dressings   7, Other	
skin5_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	Skin management techniques or dressings being used		
monitoring1_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	What monitoring does the baby have on?	1, Saturation probe   2, ECG Leads   3, Transcutaneous CO2   4, Temperature probe   5, Other	
skin6_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	Any skin or temperature related additional comments		
pn_transfer_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has this baby been transferred anywhere this week? (outside of current hospital either for investigation or transfer of care)	1, Yes   2, No	
med_specialty_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Have any other specialties been involved with this baby's care this week?	1, Respiratory   2, ENT   3, Cardiology   4, Neurology   5, Hepatology (Liver)   6, Renal   7, Endocrine   8, Metabolic   9, Haematology   10, Infectious diseases   11, Other	
specialty_involvement_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	If other specialty involved, which team and why		
therapist_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any therapist involvement with baby's care this week?	1, Physiotherapy   2, Occupational therapy   3, Speech and language therapy   4, Dietician   5, Music therapy   6, Other	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

family1_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Have parent(s) seen their baby regularly this week?	1, Yes   2, No   3, Don't know	y
family2_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Any skin to skin or cuddles this week?	1, Yes   2, No   3, Don't know	y
first_skin_to_skin	nicu_weekly_data_up_to_28_weeks_cga	numeric	Age in days at first episode of skin to skin (if after first 7 days of life)		
family3_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Have parents had a discussion with the team about their baby this week?	1, Yes   2, No	
family3a_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has re-orientation of care or parallel planning been discussed with family this week?	1, Yes   2, No   3, Don't know	
family_3b_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	If yes, which	1, Parallel planning   2, Re-orientation of care	
pall_care_ref_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has a referral to palliative care team been made?	1, Yes   2, No   3, Not available	
acp_wk	nicu_weekly_data_up_to_28_weeks_cga	categorical	Is an advanced care plan (or similar parallel care plan) in place?	1, Yes   2, No	
other_comments_wk	nicu_weekly_data_up_to_28_weeks_cga	notes	If any sections reported as 'other' or additional information to add, please document here.		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

nicu_death_wk1	nicu_weekly_data_up_to_28_weeks_cga	categorical	Has the baby died this week?	1, Yes   2, No	y
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### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

Variable / Field Name	Form Name	Data Type	Field Label	Choices	Required Field?
life_week_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Week of data collection	7, 7   8, 8   9, 9   10, 10   11, 11   12, 12   13, 13   14, 14   15, 15   16, 16   17, 17   18, 18   19, 19   20, 20   21, 21   22, 22   23, 23   24, 24	
cga_week_over28	nicu_weekly_data_over_28_weeks_cga	calc	Corrected gestational age in completed weeks (calculated)		
airway1_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Does the baby have an ETT in-situ/ has the baby had an ETT in-situ at any point this week	1, Yes   2, No	
ett_size_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Size of ETT in-situ	1, 2mm   2, 2.5mm   3, 3mm	y
ett_fixation_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Method of ETT fixation	1, Hat and ties   2, Neofit   3, Neobar   4, Tape to face   5, Other (describe in comment)	y
ett_fixation_other_wk_over28	nicu_weekly_data_over_28_weeks_cga	text	If other please describe		
intubation_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has this baby undergone intubation this week?	1, Yes   2, No	
intubation_reason_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Reasons for Intubation	1, Upsize ETT   2, Unplanned or accidental extubation (reintubated)   3, Planned trial of extubation (reintubated within 72 hours)   4, Escalated from non-invasive ventilation (off invasive ventilation >72 hours)   5, Elective intubation for transfer/surgery etc   6, Other	
intubation_other_wk_over28	nicu_weekly_data_over_28_weeks_cga	text	Other		
intubation_freq_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	How many episodes of intubation have occurred this week?	1, 1   2, 2   3, 3   4, 4   5, 5   6, >5	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

nicuintubationother_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Please document any additional information here regarding intubation or managing airway including any difficulties with chest rise or positioning when providing IPPV with facemask		
ventilation_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Invasive ventilation at any point this week?	1, Yes   2, No	
type_inv_ventilation_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Type of invasive ventilation this week	1, High frequency oscillation with volume control   2, High frequency oscillation   3, Conventional volume ventilation   4, Conventional pressure ventilation	
max_fio2_wk_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Maximum oxygen requirement this week (%)		
niv_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Time on Non-Invasive Ventilation (NIV) this week?	1, Yes   2, No	
successful_extubation_age_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Age in days at most recent successful extubation		
type_niv_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Type of NIV or LFO2	1, NAVA   2, Non invasive IPPV eg NIPPVtr   3, BiPAP   4, CPAP   5, High flow   6, Low flow oxygen	
flow_cpap_wk1_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Maximum pressure or flow		
oxygen_niv_wk1_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Maximum oxygen requirement this week (%)		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

svia	nicu_weekly_data_over_28_weeks_cga	categorical	Self-ventilating in air	1, Yes   2, No	
caffeine_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Caffeine given	1, Yes   2, No	
pulm_complications_over_28cga	nicu_weekly_data_over_28_weeks_cga	categorical	Any concerns about the following this week?	1, Pulmonary haemorrhage   2, Pulmonary interstitial emphysema   3, Pulmonary hypertension   4, Pneumothorax   5, None of above	
ino_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Inhaled nitric oxide given this week?	1, Yes   2, No	
steroids1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Have steroids been given this week?	1, Yes   2, No	
steroid_indication_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Indication for steroids	1, BPD prophylaxis   2, Respiratory Rescue   3, Hypotension   4, Extubation cover   5, Other	
steroids_type_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Type of steroid	1, Hydrocortisone   2, Dexamethasone   3, Budesonide   5, Methylprednisolone   4, Other	
resp_steroid_other_wk1_over28	nicu_weekly_data_over_28_weeks_cga	notes	If 'other' selected please give details		
echo1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has this baby had an echo this week?	1, Yes   2, No	
echo_indic_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Indication for echo	1, Murmur   2, Hypoxaemia   3, Hypotension   4, Raised lactate   5, Routine   7, Follow up   6, Other	
echo_indic_other_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Indication for echo - other		
echo2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Did it change management?	1, Yes   2, No	
echo3_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Relevant echo findings/ influence		
pda1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Is this baby being treated for a PDA this week?	0, Yes - medical management   1, Yes - surgical management   2, No	
inotropes1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Received inotropes this week?	1, Yes   2, No	
inotropes2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Indication for inotropic support	1, Hypotension   2, Clinical hypoperfusion   3, Low urine output   4, Impaired contractility on echo   5, Other	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

inotropes3_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Inotrope used	1, Dopamine   2, Dobutamine   3, Adrenaline   4, Noradrenaline   5, Milrinone   6, Vasopressin   7, Other	
inotrope_indic_other_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	If other, please describe		
cruss1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Cranial ultrasound this week?	1, Yes   2, No	
cruss2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Cranial ultrasound results	1, Normal   2, Abnormal	
cruss3_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	If abnormal, results:	1, cPVL   2, PHVD   3, Other	
cruss4_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Other		
sedation1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Sedation or Analgesia received?	1, Yes   2, No	
sedation2_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	If yes, what is being used and indication for use		
sedation3_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any muscle relaxant used	0, Yes   1, No	
sedation4_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	What medication and indication for use		
seizures1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any seizure concerns	1, Yes   2, No	
positioning2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Nursed in nest/ boundary	1, Yes   2, No	
weekly_measurements_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Measurements taken at least once this week	1, Weight   2, Head circumference   3, Length   4, None of above	
weekly_weight_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Weight (max in grams)		
weekly_hc_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Head circumference this week (cm)		
weekly_length_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Length this week (cm)		

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

fluid1_wk_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Total planned daily fluid volume (mls/kg/day)		
fluids2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	On Parenteral Nutrition (PN) this week?	1, Yes   2, No	
pn_other_wk_over28	nicu_weekly_data_over_28_weeks_cga	text	Name of PN as per unit guideline		
pn_volume_wk_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Volume of PN received (highest) in mls/kg/day		
lipid_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	On lipid this week?	1, Yes   2, No	
lipid_vol_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Volume of lipid (highest) mls/kg/day		
insulin1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	On insulin this week?	0, Yes   1, No	
enteral_feeding_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has the baby had any enteral feed this week?	1, Yes   3, Buccal only   2, No   4, Nil by mouth	
enteral_feed_type_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Enteral feeding type	1, Maternal breast milk (or colostrum)   2, Donor breast milk   3, Preterm formula	
fluids7_wk1_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Enteral feeding volume		
enteral_feed_dol_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Day of life when reached 150mls/kg/day enteral feeds		
type_of_feed_over_28cga	nicu_weekly_data_over_28_weeks_cga	categorical	Type of feeding	1, Gravity fed   2, Pump fed   3, Continuous feed	
oral_feeds	nicu_weekly_data_over_28_weeks_cga	categorical	Any oral feeds	1, Yes   2, No	
hmf_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Breast milk fortifier received this week?	1, Yes   2, No	
probiotics_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Probiotics this week?	1, Yes   2, No	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

bo_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Bowels open more than twice this week?	1, Yes   2, No	
bo3_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Glycerine chip or enema given?	0, Yes   1, No	
bo4_wk1_over28	nicu_weekly_data_over_28_weeks_cga	text	Dose of chip/ enema and frequency or if other substance e.g. breast milk used		
surgery1_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Surgical consultation this week?	1, Yes   2, No	
surgery2_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Surgery/ operation undertaken this week?	1, Yes   2, No	
suspected_nec_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any treatment (medical or surgical) for suspected NEC this week?	1, Yes   2, No	
renal2_wk_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Maximum creatinine this week		
renal_function_wk	nicu_weekly_data_over_28_weeks_cga	categorical	Any concern with renal function this week?	1, Yes   2, No	
lines2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Have any central lines/ vascular access been in-situ this week?	1, Yes   2, No	
vasc_access_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Vascular Access/ Central line already in-situ	3, Long line   4, Femoral line   5, Surgical line   6, Other	
lines_inserted_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has a new central or arterial line been inserted this week?	1, Yes   2, No	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

vasc_access_inserted_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Vascular Access/ Central line inserted this week	3, Long line   4, Femoral line   5, Surgical line   6, Other	
central_access_attempts_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Number of attempts at central access this week	1, 1   2, 2   3, 3   4, 4   5, 5   6, 6   7, 7   8, >8	
long_line_size_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Long line size	1, 1Fr   2, 2Fr	
line_challenge_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Document if answered 'other' to any line questions.  Have there been any difficulties with peripheral cannula or central line insertions?		
infection1_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Received antibiotics this week?	1, Yes   2, No	
infection2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Received anti-fungal medication this week?	1, Yes - prophylaxis   2, Yes - treatment   3, No	
infection_4_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any positive colonisation results?	1, Yes   2, No	
infection5_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any positive culture (blood/CSF/urine) result?	1, Yes   2, No	
positive_organism_wk_over28	nicu_weekly_data_over_28_weeks_cga	text	If any positive cultures or colonisation please document name of organism		
haem3_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any clotting products (FFP,	1, Yes   2, No	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

			cryoprecipitate, additional vitamin K) given?		
haem3a_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	If yes, why were clotting products given?	1, Clotting results outside 'normal' reported preterm range   2, Bleeding concern   3, DIC concern   4, Surgery   5, Liver medication/vitamins (vitK)   6, Other   7, Don't know	
haem4_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any packed red cell transfusion received?	1, Yes   2, No	
haem5a_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	If yes, why given?	1, Hb < 120   2, Hb < 100   3, Active Bleeding   4, Surgery   5, Other   6, Don't know	
haem6_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Platelets checked this week?	1, Yes   2, No	
haem6a_wk_over28	nicu_weekly_data_over_28_weeks_cga	numeric	Lowest platelet count		
haem6b_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any platelets received?	1, Yes   2, No	
haem6c_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	If yes, why given?	1, Active Bleeding   2, Platelets < 100   3, Platelets < 50   4, Platelets < 25   5, Surgery   6, Other   7, Don't know	
haem7_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	If documented 'other' for any haematology questions, please add any additional comments here		
skin4_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any concerns with skin integrity this week?	1, Yes   2, No	
skin4a_wk_over28	nicu_weekly_data_over_28_weeks_cga	text	If yes, site		
skin4b_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	If yes, any precipitant(s) identified?	1, ETT fixation   2, Line insertion skin cleaning prep   3, NIV mask   4, ECG leads   5, Other monitoring   6, Dressings   7, Other	



### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

skin5_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Skin management techniques or dressings being used		
skin6_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	Any skin or temperature related additional comments		
rop_tx_wk	nicu_weekly_data_over_28_weeks_cga	categorical	Any ROP treatment this week?	1, Yes   2, No	
pn_transfer_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has this baby been transferred anywhere this week? (outside of current hospital either for investigation or transfer of care)	1, Yes   2, No	
med_specialty_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Have any other specialties been involved with this baby's care this week?	1, Respiratory   2, ENT   3, Cardiology   4, Neurology   5, Hepatology (Liver)   6, Renal   7, Endocrine   8, Metabolic   9, Haematology   10, Infectious diseases   11, Other	
specialty_involvement_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	If other specialty involved, which team and why		
therapist_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any therapist involvement with baby's care this week?	1, Physiotherapy   2, Occupational therapy   3, Speech and language therapy   4, Dietician   5, Music therapy   6, Other	
family1_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Have parent(s) seen their baby regularly this week?	1, Yes   2, No   3, Don't know	
family2_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Any skin to skin or cuddles this week?	1, Yes   2, No   3, Don't know	

### The 22 Week Study (IRAS 346626) - Weekly Data Collection Form Variables

family3_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Have parents had a discussion with the team about their baby this week?	1, Yes   2, No	
family3a_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has re-orientation of care or parallel planning been discussed with family this week?	1, Yes   2, No   3, Don't know	
pall_care_ref_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has a referral to palliative care team been made?	1, Yes   2, No   3, Not available	
acp_wk_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Is an advanced care plan (or similar parallel care plan) in place?	1, Yes   2, No	
other_comments_wk_over28	nicu_weekly_data_over_28_weeks_cga	notes	If any sections reported as 'other' or additional information to add, please document here.		
nicu_death_wk1_over28	nicu_weekly_data_over_28_weeks_cga	categorical	Has the baby died this week?	1, Yes   2, No	