

1 ***Ketogenic Intervention in***
2 ***Depression(KIND)***

3
4 ***The Ohio State University***

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6 ***IRB Approval December 01, 2022***

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8 ***IRB# 2022H0271***

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31 **Informed Consent**
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The Ohio State University Consent to Participate in Research

Study Title: Ketogenic Intervention in Depression (KIND)
Principal Investigators: Jeff Volek, PhD, RD; Scott Hayes, PhD; Jennifer Cheavens, PhD; Ryan Patel, DO
Sponsor Name: The Baszucki Brain Research Fund

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- 37 • **This is a consent form for research participation.** It contains important information about
38 this study and what to expect if you decide to participate. Please consider the information
39 carefully. Feel free to discuss the study with your friends and family and to ask questions
40 before making your decision whether to participate.
- 41 • **Your participation is voluntary.** You may refuse to participate in this study. If you decide
42 to take part in the study, you may leave the study at any time. No matter what decision you
43 make, there will be no penalty to you, and you will not lose any of your usual benefits. Your
44 decision will not affect your treatment through Counseling and Consultation Services (CCS)
45 or your future relationship with The Ohio State University. If you are a student or employee
46 at Ohio State, your decision will not affect your grades or employment status.
- 47 • **You may or may not benefit from participating in this study.** Also, as explained below,
48 your participation may result in unintended or harmful effects for you that may be minor or
49 may be serious depending on the nature of the research.
- 50 • **You will be provided with any new information that develops during the study that**
51 **may affect your decision whether to continue to participate.** If you decide to participate,
52 you will be asked to sign this form and will receive a copy of the form. You are being asked
53 to consider participating in this study for the reasons explained below.

54 Key Information About This Study

55 The following is a short summary to help you decide whether or not to be a part of this study.
56 More detailed information is listed later in this form. This study involves a 12-week ketogenic
57 diet intervention in people with depression currently engaged in counseling treatment provided
58 through the Ohio State University Office of Student Life's Counseling and Consultation
59 Services (CCS). A ketogenic diet is an eating pattern that is low in carbohydrate, moderate in
60 protein, and high in fat. To facilitate transition to the ketogenic diet, we will provide you with
61 detailed food information, ongoing coaching support, as well as some ketogenic-appropriate
62 food items. To determine your response to the ketogenic diet, we will perform a series of
63 different assessments at baseline and various time points over the 12-weeks as detailed in
64 section #3. These tests will focus on how the diet affects your mental health, cognition, body
65 composition, and blood markers of metabolic health. We will draw about 120mL (which is
66 equal to roughly 8 tablespoons) of your blood for the entire study. In a subset of people, we will
67 also take pictures of your brain using Magnetic Resonance Imaging (MRI). Throughout the
68 duration of this study, you will continue to adhere to your normal scheduled appointments with
69 your clinical team at CCS.

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73 **1. Why is this study being done?**

74 The goal of this study is to examine whether a well-formulated ketogenic diet (KD) can be
75 implemented into a university counseling treatment program for major depression and to test
76 whether such a program has any benefit on mental and metabolic health.

77 **2. How many people will take part in this study?**

78 Up to 60 eligible individuals will be recruited through CCS.

79 **3. What will happen if I take part in this study?**

80 This study is about 13 weeks long (1-week baseline period plus a 12-week diet intervention
81 period). It includes 5 in-person study appointments and two optional brain imaging
82 appointments if you are eligible for a brain MRI.

83 Of the 5 appointments, you will complete the first 3 appointments at baseline (BL), one at
84 Week-6 and one at week-12. This will be in addition to your regularly scheduled CCS
85 appointments that occur every 3 weeks. You will also be asked to complete online
86 questionnaires via RedCap or Qualtrics every 2 weeks. **Table 1** describes the assessments at
87 each study appointment. Additional details of the assessments for each appointment are
88 described starting on Page 3. Baseline appointments can be shortened, if necessary, to fit your
89 schedule. For example, appointment 3 may be broken up into two separate sessions if it fits
90 your schedule better.

91 **Table 1:** Scheduled study visits.

| Week | Appointment # | Description | Expected Time Frame |
|--|---------------|--|---------------------|
| Baseline | 1 | Determine potential participant interest in the study and go over pre-study eligibility form with CCS team member. A pamphlet describing the dietary protocol will be handed out at this time. | 1 hr |
| Baseline | 2a | Informed Consent Form & Structured Clinical Interview | 90 min |
| If participant is ineligible or no longer interested, they are compensated, and study participation is terminated. If eligible and interested, participant continues in study as below: | | | |
| Baseline | 2b | Mental Health Battery and Continuous Glucose Monitor / Continuous Ketone Monitor application | 90 min |
| Baseline | 3a | Weight, Hydration Status, Body Composition Testing, Survey/Side Effects, Venous Blood Draw, Body Composition, and Blood Pressure. | 1 hr |
| Baseline | 3b | Cognitive testing | 1 hr |
| Baseline | 3c | Dietary consult | 45 min |
| Baseline | 3d* | MR Testing | 1 hr |
| 5 | 4 | Continuous Glucose Monitor / Continuous Ketone Monitor application | 5 min |

| | | | |
|----|-----|---|-------|
| 6 | 5 | Weight, Hydration Status, Body Composition Testing, Survey/Side Effects, Venous Blood Draw, and Blood Pressure. | 1hr |
| 11 | 6 | Continuous Glucose Monitor / Continuous Ketone Monitor application | 5 min |
| 12 | 7a | Cognitive Tests | 1 hr |
| 12 | 7b | Weight, Hydration Status, Body Composition Testing, Survey/Side Effects, Venous Blood Draw, and Blood Pressure. | 1 hr |
| 12 | 7c* | MR Testing | 1 hr |

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It may be possible to combine or schedule additional appointments depending on your schedule. More appointments may be necessary if additional time is needed to complete any of the study tasks.

*Optional

97 Eligibility Screening: Your treatment provider at CCS will have already gone through a
98 prescreening check list with you prior to this eligibility appointment. After I have read through
99 this form with you and you decide to consent to this study, you will be interviewed about your
100 mental health history and current symptoms. You will also complete self-report questionnaires
101 about your current dietary habits, mood, mental health, and typical behaviors. These measures
102 will be used to determine your eligibility for the study. If any of these measures indicate that
103 you are ineligible or it is unsafe for you to participate, then you will not be able to be in the
104 study. If you meet the eligibility , you will be asked to participate in the following study
105 components:

106

107 **Ketogenic Diet Intervention**

108 After all baseline testing, we will select a day for you to start consuming a ketogenic diet for
109 12-weeks. Ketogenic diets are low in carbohydrate, high in fat, and moderate in protein. Foods
110 permitted include non-starchy vegetables, eggs, cheese, cream, butter, sour cream, nuts/seeds,
111 oils (olive, canola, coconut), certain fruits (tomatoes, berries, olives, avocado), meats (beef,
112 chicken, fish, pork) and other naturally low-carbohydrate foods. We will ask you to limit foods
113 with a high sugar or starch content such as cereal, pasta, sweets, some vegetables (peas, corn),
114 fruit juices, and regular soda. You will be provided individualized counseling by trained
115 dietitians who will educate and support you in following the ketogenic diet. The dietitians will
116 provide educational materials, meal plans, food lists, and ongoing support throughout the 12-
117 week intervention. This will include provision of some staple ketogenic-appropriate foods to
118 help you adhere to the diet. You will have the opportunity to ask questions via phone or text as
119 often as you need.

120

121 **Assessments**

122 Clinical Interview/Behavioral Assessment (baseline, week 6 and week 12): At these
123 appointments (estimated duration of 2 - 3 hours, with scheduled breaks), you will be asked a
124 variety of questions about your mental and physical health, sleep, and fitness habits. You will
125 also be asked to fill out an online survey to assess depressive symptoms via an internet-based

126 survey and questionnaire administration program (REDCap / Qualtrics) every two weeks.
127 Additionally, you may also be asked to fill out demographic, mood, health, or behavioral
128 questionnaires.

129 Body Composition Assessment (baseline, week-6, and week-12): You will also be asked to
130 complete a dual-energy x-ray absorptiometry (DXA) scan. You will lie still on a table while the
131 DXA machine takes pictures of your body (approximately 4-5 min) and gives us results of body
132 fat and muscle mass. Female participants must complete a pregnancy test (urine HCG) prior to
133 the DXA scan. This research study involves exposure to radiation from a DEXA EXPERT
134 spine, femur or whole-body scan. This radiation exposure is not necessary for your medical
135 care and is for research purposes only. The total amount of radiation that you will receive in
136 this study is about 0.78 mSv or 78 mrem and is approximately equivalent to a uniform whole-
137 body exposure of 95 days of exposure to natural background radiation. This use involves
138 minimal risk and is necessary to obtain the research information desired.

139 Cognitive Tests (baseline, week-6, and week-12): Cognitive assessments will be done using
140 computer-based tests that will measure various aspects of cognition such as attention,
141 concentration, reaction time, memory, processing speed, decision-making, and executive
142 function. These assessments may ask you to perform a variety of tasks, designed to measure
143 various aspects of cognition and memory. You may read or listen to words or sentences, look
144 at images, listen to sounds, draw objects, or imagine events. You may be working on the
145 computer or doing paper and pencil tasks. The experimenter will explain each task and you may
146 need to respond verbally, with written responses, or by pressing buttons.

147
148 Blood Draw (baseline, week-6, and week-12): A blood draw will be performed by a trained
149 individual. During this procedure, the skin overlying the large veins of the forearm will be
150 carefully cleaned with alcohol. A needle will then be inserted into the vein and approximately
151 40 ml (2.7 Tablespoons) of blood drawn into multiple tubes. The study team will process the
152 blood for determination of various health markers.

153 Continuous Glucose/Ketone Monitor (baseline/week-1, weeks 5-6, weeks 11-12): Adhesive
154 patches with a tiny needle will be placed on the back of your arm that will automatically
155 measure your glucose and ketone levels every minute. Each patch is worn for 2-weeks.

156

157 Finger Sticks (daily): Throughout the duration of the dietary intervention, you will be asked to
158 perform finger-stick testing each morning to measure your blood glucose and ketone levels via
159 a drop of blood. This drop of blood will provide us with the information we need to adjust your
160 diet so that you maintain a specific level of ketones in your blood. You will be provided with
161 the glucose/ketone meter, and we will teach you how to use it.

162

163 Sleep/Activity Monitor (daily): A tracker (Oura ring) will be worn on your index finger to
164 monitor your sleep and activity throughout the study.

165

166 MRI Session (optional; baseline and week-12): If you are asked and decide to participate in
167 this supplemental testing (estimated duration of 1 hour), you will complete an MRI scan, which
168 takes pictures of your brain so we can look at brain structure and function. You will be asked

169 to remove all metal objects from your person – including but not limited to – cell phones,
170 watches, jewelry, change, wallet (with credit cards), and shoes. Before you enter the scanner,
171 you will also need to remove your glasses, hearing aids, and dentures (if removable). We may
172 ask you to change into comfortable clothing, such as a gown, that is safe to wear in the MRI
173 room for the imaging session and prepare for the session by using the restroom if necessary.

174 During the MRI session, you will lie on your back on the bed of the scanner. The MRI
175 technician will provide padding for your head and knees to make you more comfortable while
176 lying down. We will give you earplugs to reduce the noise experienced while in the scanner. If
177 available, we may ask you to wear things such as a belt or mask or device on your finger that
178 allows us to measure your breathing, heart rate, and gas you breathe out such as carbon dioxide.
179 We will ask you to remain as still as possible during the imaging session because motion during
180 the scanning reduces image quality.

181 Once you are comfortably situated in the MRI scanner, the investigators will leave the scanning
182 room, but will observe the session through the glass window. The investigators will talk to you
183 on the intercom system and will confirm that you are comfortable. You will be able to
184 communicate with the investigators through the intercom system. For some scans, you may see
185 pictures, symbols, or words, and will be asked to answer a question about the item. For some
186 scans, we may ask you to hold your breath for brief periods of time. For other scans, you can
187 lie still and rest. You will be in the scanner for up to 2 hours. We will announce the beginning
188 of each scan and ask you to confirm that you are prepared. During the scan session, you will
189 hear loud noises. If for any reason you are unable to continue with the MRI session, you can
190 signal the MR technician who will immediately discontinue the scan.

191
192 **Analysis**

193 All the blood we collect from you will be kept in a cold storage freezer in our biochemistry lab.
194 Your samples will be labeled with your subject identifier and not your name to maintain
195 confidentiality. We will be measuring several markers in your blood related to metabolism and
196 cardiometabolic response. However, since we will be storing your blood for up to five years,
197 we may think of other markers to measure that we did not think of prior to the start of this study.
198 Any future analysis that we may conduct will be related to this current study only and will not
199 be used for any other research study. You have the right to decline the use of your samples for
200 any potential future analysis. Below are two check boxes indicating that you either will allow
201 us or will not allow us to use your blood to measure future markers. If you select not to allow
202 us to use your blood for future tests, then any leftover samples will be destroyed. Please select
203 an option below and sign your name with today's date. The extra signature indicates that you
204 have thought about, read and understand this option. Please keep in mind that the selection of
205 either option will have no impact or penalty during your participation in the study, and you will
206 not lose any benefits to which you are otherwise entitled.

207
208 **Yes**, I give permission to use my blood samples for any future analysis.

209
210 **No**, I do not give permission to use my blood samples for any future analysis.

211
212 Participant Signature: _____

213
214 Date: _____
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218 **4. How long will I be in the study?**

219 Your participation in this study will last for a total of 13 weeks, split into one week of baseline
220 testing and 12 weeks of the dietary intervention. The Baseline (BL) visit will consist of 3-4
221 appointments, depending on your participation in fMRI testing. Week-6, and week-12 of the
222 dietary intervention consist of 1-2 appointments each. We anticipate it will take approximately
223 21.5 - 24 hours to complete all appointments for this study. You can voluntarily withdraw from
224 this study at any point. Please be aware that the study personnel may terminate your
225 participation depending on your ability to take part in the study activities, such as an inability
226 to complete portions of the assessment or if staff consider it to be unsafe for you to participate.
227

228 **5. Can I stop being in the study?**

229 You may leave the study at any time. If you decide to stop participating in the study, there will
230 be no penalty to you, and you will not lose any benefits to which you are otherwise entitled.
231 Your decision will not affect your services through CCS or future relationship with The Ohio
232 State University.

233

234 **6. What risks, side effects or discomforts can I expect from being in the study?**

235 Travel: Travel to The Ohio State University for the assessment appointments may be
236 inconvenient.

237 Clinical Interview and Behavioral Component: The behavioral health counseling will take place
238 outside of the study, through CCS. However, we will collect relevant information for the study.
239 There is minimal risk associated with completing questionnaires and interviews and you are not
240 expected to experience negative reactions above those experienced in everyday life.

241 Surveys: Surveys administered in this study are designed to evaluate psychological aspects
242 of mood, satiety/hunger, which may make you uncomfortable. The surveys have potential to
243 cause you to feel anxiety, stress, depressive feelings, etc. You can skip any question(s) that
244 make you uncomfortable. Research key personnel will help to provide contact information for
245 resources such as the student health center, medical center, or emergency department if
246 necessary to aid with intense psychological distress induced by surveys.
247

248 Body Composition-DXA: You will be exposed to a very small amount of radiation by the
249 scanner used to measure your body composition. Exposure to any amount of X-ray radiation,
250 no matter how low, may cause abnormal changes in cells. However, the body continuously
251 repairs these changes, and the amount of radiation is very low in this study. DXA includes
252 exposure to radiation similar to a flight from New York to Los Angeles or 125 times less than
253 the radiation associated with a standard chest x-ray; any exposure to radiation may elevate
254 cancer risk. The extra lifetime risk of dying of a fatal cancer due to the radiation exposure from

255 this research may range from about one in 500,000 to about one in 200,000. At such low
256 radiation exposures, scientists disagree about the amount of risk. These estimates are very
257 uncertain, and there may be no extra risk at all. You will only be asked to complete the DXA
258 assessment three times, which will minimize risks.

259 Ketogenic Diets: The diet intervention may be challenging because it will require you to limit
260 foods you are accustomed to eating. We will make sure you are aware of the general dietary
261 requirements including lists of foods you will need to restrict (as well as foods that will be
262 permitted) during the informational session, so you can make an educated decision to
263 participate.
264

265 Continuous Ketone/Glucose Monitor: The patch application may cause a slight immediate
266 discomfort at the specific stick site. Under normal conditions, there are minimal risks to you
267 when performing application that include: bruising; light-headedness or dizziness due to fear
268 of needles; and infection.
269

270 Finger-stick Testing: The finger stick may cause a slight immediate discomfort at the specific
271 stick site. Under normal conditions, there are minimal risks to you when performing finger-
272 sticks that include: bruising; light-headedness or dizziness due to fear of needles; and infection.

273 Blood Draws: Blood draws may cause discomfort at the skin puncture site and a small bruise
274 may develop that may persist for several weeks. There is also a small possibility of an infection.
275 Every precaution to avoid infection will be taken including the use of sterile disposable needles
276 and gauze and the practice of aseptic (sterile) techniques during the blood draw.

277 Optional MRI Session: During the MRI procedure, you will hear many different sounds
278 produced by the scanner. These sounds are sharp and repetitive and can cause anxiety in some
279 people. We will minimize this with earplugs and/or headphones, and these sounds are not
280 harmful to your hearing. If you are asked to hold your breath or exercise during the scan, you
281 may experience increased breathing and heart rate, sweating, or muscle fatigue. Extended
282 periods of time in the MRI scanner can become uncomfortable. We will use all means to
283 promote comfort including the use of pillows and padding.

284 Some people experience a “closed-in” feeling due to the small space within the MRI machine.
285 If you experience such feelings, you can signal the researchers. You can do this at any time to
286 stop the scan. On rare occasions, some people may experience one or more of the following:
287 momentary dizziness, metallic taste, tingling sensations, or muscle twitches. Please tell the
288 study staff over the intercom if any of these sensations occur. Some people may experience
289 feeling “light-headed” or muscle fatigue. If you experience any feeling that makes you
290 particularly uncomfortable, you can signal the researchers. You can do this at any time to stop
291 the scan.

292 During the MRI, metal becomes magnetized and can heat up or move. You should not have the
293 MRI procedure if you have shrapnel, surgical metal clips, or implants, including a pacemaker,
294 in your body, as this could result in physical harm. Dental fillings are not a problem. If there is
295 any question about whether there is metal in your body that would make it unsafe to undergo

296 MRI, you will not be able to take part in the study. You will need to remove all jewelry and
297 clothing that contain metal when having the MRI such as (but not limited to) rings, bracelets,
298 watches, hair clips, hair bands with metal clips, and underwire bras.

299 Currently there are no known risks of harm to an unborn child from MRI. However, MRI might
300 involve risks to the embryo or fetus, which are currently unforeseeable. Therefore, if you are
301 pregnant or trying to become pregnant, you should not have the MRI procedure.

302 The scans performed in this study are for specific research purposes and are not optimized to
303 detect medical abnormalities (you are not given any MRI contrast agent). The standard OSU
304 and FDA screening and safety guidelines for MRI will be followed. The MRI scans you receive
305 in this study are not intended to be diagnostic and do not replace a clinical MRI scan reviewed
306 by a qualified radiologist. You will be required to provide a primary care physician (PCP) to
307 complete the MRI scan and your MR images will be reviewed by a radiologist within 30 days.
308 Any incidental findings will be shared with your PCP as recommended by the radiologist;
309 however, a lack of notification of incidental findings by our lab does not indicate that your scans
310 are within normal limits. You will be provided with either a CD or printed paper containing a
311 link that will allow you to view your structural scans, if you desire. All incidental findings for
312 MRI, and cognitive assessments will be communicated to you and your PCP within 30 days.

313 In addition to the risks listed above, you may experience a previously unknown risk or side
314 effect. Please sign below regarding your consent to MRI imaging for this study.

315 Yes, I consent to performing the MRI imaging for this study.

316
317 No, I do **NOT** consent to performing the MRI imaging for this study.

318
319 Participant Signature: _____

320
321 Date: _____

322
323

324 Please indicate which primary care physician you wish for us to send any incidental findings.

325

326 Primary Care Physician (PCP): _____

327

328 PCP Phone #: _____

329

330 PCP Email: _____

331

332 **7. What benefits can I expect from being in the study?**

333 At the end of the study, we will provide you with your data about how you responded to the
334 ketogenic diet. This feedback is not diagnostic in any way. This experience may help inform

335 you about ways you could modify your own diet. Our staff and registered dietitians will also be
336 available to answer questions you may have about the diets you will be eating to aid in your
337 nutrition education. At the end of the study and after we have completed all the analysis, you
338 will also receive your own results back and you will be able to see if the diet led to any
339 improvements in your health, mood, or performance.

340 **8. What other choices do I have if I do not take part in the study?**

341 You may choose not to participate with no penalty or loss of benefits to which you are otherwise
342 entitled. Your participation in this study will not alter any treatment you are receiving at OSU
343 or with any outside providers.

344

345 **9. Will my study-related information be kept confidential?**

346 For all the data collected over the course of the study (i.e., records, biological samples and
347 questionnaires) a unique subject identifier (i.e., a code) will be assigned and used instead of
348 your name. This identifier, which links your name to your data, will only be available to
349 research personnel. Any records that contain your name and identifier together will either be
350 stored in the Clinical Psychology file storage room in a locked file cabinet or protected on a
351 computer via password protection on the individual digital file and password protection on the
352 computer the file(s) are stored on. All other records that only contain the subject identifier will
353 be kept in either a file cabinet in our locked file storage room or on a password protected
354 computer. Your name will never be used in any presentation or publication resulting from this
355 study. The records will be maintained until the data are published.

356

357 Raw data values from the CGM/CKM monitors, which include continuous glucose and ketone
358 values, will be submitted to the device manufacturer (Abbott Diabetes Care) with your study
359 identification number. This is so the company can change the numbers we get from the monitors
360 into values that we can interpret for you.

361

362 There may be circumstances where your information must be released. For example, personal
363 information regarding your participation in this study may be disclosed if required by state law.
364 We may have to release your information if a law requires us to do so, the Agency that is
365 funding this study requests the information, or if the FDA tells us to release this information.
366 For example, we may disclose medical information (confidentiality will be broken) in cases of
367 medical necessity or take steps (including notifying authorities) to protect you or someone else
368 from serious harm, including child or elder abuse, or if you are in immediate danger of harming
369 yourself or others.

370

371 Also, your records may be reviewed by the following groups (as applicable to the research):

- 372
- 373 • Office for Human Research Protections or other federal, state, or international regulatory
374 agencies.
 - 375 • U.S. Food and Drug Administration.
 - 376 • The Ohio State University Institutional Review Board or Office of Responsible Research
Practices.

- 377 • The sponsor supporting the study, their agents or study monitors; and
378 • Your insurance company (if charges are billed to insurance)

379 If this study is related to your medical care, your study-related information may be placed in
380 your permanent hospital, clinic, or physician's office records. Any potential incidental findings
381 from MRI, blood biomarkers, etc. will be shared with you. Incidental findings from the MRI
382 imaging will be reported to your primary care physician within 30 days of finding. The
383 remaining information (ie. Blood biomarkers) is non-diagnostic and will be provided so you
384 may choose to share with your physician. Authorized Ohio State University staff not involved
385 in the study may be aware that you are participating in a research study and have access to your
386 information.

387
388 You may also be asked to sign a separate Health Insurance Portability and Accountability Act
389 (HIPAA) research authorization form if the study involves the use of your protected health
390 information. Unpublished research information/findings from this research study will be kept
391 confidential.

392

393 **10. Will my de-identified information and bio-specimens be used or shared for future**
394 **research?**

395 Yes, de-identified data may be used or shared with other researchers without your additional
396 informed consent. It may also be used in development of new scientific methods. The only
397 identifying information ever attached to any biological materials will be a unique subject
398 identifier. The coded blood samples will be stored at OSU facilities. There is no limit on the
399 length of time we will keep your blood and information. We will keep them as long as they are
400 useful, unless you ask to have them removed from the study or we close the specimen
401 repository.

402

403 **11. What are the costs of taking part in this study?**

404 Other than your time, there are no costs to participate in the study. You may need to pay for
405 parking if you do not have an Ohio State University parking pass, but we have temporary passes
406 that we may be able to provide you.

407

408

409 **12. Will I be paid for taking part in this study?**

410 Yes, you are eligible to receive up to **\$300** if you complete the entire study including optional
411 MRI testing. Payment will be in the form of a check or OSU PCard. If you do not complete the
412 full study, compensation will be prorated:

- 413 • Completion of baseline testing will result in compensation of **\$50**.
414 • Completion of baseline and week 6 testing will result in compensation of **\$100**.
415 • Completing all study requirements excluding optional MRI will result in the compensation
416 of **\$200**.

- 417 • Completing all study requirements including optional MRI at baseline and Week-12 will
418 result in compensation of the full **\$300**.

419 By law, payments to subjects are considered taxable income.

420 If you agree to participate, your samples will be considered a gift to The Ohio State University.
421 The university may sell or share your samples and personal information with others, such as
422 private companies, government agencies, or other universities. The university will be paid if
423 your samples and personal information are sold.

- 424 • Your samples and personal information may be used to make new products or technologies.
425 You will not be paid if these new products or technologies are sold or make money.
426 • You cannot choose how your samples and personal information will be used. If you do not
427 want to let others decide how your samples and personal information will be used, then you
428 should not donate your samples.

429

430 **13. What happens if I am experiencing a serious medical emergency (physical or mental)**
431 **because I took part in this study?**

432 If you suffer an injury from participating in this study, you should notify the researcher or study
433 doctor immediately, who will determine if you should obtain medical treatment at The Ohio
434 State University Wexner Medical Center.

435 The cost for this treatment will be billed to you or your medical or hospital insurance. The Ohio
436 State University has no funds set aside for the payment of health care expenses for this study.

437 If you were to indicate immediate threat to your safety or the safety of others, we will notify
438 your CCS treatment provider immediately to address the problem. Current participation in
439 psychotherapy is an inclusion criteria for the study and, thus, you will be connected to a
440 therapist throughout your time in the trial. Additionally, there are two licensed clinical
441 psychologists and a licensed psychiatrist included as research staff for this study. They will be
442 contacted should a mental health emergency arise.

443

444 **14. What are my rights if I take part in this study?**

445 If you choose to participate in the study, you may discontinue participation at any time without
446 penalty or loss of benefits. By signing this form, you do not give up any personal legal rights
447 you may have as a participant in this study.

448 You will be provided with any new information that develops during the research that may
449 affect your decision whether to continue participation in the study.

450 An Institutional Review Board responsible for human subject research at The Ohio State
451 University reviewed this research project and found it to be acceptable, according to applicable
452 state and federal regulations and University policies designed to protect the rights and welfare
453 of participants in research.

454

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456

457 **15. Who can answer my questions about the study?**

458 For questions, concerns, or complaints about the study, or if you feel you have been harmed
459 due to study participation, you may contact **Dr. Jeff Volek via email volek.1@osu.edu. 305**
460 **Anne and John Glenn Avenue, Room A041.**

461

462 For questions related to your privacy rights under HIPAA or related to this research
463 authorization, please contact Wexner Medical Center, HIPAA Privacy Officer, 600 Ackerman Rd.,
464 Columbus, OH 43202, 614-292-4477.

465 For questions about your rights as a participant in this study or to discuss other study-related
466 concerns or complaints with someone not part of the research team, you may contact the Office
467 of Responsible Research Practices at 1-800-678-6251.

468 **Signing the consent form**

469 I have read (or someone has read to me) this form, and I am aware that I am being asked to
470 participate in a research study. I have had the opportunity to ask questions and have had them
471 answered to my satisfaction. I voluntarily agree to participate in this study.

472 I am not giving up any legal rights by signing this form. I will be given a copy of this
473 combined consent and HIPAA research authorization form.

Printed name of subject

Signature of subject

AM/PM

Date and time

**Printed name of person authorized to
consent for subject (when applicable)**

**Signature of person authorized to consent
for subject
(when applicable)**

AM/PM

Relationship to the subject

Date and time

474

475 **Investigator/Research Staff**

476 I have explained the research to the participant or his/her representative before requesting the
477 signature(s) above. There are no blanks in this document. A copy of this form has been given
478 to the participant or his/her representative.

**Printed name of person obtaining
consent**

Signature of person obtaining consent

AM/PM

Date and time

479