



Jefferson.

May 12, 2015

Office of Human Research  
Division of Human Subjects Protection  
Institutional Review Board

Jefferson Alumni Hall  
1020 Locust Street, Suite M-34  
Philadelphia, PA 19107  
T 215-503-8966  
F 215-503-3843

Amanda Roman-Camargo, M.D.  
Obstetrics and Gynecology/Maternal Fetal Medicine

Dear Dr. Roman-Camargo:

The Institutional Review Board (IRB) has reviewed the involvement of humans as research subjects in your study entitled:

**“Randomized Control Trial: Physical Exam Indicated Cerclage in Twin Gestations” (Departmental Control #14D.238)**

In accordance with Federal-Wide Assurance #00002109 to the U.S. Department of Health and Human Services, this study was approved for one year by Board #2405 on 05/08/15 for up to 4 subjects/year at Thomas Jefferson University following:

**NEW/FULL ( X )**

**EXPEDITED/NEW ( )**

**Board Review**

\* Dr. Stuart Weiner (Co-Investigator) was not present for deliberations and vote on this protocol.

**THIS APPROVAL REQUIRES THAT INFORMED CONSENT BE OBTAINED FROM ALL PERSONS PRIOR TO THEIR INVOLVEMENT IN THE STUDY BY THE USE OF THE LATEST APPROVED PATIENT CONSENT FORM.**

**EACH SUBJECT MUST RECEIVE A COPY OF THEIR SIGNED CONSENT FORM.**

This approval expires on 05/07/16, one year from the original approval date, unless suspended or terminated earlier by action of the IRB. At the end of the current approval, a report (Form OHR-9) must be submitted to the IRB summarizing progress on the study during that period.

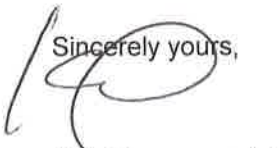
If you wish to continue the study beyond the expiration of this approval, an application for continuation of your study must be submitted to the IRB at least one month prior to the expiration date.

Any injury and/or unanticipated problem involving risks to the human research subjects not included in the written consent form must be reported promptly to the IRB using Form OHR-10 OFF-SITE or OHR-10 ON-SITE. This report should describe the event, evaluate its probable relationship to the experimental treatment received by the subject, and summarize the resulting outcome of the event.

Any proposed change in the protocol or in the written consent form must be submitted with Form OHR-12 to the IRB for review and approval before the proposed change can be implemented.

**This approval verifies that the IRB operates in accordance with applicable federal, local and institutional regulations that govern IRB operations.**

Sincerely yours,

  
Kyle Conner, M.A., CIP  
Associate Director  
Division of Human Subjects Protection

KC/vcd



1  
2  
3 **Thomas Jefferson University**  
4 **Informed Consent Document for Human Subjects Research – OHR-8 (v.12/11/13)**

5 **Department:** OB/GYN

6  
7 **Principal Investigator:** Amanda Roman, MD **Telephone:** 215-955-9200

8  
9 **Co-Investigator(s):** Vincenzo Berghella, MD; Jason Baxter, MD, MSCP; Meiling Hua, MD;  
10 Anju Suhag, MD; Alexis Gimovsky, MD; Corina Schoen, MD; Navathe, MD; Adeeb Khalifeh,  
11 MD.

12 **Telephone:** 215-955-9200

13  
14 **Medical Study Title:** A Randomized Control Trial: Physical Exam Indicated Cerclage In Twin  
15 Gestations

16  
17 **Lay Study Title:** A research study to examine the effectiveness of using cervical stitch to  
18 prevent premature delivery in women with twin pregnancy and cervical dilation prior 24 weeks  
19 of gestation

20  
21  
22 **What Is Informed Consent**

23  
24 You are being asked to take part in a medical research study. As required by federal regulations,  
25 this research study has been reviewed and approved by an Institutional Review Board (IRB), a  
26 University committee that reviews, approves and monitors research involving humans. Before a  
27 knowledgeable decision about whether to participate in a research study can be made, the  
28 possible risks and benefits related to the study should be understood. This process of learning and  
29 thinking about a study before deciding to participate is known as *informed consent* and includes:

- 30
- 31 • Receiving detailed information about this research study;
  - 32 • Being asked to read, sign and date this consent form once the nature of the study is  
33 understood and a decision is made to participate. If there is anything about the study you  
34 don't understand or if there are questions, you should ask for explanations before signing  
35 this form;
  - 36 • Being given a copy of the signed and dated consent form to keep.

37 A patient who joins a research study has a relationship with the study doctor that is different than  
38 the relationship with a treating or personal doctor. A treating doctor treats a specific health  
39 condition with the goal of improving that condition. A study doctor treats all subjects according  
40 to a research plan to obtain information about the experimental drug, device or procedure being  
41 studied and with the understanding that there may or may not be benefit from being in the study.  
42 The study doctor and study staff can provide more information about research as opposed to  
43 treatment.

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

Thomas Jefferson University IRB  
Approval Date 03-12-15  
Expiration Date 03-11-16  
Annual review due 6 weeks before expiration

44 **What is the purpose of this study?**

45  
46 Women with twin pregnancy who have a dilated (open) cervix detected on physical exam before  
47 24 weeks are at increased risk for delivering their babies preterm (before 37 weeks gestation).  
48 Prematurity is associated with many complications for the babies including respiratory  
49 (breathing) problems, bleeding inside of the brain (a form of stroke), increased risk of infection,  
50 kidney, temperature and feeding problems. These complications occur more often at earlier  
51 gestational ages. The cervical cerclage is a suture (a wide flat string) placed around the cervix  
52 (the opening to the womb), that may help to prevent preterm birth. Cervical cerclages have been  
53 used for many years to prevent preterm birth in women carrying one baby, and found to have a  
54 dilated cervix. While some case reports have found that cervical cerclage may prevent preterm  
55 birth in twin pregnancies, the use of cervical cerclage to prevent preterm birth in this study is  
56 experimental.

57  
58 The purpose of this research is to determine whether the use of cervical cerclage in women with  
59 twin pregnancy and cervical dilation before 24 weeks will prevent, or reduce the occurrence of  
60 preterm birth.

61  
62 **How many individuals will participate in the study and how long will the study last?**

63 We hope to enroll 52 patients nationally or internationally and 12 patients here at Jefferson. Each  
64 participant will be in the study from the time of enrollment to the end of your pregnancy and the  
65 discharge of the infants from the hospital after delivery.

66  
67

68 **What will happen during the study?**

69  
70 Women with twin pregnancy who are found to have cervical dilation (an open cervix) at pelvic  
71 exam before 24 weeks will be invited to participate in the study.

72  
73 Before any research activities can happen, you will be given time to read this consent form and  
74 discuss the research protocol with your family or your significant other. The information in the  
75 form will be reviewed with you, and all of your questions will be answered. One of the  
76 physicians involved in this research project will explain to you all the risks, benefits and  
77 alternatives to the surgical procedures involved in the cerclage placement before you decide  
78 whether you would like to participate in this study. If you agree to participate in the study, you  
79 will be asked to sign this form.

80

81 You will have a vaginal exam done so the research clinician can examine your cervix.

82  
83 You will then be randomly assigned (flipping a coin) to one of two management strategies for  
84 your dilated cervix:

85

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

86 **Arm 1:** You will have a surgical procedure under anesthesia called cervical cerclage at the  
87 Thomas Jefferson Hospital main operating room; this involves placing a suture or tape around  
88 your cervix (opening to the womb) to close it again. The procedure will be performed by an  
89 Ob/Gyn doctor with special training in this kind of procedure. The doctor placing the cervical  
90 cerclage must be a study investigator; this cannot be placed by your regular Ob/Gyn. If you  
91 agree with the procedure, a precertification request will be sent to your insurance to assure  
92 coverage of your surgery. Your surgery will be scheduled as soon as possible after insurance  
93 approval, usually for the same day or the following day. You will receive antibiotics during the  
94 surgery and pain medication after the procedure. You maybe kept under observation in the  
95 hospital for up to 24 hours and be discharged when you are considered to be safe to go home.

96  
97 After the cervical cerclage has been placed, you will receive routine prenatal care from your Ob  
98 care provider. The study coordinator will notify your Ob care provider that you are participating  
99 in the study and that you have a cervical cerclage placed. The study coordinator will contact you  
100 monthly to ask how your pregnancy is progressing. Your care provider will remove the cerclage  
101 during your 36<sup>th</sup> week of pregnancy (approximately 4 weeks before your due date), or earlier if  
102 needed. The cerclage can removed in the office during a speculum exam, you will not be  
103 required to return to the operating room for removal of the cerclage. The provider removing the  
104 cerclage does not have to be a study investigator.

105  
106 **Arm 2:** You will receive routine prenatal care. No cerclage will be placed. The study coordinator  
107 will notify your Ob care provider about the findings during your physical exam and that you are  
108 participating in the study and that you did not receive a cerclage. The study coordinator will  
109 contact you monthly to ask how your pregnancy is progressing.

110  
111 You have a 50% chance of being assigned to Arm 1 and 50% chance of being assigned to Arm 2.

112  
113 After randomization to either Arm 1 or 2, you will continue routine prenatal care that may  
114 include admissions to the hospital for preterm contractions or labor, tocolysis, antenatal steroids  
115 to improve fetal lung maturity, magnesium sulfate to protect fetal brain, antibiotics and fetal  
116 monitoring as needed per standard of care.

117  
118 After you are assigned to your study group, all of your care will be managed by the regular  
119 clinical team, not the research team. While Dr. Roman-Camargo is the director of the study, she  
120 will not be your treating physician. Clinical questions about treatment should be addressed to  
121 your clinical team.

122  
123 You will be ask to sign a release of medical information in case you delivered at a different  
124 institution than Thomas Jefferson University Hospital or if your babies are transferred to a  
125 different institution prior to being discharged home.

126

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

127 Soon after your babies have been delivered, you will be asked to answer some questions about  
128 your pregnancy and your baby's health. The research team will also review your medical records  
129 for information about the outcome of your pregnancy or will use the medical release form to  
130 obtain records from a different institution than Thomas Jefferson University Hospital.

131  
132

133 **What are the side effects and other risks or discomforts involved?**

134

- 135 • Minimal discomforts are expected during the pelvic exam (like when you have your pap  
136 smear done) and possible anxiety caused by the evaluation of your cervix.
- 137 • The likelihood of cerclage placement's side effects are based on previous use in singleton  
138 pregnancies.
  - 139 ○ Additional risks are related to the surgical procedure and risks of anesthesia (usually  
140 regional anesthesia: spinal or epidural).
  - 141 ○ Breaking the bag of water (rupture of amniotic membranes) during surgery that could  
142 mean the possible loss of your pregnancy, cervical tearing and scarring, bleeding  
143 (usually around 2 tablespoons), intrauterine infection, inability of cerclage placement  
144 due to advanced cervical opening, preterm labor and preterm delivery.
  - 145 ○ Although many women experience vaginal discharge during pregnancy, you are very  
146 likely to experience vaginal discharge if you have a cerclage placed. It is possible that  
147 the cerclage may not prevent preterm birth or prolong pregnancy more than routine  
148 care (Arm 2).
  - 149 ○ In case of contractions you may experience vaginal bleeding secondary to cervical  
150 tearing, if you have the cerclage in place. You should call your obstetrician in case of  
151 any vaginal bleeding
  - 152 ○ All attempts will be made to rule out intrauterine infection prior to presenting to the  
153 study. However, intrauterine infection may be present, but unknown at the time of  
154 the cerclage placement, or it may develop afterward.
  - 155 ○ The present research protocol may involve risks that are currently unforeseeable.

156

157 **Things you should know about side effects:**

158

- 159 • Who will or will not have side effects is not predictable
- 160 • Some side effects are mild while others may be severe
- 161 • There may be treatments available that could reduce the severity of side effects
- 162 • The study doctor/research staff will discuss the risks listed below in greater detail with  
163 you

164

165 Tell the study doctor or research team as soon as possible if any of the side effects, risks or  
166 discomforts listed below occur or if you think a side effect that is not listed may be happening.

167

168 If your condition worsens, if side effects become very severe, or if it turns out that being in this  
169 study is not in your best interest, you will be taken out of the study.

Subject Initials: \_\_\_\_\_

Date: \_\_\_\_\_

170  
171 If questions come up about side effects, ask the study doctor or staff at any time during or after  
172 the study.

173  
174 The likelihood of side effects of cerclage placement is based on previous experience in singleton  
175 pregnancies.

- 176 • Common, some may be serious, could happen in 20% or more of subjects:
- 177 ○ Vaginal discharge
  - 178 ○ Spontaneous rupture of membranes (water breaking)
- 179
- 180 • Possible side effects, some may be serious
- 181 ○ Accidental rupture of membranes during cerclage placement (5-20%)-A change in
  - 182 the type of bacteria that naturally live in the vagina
  - 183 ○ Erosion or abrasion of vaginal or cervical tissue
  - 184 ○ Damage to the cervix (tearing, scarring)
  - 185 ○ Contractions
  - 186 ○ Vaginal bleeding

187  
188 **Are there benefits from being in this study?**

189  
190 In singleton pregnancies with dilated cervix, some studies have shown that cerclage may prevent  
191 preterm birth or prolonged pregnancy and decrease newborn complications. Most women with  
192 twin pregnancies and dilated cervix will deliver before 28 weeks. If you have a cerclage placed,  
193 it is possible that the cerclage may prolong pregnancy and decrease the chance of delivering your  
194 babies earlier than 28 weeks.

195  
196 There may be no benefit to you from being in this research, but we hope that what we learn may  
197 be helpful to future patients or society in general. If the cerclage is found to prevent preterm  
198 birth, this knowledge could be helpful to many women and babies in the future.

199  
200 **Are there alternatives to being in the study?**

201  
202 Routine care of women with twin pregnancy and preterm cervical dilation varies in the United  
203 States, and at this time there are very few interventions to offer women, that have been proven to  
204 prolong pregnancy. Participation in this study is entirely voluntary. There may be other  
205 alternatives that could be considered. These alternatives may include: ending the pregnancy or  
206 expectant management (waiting and watching). The study doctor will provide information about  
207 the study and any alternative treatments available.

208  
209 **How will privacy and confidentiality (identity) be protected?**

210  
211 Federal regulations require that certain information about individuals be kept confidential. This  
212 information is called “protected health information” (PHI). PHI includes information that

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

213 identifies an individual personally such as name, address and social security number, or any  
214 medical or mental health record, or test result, that may have this sort of information on it. The  
215 laws state that people may see and review their medical records at any time. However, in a  
216 research study, people may not see the study results or other data about the study until after the  
217 research is completed unless the study doctor decides otherwise.

- 218
- 219 • The following individuals or entities may have access to your PHI and by law must  
220 protect it. These include investigators listed on this consent form and other personnel of  
221 Thomas Jefferson University, Jefferson University Physicians, and Thomas Jefferson  
222 University Hospitals, Inc. involved in this specific study, the University's Division of  
223 Human Subjects Protection and the Institutional Review Board (IRB), and your health  
224 insurance company (if necessary for billing for standard medical care).

225

226 PHI collected during this study may also be shared with the following entities that, while not  
227 obligated by law to protect PHI, will protect it to the best of their ability:

- 228
- 229 • The Food and Drug Administration (FDA)
  - 230 • A Data and Safety Monitoring Committee (DSMC),
  - 231 • With any person or agency required by law.

232

233 The following information will be provided to the entities noted above:

234

235 **Study data for analysis:**

236 Results of ultrasounds performed during your pregnancy (but not pictures)  
237 In case of cerclage: surgical information data: surgical technique, type of suture.  
238 Admissions to the hospital: medications during admissions while still pregnant  
239 Delivery information

240

241 **Demographic data:**

242 Maternal age (years)  
243 Ethnicity (self-reported)  
244 Number of placentas (one or two)  
245 Gestational age at the time of cervical dilation diagnosis (weeks)  
246 Gestational age at randomization (weeks)  
247 Gestational age at cerclage placement (weeks)  
248 Gestational age at delivery (weeks)  
249 Information about your babies: birth weight, Apgar scores, admission to neonatal unit and  
250 complications during their stay in the hospital until discharge home.

251

252 If you develop an illness or injury during the course of participation in this study, other PHI  
253 about treating and following the condition may be generated and disclosed as it relates to this  
254 study.

255

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

256 PHI collected as part of this research may be used/disclosed indefinitely. For the purpose of the  
257 study, your PHI will be removed and all the data regarding your pregnancy and babies'  
258 information will receive a research number (de-identified information). Only authorized personal  
259 will have access to your PHI data. Accidental disclosure of your "protected health information"  
260 (PHI) may put you at risk of identity theft.

261  
262 You may quit the study and revoke permission to use and share PHI at any time by contacting the  
263 principal investigator, in writing, at: **Dr. Amanda Roman-Camargo, 833 Chestnut St., First floor,**  
264 **Philadelphia, PA 19107.** Further collection of PHI will be stopped on those who quit the study, but  
265 PHI that has already been collected may still be used.

266  
267 The results of clinical tests and procedures performed as part of this research may be included in  
268 your medical records. The information from this study may be published in scientific journals or  
269 presented at scientific meetings but no one will be personally identified in these publications and  
270 presentations.

271  
272 A description of this clinical trial will be available on <http://www.ClinicalTrials.gov>, as required  
273 by U.S. Law. This Web site will not include information that can identify you. At most, this  
274 Web site will include a summary of the results. You can search this Web site at any time.

275  
276 **What happens in case of injury as a result of being in this study?**

277  
278 In the event of a research-related injury, necessary and available medical care (including  
279 hospitalization) will be provided. A research-related injury is a physical injury or illness that is  
280 directly caused by any procedure or treatment used in this study that is different from the  
281 treatment you would receive if not participating in a research study. If physical injury occurs due  
282 to any drug/substance or procedure properly given under the plan for this study, medical  
283 expenses for treating the injury will be billed to your insurance carrier. You should be aware that  
284 some costs may not be covered by insurance and may become your responsibility) Costs not  
285 covered by your insurance, a government program or by another 3<sup>rd</sup> party may be paid for by the  
286 sponsor of this study. There is no plan to provide compensation for loss of wages, lost time from  
287 work, personal discomfort, or for injuries or problems related to your underlying medical  
288 condition(s).

289  
290 If a bill related to a research-related injury is received that seems wrong, please discuss it with  
291 the study doctor or research coordinator.

292 **Is there payment for being in this study?**

293  
294 There is no payment for participating in this research study.

295  
296 **Are there costs related to being in this study?**

297  
298 If you are assigned to receive a cervical cerclage we will request an insurance precertification  
299 from your insurance prior to the procedure to ensure that your insurance will cover the cost

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_



300 associated with the procedure. If you don't have insurance at the moment of randomization, a  
301 medical necessity letter will be provided, coverage will be requested and financial office at  
302 Thomas Jefferson Hospital will be consulted. You will be notified of the precertification  
303 outcome. At this time, insurance companies are routinely covering the procedure and the costs  
304 associated with it.

305

### 306 ***Research Procedures***

307

308 The use of a cervical cerclage in twin pregnancies with cervical dilation to prevent preterm birth  
309 is experimental as the effectiveness is unknown but it is the standard of care in women with  
310 singleton pregnancies. The cervical cerclage technique is not experimental.

311

### 312 ***Standard Testing Procedures***

313

314 Other testing procedures and doctors' appointments constitute standard of care during pregnancy;  
315 they will be billed to your health insurance carrier as usual. These are charges that would be  
316 billed to insurance whether in a research study or not. The study doctor will explain which  
317 procedures, tests and doctor visits are considered standard of care.

318

319 If a bill is received that you think is wrong, please discuss it with the study doctor or research  
320 coordinator.

321

322

### 323 **What if the research results in new findings?**

324

325 Anything learned during the study period, beneficial or not, that may affect your health or  
326 willingness to continue in the study, will be discussed with you.

327

### 328 **Can I be removed from the study or quit the study?**

329

330 Your decision to participate in this research study is entirely voluntary. You have been told what  
331 being in this study will involve, including the possible risks and benefits.

332

333 Your participation in this research project may be stopped by the study doctor without your  
334 consent for any reason that he/she feels is appropriate. Examples of these reasons are: the study  
335 doctor feels it is necessary for your health or safety, you have not followed study instructions, or  
336 the Food and Drug Administration (FDA) has decided to stop the study.

337

338 You may decline to participate in this investigation or withdraw consent and quit this study  
339 without penalty and without affecting the ability to receive medical care at Thomas Jefferson  
340 University.

341

Subject Initials: \_\_\_\_\_

Date: \_\_\_\_\_

342 If you withdraw from this study, you may continue treatment with your Jefferson doctor, or you  
343 may seek treatment from another doctor of your choice.  
344

345 Should you decide to withdraw from the study, please be sure to inform the study doctor.  
346 Additional tests or procedures may be needed to ensure your safety. The study doctor will  
347 explain why these tests or procedures are necessary.  
348

349  
350 **CONTACT INFORMATION**  
351

Telephone number for questions about your rights as a research participant	The Jefferson Institutional Review Board	215-503-8966
For questions, concerns or complaints about the research, or if you suspect a research-related injury	The Principal Investigator, Dr. Amanda Roman-Camargo or any co-investigator listed at the beginning of this form	215-955-9200
If you have difficulty contacting the study staff	Call the Jefferson Office of Human Research	215-503-0203

352  
353  
354 If you want more information about the Jefferson Institutional Review Board or Jefferson's  
355 Human Research Protection Program, please visit our website at  
356 [http://www.jefferson.edu/human\\_research/irb/index.cfm](http://www.jefferson.edu/human_research/irb/index.cfm).

357 **Subject Communications**

358  
359 Do you wish to communicate with the study staff by e-mail? YES \_\_\_\_\_ NO \_\_\_\_\_  
360

361 If you checked yes, please print your e-mail address on the line below.  
362  
363 \_\_\_\_\_  
364

365 **RISKS:** E-mail correspondence is not always secure and there is a risk of loss of confidentiality.  
366 To help protect against loss of confidentiality, all e-mail that originates from Jefferson University  
367 or Jefferson Hospital employees using Jefferson University or Jefferson Hospital e-mail  
368 addresses is encrypted. That means, unless you have allowed others to have access to your e-  
369 mail, only you will see the e-mail.  
370

371 **YOU SHOULD NEVER USE E-MAIL TO REPORT A SUSPECTED ADVERSE EVENT OR**  
372 **ANY OTHER MEDICAL PROBLEM. THESE SHOULD BE REPORTED BY TELEPHONE.**  
373

Subject Initials: \_\_\_\_\_  
Date: \_\_\_\_\_

374 **Non-Waiver of Legal Rights Statement**

- 375
- 376 ✓ **By your agreement to participate in this study, and by signing this consent form, you**
- 377 **are not waiving any of your legal rights.**
- 378 ✓ **In order to be in this research study, you must sign this consent form.**
- 379 ✓ **You affirm that you have read this consent form. You have been told that you will**
- 380 **receive a copy.**
- 381

382 **SIGNATURES**

383

384 \_\_\_\_\_

385 Your Name

386

387 \_\_\_\_\_

388 Your Signature Date

389

390 \_\_\_\_\_

391 Name of Person Conducting Consent Interview

392

393 \_\_\_\_\_

394 Signature of Person Conducting Consent Interview Date

395

396 \_\_\_\_\_

397 Witness Signature *(only required if subject understands and speaks English* *Date*  
398 *but cannot read English or if subject is blind or cannot physically sign the*  
399 *consent form)*

400

401 \_\_\_\_\_

402 Signature of Principal Investigator or Co-Investigator Date

403

404 \*\*\*\*\*

405

406 \_\_\_\_\_

407 Copy of Signed and Dated Consent given to Subject by *(Signature above)* Date

408

409  
410 OPTIONAL TEACH-BACK FOR INFORMED CONSENT (GREATER THAN MINIMAL  
411 RISK STUDIES)

412  
413  
414 Is the surgical procedure (cerclage) used in this study FDA approved?

415  
416 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

417  
418 Do you have to be in this research in order to be able to receive your usual care?

419  
420 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

421  
422 Do you understand the risks of being in this study?

423  
424 YES \_\_\_\_\_ NO \_\_\_\_\_

425  
426 Is there a risk(s) you would like to know more about?

427  
428 YES \_\_\_\_\_ NO \_\_\_\_\_

429  
430 If yes, what risk(s)

431  
432 Is there a benefit to you from being in this study?

433  
434 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

435  
436 Are there other treatments you can get for your condition without being in this research study?

437  
438 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

439  
440 Will you be paid for being in this study?

441  
442 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

443  
444 Can you drop out of this study at any time for any reason and still receive care from the study  
445 doctor or your regular Jefferson doctor?

446  
447 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

448  
449 Do you need to tell the study doctor or study staff if you are going to quit the study?

450  
451 YES \_\_\_\_\_ NO \_\_\_\_\_ DON'T REMEMBER \_\_\_\_\_

1 **Appendix #1: Initial Follow up**

2  
3 Record ID \_\_\_\_\_

4 Date of contact: \_\_\_\_\_

5 Method of contact:

- 6  Email
- 7  Phone call
- 8  RedCap Survey
- 9  Text Message
- 10  Other: \_\_\_\_\_

11 Name of person contacting participant: \_\_\_\_\_

12 Have you experienced any complications with your pregnancy? [ ] Yes [ ] No

13 If yes, please describe: \_\_\_\_\_

14 Have you been seen for a problem outside of a regularly scheduled prenatal visit? [ ] Yes [ ] No

15 Was this visit for: \_\_\_\_\_

16 Have you been seen on labor and delivery, the labor and delivery triage unit, or the emergency  
17 room? [ ] Yes [ ] No; if yes please describe: \_\_\_\_\_

18 Have you experienced vaginal bleeding? [ ] Yes [ ] No

19 Have you experienced vaginal discharge? [ ] Yes [ ] No

20 Have you experienced contractions? [ ] Yes [ ] No

21 Have you experienced leaking of fluid? [ ] Yes [ ] No

22 Were you admitted to the hospital? [ ] Yes [ ] No

23 What dates were you admitted? \_\_\_\_\_

24 For how many days? \_\_\_\_\_

25 Why were you admitted to the hospital? \_\_\_\_\_

26 Were you treated with steroid shots for fetal lung maturity? [ ] Yes [ ] No

27 Were you treated with medication to stop preterm contractions or labor? [ ] Yes [ ] No

28 Was the cerclage removed? Why \_\_\_\_\_

29 Have you had sexual intercourse since you were enrolled in this study? [ ] Yes [ ] No

30 Additional notes/comments: \_\_\_\_\_

31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45