

Rocky Mountain University of Health Professions
Assent to Participate Form

The Effect of Anticipatory Coarticulation in Conjunction with Augmented Feedback
on Production of Final /r/ Words in People with Speech Sound Disorders

My name is Dawn Moore. I am a speech therapist.

We are asking you to take part in a research study. We are trying to learn more about using something called coarticulation to help correct the /r/ at the end of words. The use of coarticulation in this study is where we put the word *red* at the end of your /r/ words. The /r/ in the word *red* may help you to get the /r/ in the other word.

If you agree to be in this study, you will be asked to:

1. Attend a training session online for about 45 minutes. This may take more time if we have any trouble connecting to each other. During this session you will learn how to get online using a company called Zoom.
 - (a) You will learn how to locate and work the camera and turn up the volume.
 - (b) You will learn where to put the computer or tablet for our sessions.
 - (c) You may need to lift the computer or table up or lower the camera is level with your nose. This will help me to see your whole face.
 - (d) Your parent will need to measure the distance from your nose to the camera to reach 20 inches. This can be done using a tape measure.
 - (e) You will use the spoon side of a teaspoon (spoon side down) to push down the back of the tongue while saying 'ahh'. This is just like using a tongue depressor at the doctor. This is done so I can see your tonsils.
 - (f) You will shine a flashlight at the back of your throat during this process.

2. Attend another session online for about 45 minutes. You will be asked to do the things listed below:
 - a) Set up the computer/tablet on the table or desk just like we did in the last session.
 - b) Repeat /r/ words after me. There will be /r/ words with /r/ at the beginning, middle, and end of the word.
 - c) Repeat another list of words with /r/ at the beginning.
 - d) I will say a word and you will point to the picture that matches it. There will be 4 pictures. You will pick the one that matches best.
 - e) I will need to look in your mouth to find out the following:
 - f) How your mouth opens and closes.
 - g) I will look at the roof of your mouth to see what it looks like.



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Protocol # 171286-02
Page 1 of 3

- h) I want to see how well your tongue moves. You will move it in and out of your mouth. Then, you will wiggle it side to side.
- i) You will be asked to repeat the word 'kitty' until told to stop.
- j) You will put the spoon side of a teaspoon, spoon side down, on your tongue while you stick it out and say "ahh". You will use a flashlight to light up the inside of the mouth and lean forward into the camera. This will allow me to see your tonsils and their size.
- k) Your parent will need to measure again from your nose to the camera to make sure it is 20 inches just like we did in the training session. I will need you try to stay there for the next two things we do.
- l) I will have you open your mouth as wide as you can. I will measure this on the screen with a little ruler. I will have you do this three times.
- m) Then, you will open your mouth as wide as you can and touch your tongue right behind your top teeth. I will also measure this on the screen three times. This is to find out how your tongue moves with and without your lower teeth because it is important for the /r/ sound.
- n) You will be asked to follow 5 different sample directions.

THINGS TO BE COMPLETED DURING THERAPY SESSIONS

1. We will have a 5-minute conversation about you and what you like to do. This will happen during the first therapy meeting and the last therapy meeting.
2. We will work on your /r/ by having you repeat the words I say. The word red will be added to the end of each /r/ word.
3. You will be given directions on how to change things to make your /r/ better. Then you will try the word again.
4. You will say 60 /r/ words + red during each meeting.
5. All of our meetings be video recorded.

The study will last about 6 weeks.

- The first session will be a training session and will last about 30 minutes.
- The next session will be where we will say the /r/ words and do the things listed above. It will last about 30-60 minutes.
- After that, you will meet with me, online, 3 times a week. Each time will be about 15 minutes, but could last as long as 30.
- During the 3rd week and the 5th week, we may have to meet more than 3 times a week. We may have to meet 5 times that week. I will let you know if we have to meet extra during those weeks.



The Effect of Anticipatory Coarticulation in Conjunction
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Protocol # 171286-02
Page 2 of 3

BENEFITS

You may receive benefits from being in this study. One possible benefit is learning about your /r/ sound. You may also start to make your /r/ better. I cannot guarantee, however, that you will receive any benefits from participating in this study.

Please talk to your parents about this study before you decide to participate. I will also ask your parents if it is all right with them to take part in this study. If your parents say that you can be in the study, you can still decide to not participate.

Taking part in this study is up to you. No one will be upset if you don't want to participate. If you decide to participate, you can always change your mind and stop at any time you want.

You can ask me questions that you have about this study and I will try to answer them for you. If you have questions that you think of later, you can call me at (336) 298-6665.

Please mark one of the choices below to tell us what you want to do:

_____ No, I do NOT want to be in this project

_____ Yes, I want to be in this project.

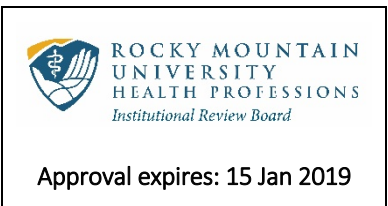
Please mark if the following is okay:

_____ It is okay for me to be videotaped.

_____ It is okay for me to have pictures taken of me.

_____ Print your name here _____ Date _____ Sign/Write your name here _____ Date

_____ Printed name of Investigator _____ Date _____ Signature of Investigator _____ Date



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Protocol # 171286-02
Page 3 of 3