



My Trip to the Hospital for a Video EEG

What is a video EEG?

- A video EEG (electroencephalogram) is a type of EEG that records information about your brain, called brain-wave patterns. These are messages your brain sends to tell your body what to do. The EEG also has a video recording that gives your doctor(s) even more information. This video camera will be on the wall in your room at the Hospital.
- The doctors can read this information to tell you and your family what is happening in your brain during a possible seizure.
- To perform the test, electrodes will be placed on your head by an EEG technologist (tech). An electrode is a wire that connects to a computer to show brain-wave patterns or images of your brain.

9 South



Welcome to 9 South!

This is where you will stay during your visit to the Hospital for a video EEG.

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This is the front desk where you will check in.



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This is what your room will look like.

There will be a television and PlayStation 2 for you to use.

Your parents or caregivers can also stay with you.



This Is an Electrode

An electrode is a wire that connects to a computer to show images of your brain. The gold part of the electrode is the same size of a pea. An EEG tech will attach several electrodes to your head during your stay at the Hospital.

Treatment Room

You will leave your room to have your electrodes placed for the video EEG.

This is the treatment room where you will have the electrodes placed. In here, an EEG tech will place the electrodes on your head. A family member or a caregiver can come with you.



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Just like in your room, there will be a bed and a TV in the treatment room too. You can play games, watch TV, or listen to music while your electrodes are being placed. Your only job is to help the EEG tech by staying still.

Getting Started

First, the EEG tech will help you put on a backpack. This will hold a computer that tells the doctor how your brain works.



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Once your backpack is on, you will be asked to lie down on a bed.



Measuring

The EEG tech will then measure your head with a tape measure.



Mark the Spot

Next, the EEG tech will use a red crayon to mark the spots where the electrodes will be placed.



Getting Cleaned Up

The EEG tech will then use lotion to clean all the spots that were marked with the red crayon. Some children say the lotion feels cold and sandy.



Glue

The EEG tech will then use a special glue to keep your electrodes in place. First, the EEG tech will place a piece of gauze over the electrode and put a small amount of glue on top. The glue comes in a syringe. Some children say the glue smells like nail polish remover.





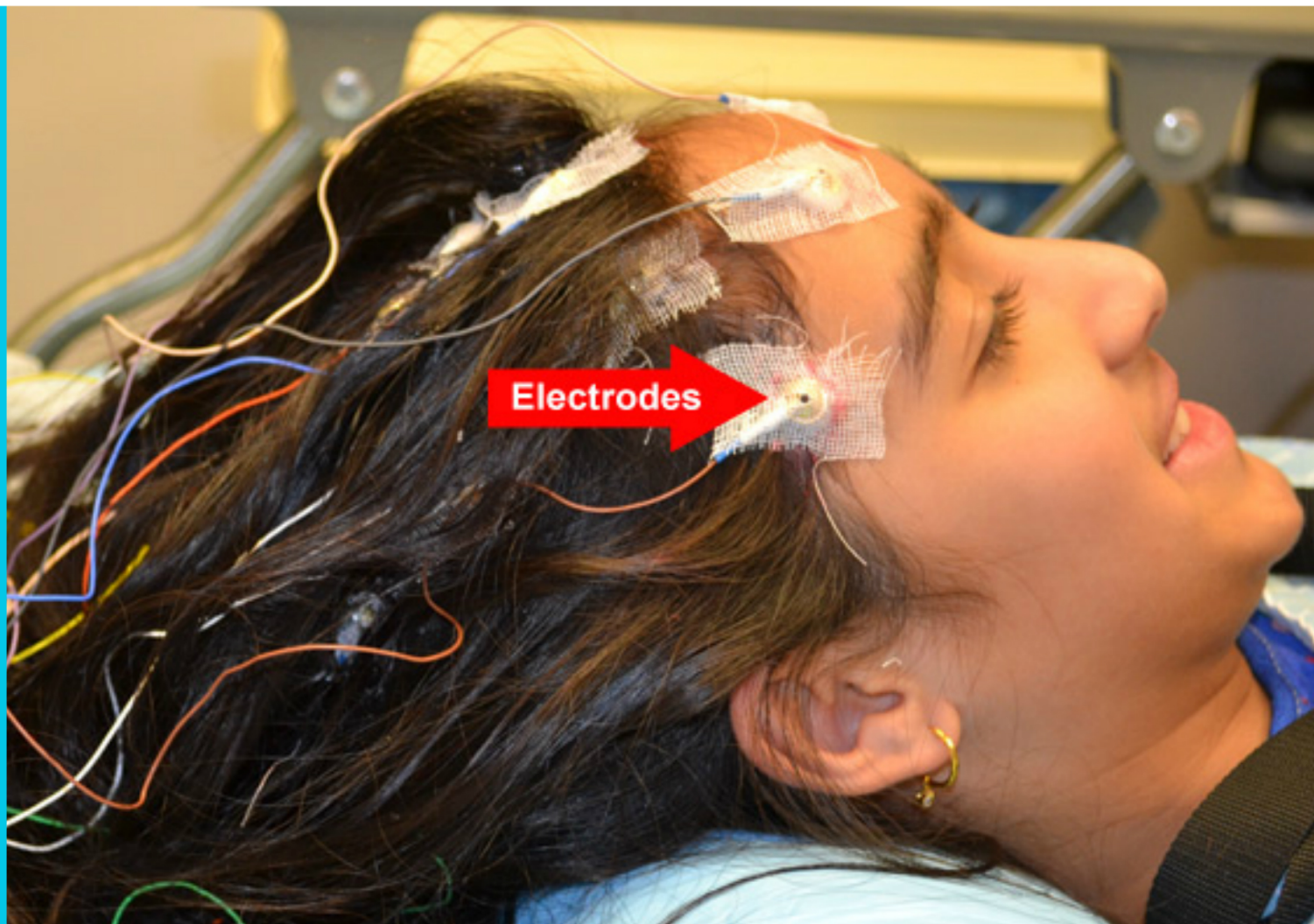
Air Dryer

Do you hear that sound?

It's the sound of the air dryer the EEG tech will use to dry the glue. It blows air like a blow dryer.

Placing the Electrodes

The EEG tech will place the electrodes on the marks made with the red crayon around your head and forehead.



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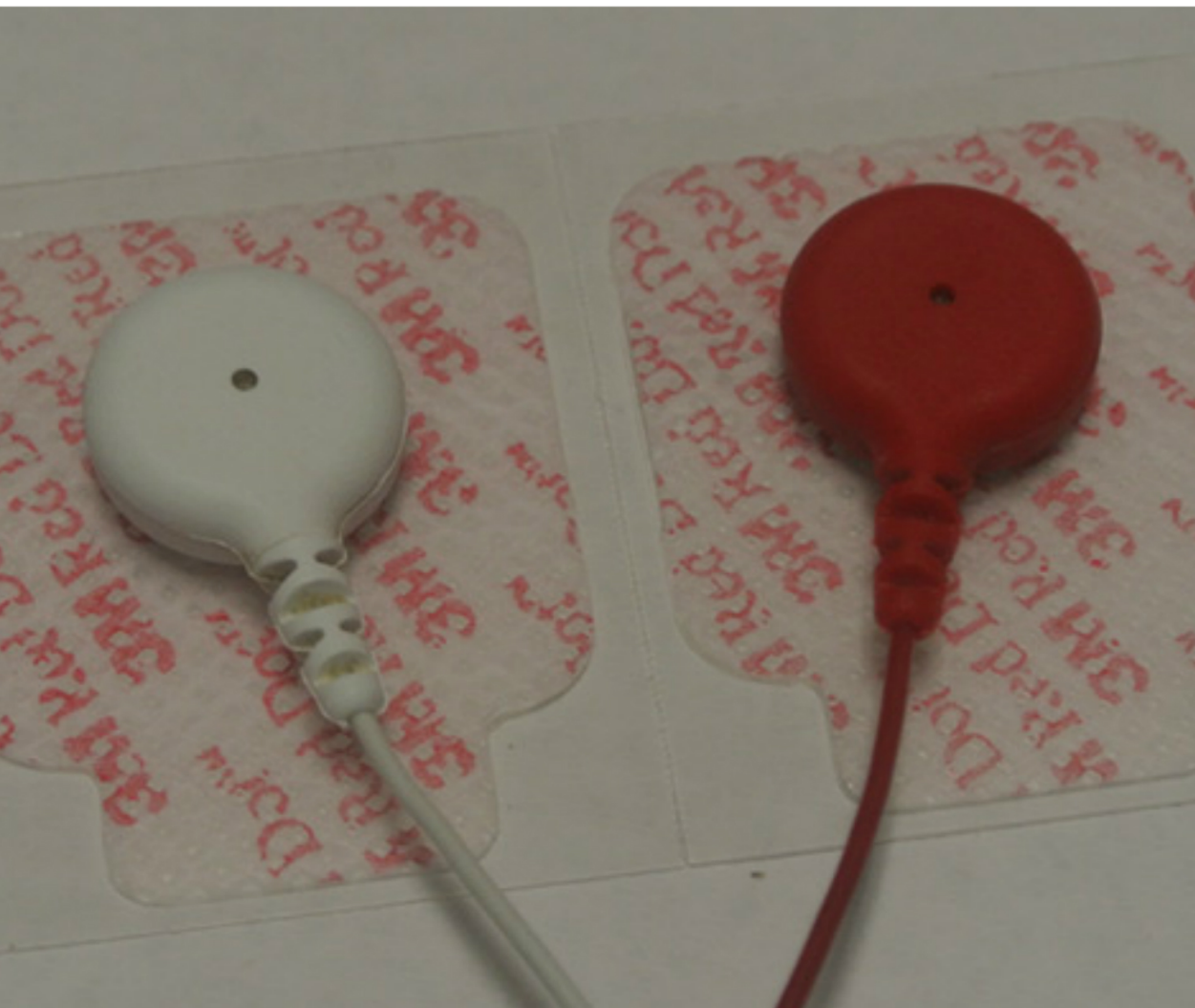


Next, the EEG tech will place green gel inside each electrode. This will help the doctor(s) get a clear picture of your brain.

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Now all the electrodes are attached!





EKG Leads

Once all your electrodes are attached, the EEG tech will attach two EKG (electrocardiogram) leads to your chest. These tell the doctor(s) how fast your heart is beating.

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Next, the EEG tech will start wrapping your head with soft gauze and a stockinette to help keep the electrodes in place.



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Your electrodes will receive a special cover too. Here is what it looks like when the EEG electrode placement is all finished!





Back to the Room

Once your electrodes are in place, you will go back to your room. The electrodes will be connected to a computer and video camera.

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Here is the computer the doctors will use to get information about your brain. The computer also shows the video that is taken while you are in your room.



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While you are on the video EEG, you can play games, watch movies or do arts and crafts, or you can bring your favorite things from home; but, you have to stay inside your room.

Finishing Up

When the doctors decide it is time for you to go home, the electrodes will be removed. This can be done either in your room or back in the treatment room. An EEG tech will use warm water and a special liquid to remove the glue.



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Thank you for learning about your trip to the Hospital for a video EEG. If you have any questions, make sure to write them down and ask your Child Life Specialist when you come for your Hospital visit.



Samira Moosavi,
Child Life Specialist