



## Respiratory Care Department

### Electroencephalogram (EEG)

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The EEG or electroencephalogram is an electrical recording of the activity of the brain amplified many times. Certain characteristic patterns of the brain are normal, and by study of the recordings of the brain action areas, an abnormal action can be detected and located. This test normally takes 45 minutes to perform, but with infants and small children it may take longer. Special sensors are applied to the scalp with a conductive paste, and a recording graph is made. You may not feel anything while this is being done. You will lie on a bed and relax and may sleep if desired during the procedure.

If your doctor has ordered a sleep deprived EEG, this means absolutely no sleep the night prior to the test. If a regular EEG is ordered, you need to stay up 2 to 3 hours past your normal bedtime the night prior to the test and get up 1 to 2 hours earlier than you normally do so that you will be somewhat tired.

Please, NO CAFFEINE the day of the EEG. Hair should be shampooed the day of the test with no hair spray, oils, conditioner, braids or teasing of the hair. For young children and infants, bring in whatever they may normally sleep with: blanket, favorite toy, bottle, etc.

Please bring this form with you. If you have any questions about your test, call the Respiratory Care Department at 406-488-2171.

Date \_\_\_\_\_

Time \_\_\_\_\_