



## ELECTROMYOGRAPHY

Electromyography (EMG) is used to study the electrical activity of muscles at rest and during contraction. EMGs can measure the intensity and speed of nerve conduction, which can be affected by certain diseases that affect the muscles, peripheral nerves, and spinal cord.

### Procedure:

- The first part of the EMG involves placing electrodes on the skin and passing a weak current through them while the electrical activity of the nerves and muscles is recorded.
- For the second part of the test, thin needles are inserted into the muscles and the electrical activity is again recorded.

### Risks:

- There is mild discomfort that may occur when the needles are inserted into the muscle.
- There are no significant risks associated with this procedure.

### Tips for the day of procedure:

- Wear comfortable shorts and short sleeve t-shirt.
- Leave jewelry at home.
- If you take blood thinners, you may opt not to take them for 24 hours prior to procedure if it's okay with the prescribing doctor. Expect some bruising
- You may take all your medications, eat, and drink as normal prior to procedure.
- You may drive yourself to the procedure.

### Tips for scheduling:

- Call the procedure scheduling line at (512) 326-5440 (option 5) to schedule the procedure.
- If you have questions about the procedure, call the clinical line at (512) 326-5440 (option 6)
- Due to the amount of time we schedule, please only make an appointment when you are ready to make a commitment