

#370 Surface EMG Transcript

Surface EMG Brochure

Header: Surface EMG

Q: What is Surface EMG?

A: Surface EMG (Electromyography) is a device for measuring extremely small amounts of electricity generated by muscles below the surface of the skin.

Q: How does Surface EMG work?

A: Two collectors called "electrodes" are placed on the skin above the muscle being tested. A computer interprets the underlying electrical differences, which may be as small as one ten millionth of a volt. These differences may indicate excessive muscle tension.

Q: What does Surface EMG feel like?

A: Most patients feel some light pressure from the electrodes, however Surface EMG is basically a safe and painless diagnostic procedure.

Q: Why is Surface EMG used?

A: Surface EMG is a reliable way to accurately measure and record muscle tension due to stress or trauma. Recordings before and after treatment can be used to show progress and treatment effectiveness.

Patient Benefits

- Safe and non-intrusive diagnostic procedure
- Shows location of muscle spasm
- Visual display is easy to understand
- Documents severity of condition
- Reveals effectiveness of treatment

Photo: Readings being taken.

Caption: Abnormal muscle activity may show where treatment is needed.

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