

Nerve Conduction Test

Patient Information

Name:

Age:

Gender: Male Female Other:

Medical History:

Current Symptoms:

Nerve(s) to be Tested:

Equipment Needed:

- Surface electrodes
- Stimulating electrode
- Recording device
- Conductive gel
- Clean towels or wipes
- Disposable gloves
- Consent form

Procedure:

1. Clean the skin overlying the nerve(s) to be tested.
2. Attach surface electrodes to specific locations along the nerve pathway.
3. Place the stimulating electrode at the appropriate site for nerve stimulation.
4. Set up the recording device to capture nerve conduction signals.
5. Apply conductive gel to enhance electrode conductivity.
6. Administer mild electrical impulses to stimulate the nerve.
7. Record the electrical signals generated by the nerve.
8. Repeat the procedure for each nerve being tested, if applicable.
9. Ensure patient comfort and safety throughout the procedure.

Interpretation of Results:

- Evaluate nerve conduction velocity, amplitude, latency, and other parameters.
- Compare results to normal values for the specific nerve(s) tested.
- Note any abnormalities suggestive of nerve damage or dysfunction.
- Localize the site and extent of nerve injury or compression.

Notes:

Clinical Implications

- Confirm or support suspected diagnoses.
- Guide further diagnostic evaluations or treatment decisions.
- Monitor disease progression and response to treatment over time.

Notes:

Follow-Up

- Schedule follow-up appointments as needed to monitor progress.
- Consider repeat NCTs to assess changes over time or response to treatment.

Notes: