

Anterior Interosseous Nerve Test

Patient name: _____ Age: _____

Examiner: _____ Date: _____

The following are some of the most common tests used to evaluate the function of the anterior interosseous nerve. Please check the test/s you performed and choose the corresponding results from the options provided. Use the Additional Notes section to record any further details.

Pinch grip test

1. Ask the patient to pinch a sheet of paper between their thumb and index finger using the tip of the thumb and the side of the index finger.
2. Observe if the patient can successfully perform the pinch.
3. Note if the patient instead clamps the sheet between their extended thumb and index finger, resembling the use of tongs.
4. Check for weakness in the pronator quadratus muscle by asking the patient to pronate their forearm with a flexed elbow.

Performed? Yes No

Interpretation:

- Positive test:** Inability to perform the pinch grip or clamping instead of pinching and/or weakness in the pronator quadratus muscle
- Negative test:** Ability to perform the pinch grip without difficulty and no weakness in the pronator quadratus muscle.

O.K. sign test

1. Ask the patient to make an "O.K." sign with their thumb and index finger.
2. Observe if the patient can flex the interphalangeal joint of the thumb and the distal interphalangeal joint of the index finger.
3. Note any difficulty or inability to perform the flexion in these joints.
4. Record the findings for further assessment.

Performed? Yes No

Interpretation:

- Positive test:** The patient is unable to flex the interphalangeal joint of the thumb and/or the distal interphalangeal joint of the index finger to make an O.K. sign.
- Negative test:** The patient is able to perform the O.K. sign without difficulty.

Additional notes

Healthcare professional's information

Name:

License number:

Contact details:

Signature:

