

# Comparison of Ultrasound-Guided Injection With Median Nerve Decompression Surgery in Carpal Tunnel Syndrome

NCT06243848

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Status	RECRUITING
Phase	Not Applicable
Sponsor	Afyonkarahisar Health Sciences University
Enrollment	60 participants

## Key Eligibility Criteria

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### Inclusion (4)

- The presence of symptoms such as nocturnal, posture-related, or movement-related paresthesias, along with possible pain, in the area supplied by the median nerve in the hand, lasting for more than 3 months.
- Confirmation of mild, moderate or severe CTS through electrophysiological testing.
- Numbness and loss of sensation in the hand's regions innervated by the median nerve, as well as weakness in the thenar muscles innervated by the median nerve.
- Positive results on either the Phalen test and/or Tinel sign.

### Exclusion (9)

- Individuals who may exhibit symptoms mimicking carpal tunnel syndrome, such as cervical radiculopathy, polyneuropathy, brachial plexopathy, or thoracic outlet syndrome.
  - Patients who have received a previous injection into the carpal tunnel within the past 6 months.
  - Thenar muscle atrophy.
  - A history of prior carpal tunnel surgery.
  - Regular usage of systemic nonsteroidal anti-inflammatory drugs and corticosteroids.
- ... and 4 more (see full listing online)

## Locations (1 total)

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Afyonkarahisar Health Sciences University, Afyonkarahisar, Turkey (Türkiye)