

# Evaluation of RPNI for Symptomatic Neuromas in Lower Limb Amputees

NCT07420192

---

Status	RECRUITING
Sponsor	Saglik Bilimleri Universitesi
Enrollment	20 participants

## Key Eligibility Criteria

---

### Inclusion (10)

- Age: Adults aged 18 to 70 years.
- Amputation Status: Unilateral major lower extremity amputation (Transtibial, Transfemoral, or Knee Disarticulation).
- Radiological Baseline: Absence of Heterotopic Ossification (HO) in the residual limb, confirmed by pre-operative X-rays (Walter Reed Classification Grade 0).
- Diagnosis: Confirmed diagnosis of "Symptomatic Neuroma" validated by the Clinical Triad:
- Neuropathic Pain: DN4 Questionnaire score  $\geq 4$ .

... and 5 more (see full listing online)

### Exclusion (5)

- CRPS: Diagnosis of Complex Regional Pain Syndrome (CRPS Type 1 or 2).
- Concurrent Bone Surgery: Patients requiring simultaneous stump revision surgery (e.g., bone shortening, osteotomy, spur excision) or having existing HO (Walter Reed Grade  $> 0$ ).
- Systemic Conditions: Uncontrolled diabetes mellitus (HbA1c  $> 8.5\%$ ) or severe peripheral arterial disease compromising wound healing.
- Cognitive Status: Cognitive impairment or psychiatric conditions preventing reliable completion of patient-reported outcome measures (PEQ, DN4).
- History: Previous RPNI surgery at the same site (Recurrent RPNI cases).

## Locations (1 total)

---

University of Health Sciences, Gulhane Training and Research Hospital, Department of Orthopedics and Traumatology, Ankara, Ankara, Turkey (Türkiye)