

# Investigating the Relationship Between Temporal Bone CT, Bone Density, and Hearing Loss in Otosclerosis Patients

NCT06830187

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**Status** RECRUITING  
**Sponsor** Obrahim Emir Ye\_il  
**Enrollment** 86 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Adults diagnosed with otosclerosis based on audiological and clinical assessment
- Patients with available high-resolution CT scans and audiological data
- Individuals who have undergone stapedectomy or stapedotomy surgery
- Availability of bone mineral density and serum vitamin D data
- Patients without otosclerosis but with temporal CT imaging for other indications
- ... and 2 more (see full listing online)

### Exclusion (4)

- History of primary metabolic bone diseases (osteoporosis, Paget's disease)
- Use of medications affecting bone metabolism (bisphosphonates, corticosteroids)
- History of chronic otitis media or prior ear surgeries
- Patients who received head and neck radiotherapy

## Locations (1 total)

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Hacettepe University Hospitals, Ankara, Turkey (Türkiye)