

Effect of Orthognathic Surgery on Plantar Pressure and Posture

NCT07350681

| | |
|------------|-----------------|
| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | Ay_enur Dindar |
| Enrollment | 60 participants |

Key Eligibility Criteria

Inclusion (15)

- Study Group (Orthognathic Surgery Group)
 - Participants will be eligible for inclusion in the surgical cohort if they meet all of the following criteria:
 - Individuals scheduled to undergo single-jaw or double-jaw orthognathic surgery as part of comprehensive orthodontic treatment.
 - Currently receiving orthodontic therapy utilizing clear aligner systems or fixed orthodontic appliances.
 - Availability of preoperative lateral cephalometric radiographs obtained as part of routine clinical evaluation.
- ... and 10 more (see full listing online)

Exclusion (6)

- Participants from either cohort will be excluded if they exhibit:
 - Neuromuscular, musculoskeletal, or postural disorders that may independently influence balance or plantar pressure distribution.
 - History of previous orthognathic or maxillofacial surgery.
 - Systemic diseases affecting bone metabolism, neuromuscular function, or gait.
 - Pregnancy.
- ... and 1 more (see full listing online)

Locations (1 total)

Bezmi Alem Vakıf University Faculty of Dentistry, Department of Orthodontics, Istanbul, Fatih, Turkey (Türkiye)