

Effectiveness of Gold Fixed Retainers Compared to Conventional Stainless Steel Retainers

NCT07280455

Status	RECRUITING
Phase	Not Applicable
Sponsor	Noor Sattar Raheem
Enrollment	40 participants

Key Eligibility Criteria

Inclusion (4)

- Age: 15-30 years.
- Patients who have completed comprehensive orthodontic treatment ,with well-aligned mandibular anterior teeth (Little's Irregularity Index d 0.5 mm) at debond; both extraction and non-extraction cases are eligible.
- Patients with good oral hygiene and healthy periodontium at baseline; no previous bonded retainer.
- All mandibular anterior teeth present (canine-canine), with sound lingual enamel suitable for bonding.

Exclusion (5)

- Patients with a history of rapid maxillary expansion (RME) or surgically assisted RME (SARME).
- Patients with a cleft lip / and or palate (craniofacial anomalies).
- Patients with marked deep overbite and/or parafunctional habits (e.g., bruxism, clenching).
- Patients with conditions precluding reliable bonding in the mandibular anterior segment (active caries, extensive restorations, enamel fractures) or missing teeth from canine to canine.
- Patients with medical/periodontal conditions likely to affect gingival health (e.g., active periodontitis, uncontrolled systemic disease).

Locations (1 total)

College of Dentistry, University of Baghdad - Orthodontic Clinics, Baghdad, Baghdad Governorate, Iraq