

Patient Satisfaction and Crestal Bone Changes Around One-piece Zirconia(Zr) and Titanium(Ti) in Implant-Retained Mandibular Over-denture

NCT06643975

Status	RECRUITING
Phase	Not Applicable
Sponsor	Ain Shams University
Enrollment	20 participants

Key Eligibility Criteria

Inclusion (5)

- Male patients
- The age range of 50 to 60 years old (average of 55).
- moderately developed mandibular residual ridges, covered with healthy mucosa, firmly attached to the underlying bone and with average mucosal thickness (2-3) mm.
- At least 12 mm of vertical bone height in the mandible allowing for placement of a 10 mm implant (2 mm safety distance to inferior alveolar nerve).
- Patients were selected with Angle class-I maxillomandibular relationship with sufficient inter-arch space (13-15mm)

Exclusion (10)

- Heavy smokers of more than 10 cigarettes a day
- Poor oral hygiene.
- Patients with temporomandibular joint disorders(TMD),
- Patients suffered of xerostomia,
- Patients exhibited Para-functional habits, or recent extractions were excluded.

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

Locations (1 total)

Faculty of Dentistry, Ain Shams University, Cairo, Egypt