

Effect of Local Application of 1% Metformin Gel on Implant Stability and Peri-implant Bone Density: A Randomized Controlled Study

NCT07497568

Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Baghdad
Enrollment	34 participants

Key Eligibility Criteria

Inclusion (3)

- \) Patients age at least 18 years old. 2) Patient with partial edentulous teeth bounded areas that need dental implant for teeth replacement.
- \) Adequate bone volume for implant placement (at least 5 mm width - 10 mm height).
- \) Ability to tolerate conventional surgical and restorative procedures. 5) Patients who are willing to comply the study and give their consent.

Exclusion (2)

- \- 1) Active infection or inflammation in the implant zone. 2) Presence of any uncontrolled systemic diseases. 3) Patient with history of chemotherapy or radiotherapy. 4) Patient had undergone bone grafting and soft tissue procedures prior to implant surgery.
- \) Patient had undergone tooth extraction at the implant site less than 6 months prior to implant surgery.

Locations (1 total)

University of Baghdad -Collage of Dentistry, Baghdad, Baghdad Governorate, Iraq