

The Effect of Systemic Antibiotics on Post-surgical Complications and Patient-centered Outcomes in Patients Undergoing Implant Surgery With Guided Bone Regeneration and Simultaneous Sinus Floor Elevation

NCT04552080

Status	RECRUITING
Phase	Phase 4
Sponsor	Medical University of Graz
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (5)

- Medically healthy adult: ASA (American Society of Anesthesiologists) classification I-II, age ≥ 21 years old
- Non-smoker, previous smoker (quit ≥ 5 years); light smoker with less than 10 cigarettes/ day
- Not allergic to Amoxicillin/Penicillin antibiotics, NSAIDs (Nonsteroidal anti-inflammatory drugs) or corn-starch
- Edentulous spaces in the posterior maxilla in one or 2 posterior quadrants with an alveolar bone defect requiring sinus floor elevation and allowing implant placement of up to 3 dental implants and simultaneous GBR (residual crest height 3-5 mm; per implant site (Felice et al. 2012; Park et al. 2019).
- Absence of signs of pathology of the sinus membrane and acute sinusitis requiring ongoing management -

Exclusion (13)

- Medically compromised subjects (ASA classification III-V)
- General contraindications against implant treatment or augmentative procedures (e.g. immunodeficiency, advanced systemic diseases, corticosteroid medication)
- Those taking Bisphosphonates/anti-angiogenic/RANKL (Receptor activator of nuclear factor kappa- γ Ligand) inhibitor medications or receiving local radio-therapy
- Heavy smoker or previous heavy smoker (quit < 5 years; ≥ 10 cigarettes/day)
- Allergic to Amoxicillin or Penicillin antibiotics, NSAIDs and / or corn starch
- ... and 8 more (see full listing online)

Locations (1 total)

Medical University of Graz, University Hospital for Dentistry and Oral Health, Graz, Austria