

Evaluating the Clinical Efficacy of Collagen Scaffold (Ossix VOLUMAX) With Piezo-Surgical Decortication in Enhancing Orthodontic Treatment Outcomes: A Randomized Controlled Trial

NCT07097714

Status	RECRUITING
Phase	Not Applicable
Sponsor	NMSI DENTMASTER
Enrollment	70 participants

Key Eligibility Criteria

Inclusion (11)

- **Gingival Phenotype:** Participants must be diagnosed with a thin phenotype of gingiva. This could be measured using a periodontal probe to assess the thickness of the gingiva, typically less than 1 mm is considered thin. In this area may be gingival recession 1,2 Cairo type.
 - **Dental Health:** Participants must have a sufficient number of teeth and bone support to undergo orthodontic treatment. A minimum number of teeth or specific dental conditions may be outlined to ensure that the treatment can be applied effectively.
 - **Malocclusion:** Participants must be diagnosed with malocclusion, specifically requiring correction in the mandibular incisors. The type and severity of malocclusion can be classified according to a recognized system such as the Angle classification or the Index of Orthodontic Treatment Need (IOTN).
 - **Medical History:** Participants must not have any contraindications to dental surgery or orthodontic treatment, such as uncontrolled diabetes, bisphosphonate therapy, or a history of radiation to the jaws.
 - **Consent:** Participants must be able to understand the nature of the study and provide informed consent to participate in the trial.
- ... and 6 more (see full listing online)

Exclusion (1)

- **Existing Periodontal Disease:** Individuals with active periodontal disease or significant periodontal bone loss that contraindicates orthodontic treatment.

Locations (1 total)

Dental Clinic "Dental-Service" - Department of Oral and Maxillofacial Surgery, 77 S. Vanzetti Street, Novosibirsk, Novosibirsk Oblast, Russia