

PhD in Biomedical Sciences

Title: Evaluation of different periodontal plastic surgery techniques for gummy smile treatment

The study aims to evaluate gummy smile reduction and the impact on aesthetic parameters obtained after the implantations of a peek device in the maxilla anterior area, compared to flap surgery and gingivectomy techniques.

Patients will be subdivided into three groups: patients with upper lip hypermobility (surgery for device implantations in the anterior area of the maxilla), patients with short teeth and upper lip hypermobility (flap surgery/gingivectomy and device implantation and patients who refuse implantations (flap surgery/gingivectomy).

At baseline appointment patients will respond to some demographic question, and primary measures will be done. The follow up after surgery (baseline T0) will be: two weeks (T1), one month (T2), three months (T3) and six months (T4).

After six months will be possible to know the gummy smile reduction in each groups.

Keywords: gummy smile; peek; gingivectomy; lip hypermobility.

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