



INSTITUTO
UNIVERSITÁRIO
EGAS MONIZ

UIC

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PhD in Medical Sciences

Research Area: Treatment of oral handicapped patient

Title: Correlation between the thickness of the vestibular alveolar ridge and socket resorption after dental extraction

The aim of this descriptive longitudinal clinical study is to find out if there is a relation between the thickness of the buccal socket ridge and alveolar resorption 3 and 6 months after the dental extraction. If so, a preventive approach can be made only in the most probable cases at the time of the extraction, to prevent an undesirable resorption.

The study population will be made up from all patients scheduled for dental extractions in the oral surgery department at the dental clinic of Instituto Universitário Egas Moniz (IUEM) in Lisbon region between the months of September 2016 and November 2019, with a follow-up of 6 months (until May 2020), who met the inclusion criteria, agree to participate in the study and sign the study informed consent.

After the dental extractions are performed, the thickness of the buccal bone crests will be measured with bone callipers. Perforated thermo-formed vacuum plates will be made to serve as guides so that all measurements will be made in the exact same places (after three and six months).

Data will be collected and statistical analysis will be aimed at trying to find a relation between the buccal crest width in the immediate postoperative and alveolar dimensions (3 and 6 months after the dental extractions). A minimum of 30 patients will be considered.

Keywords: Alveolar ridge, socket resorption, dental extraction

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Start Year: 2014