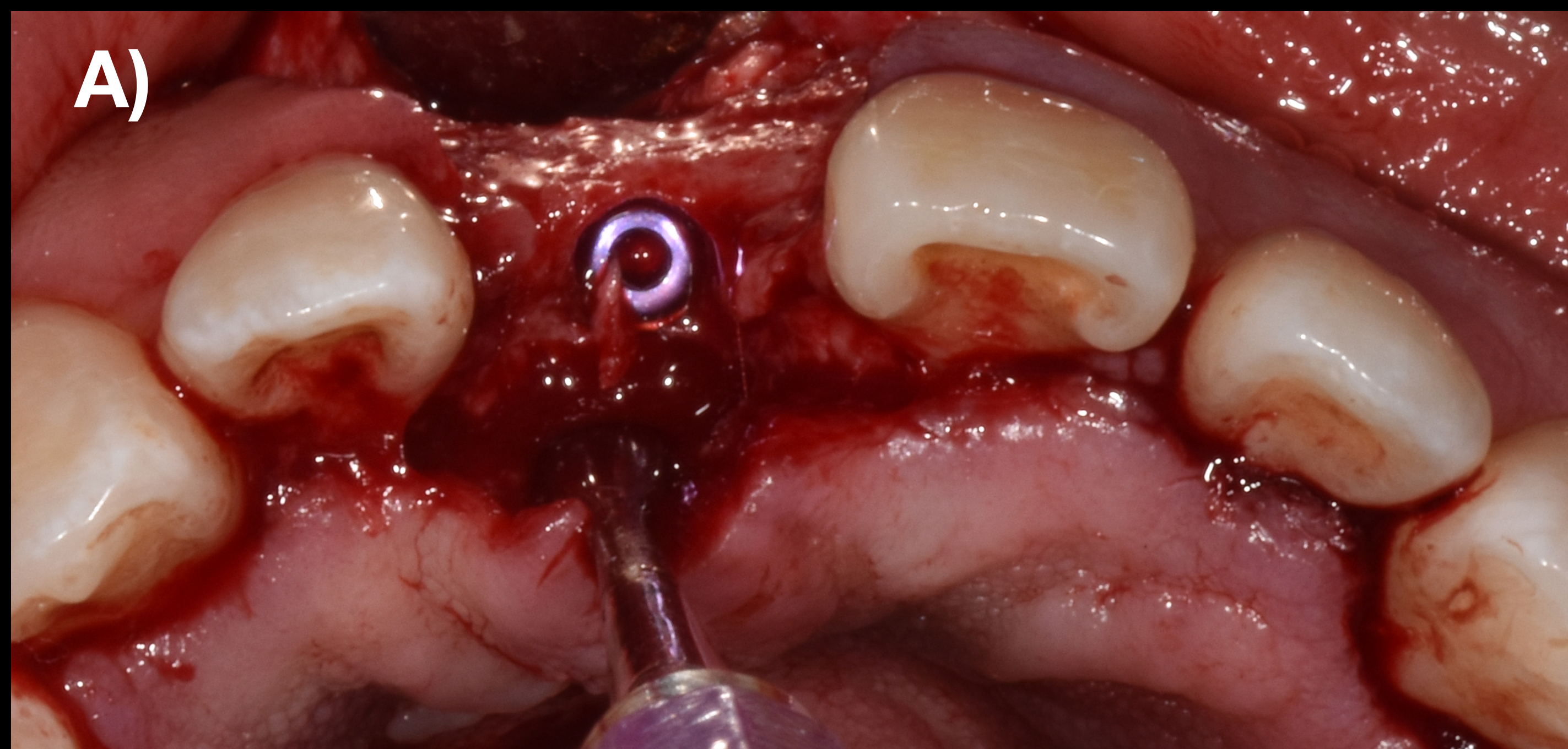
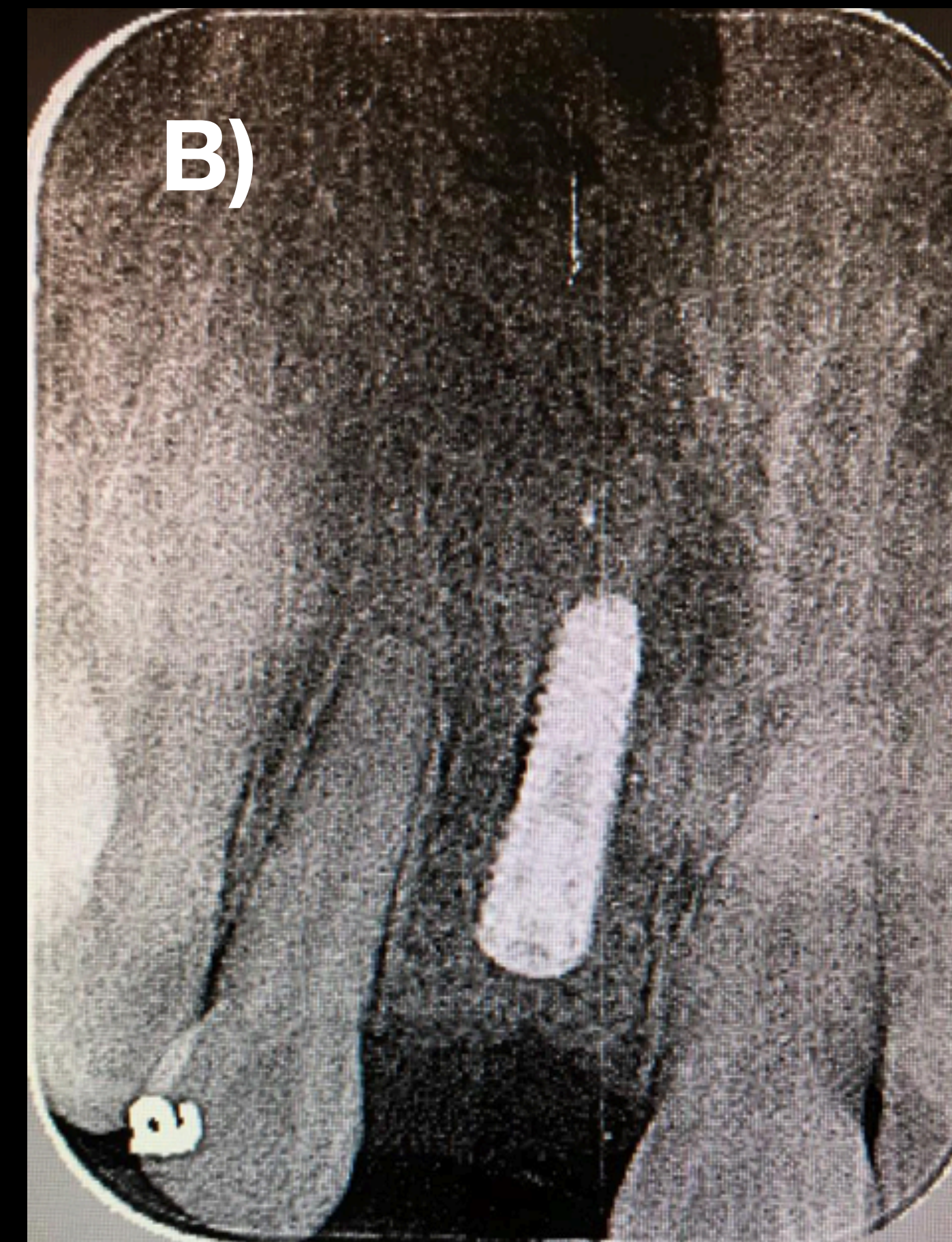


Non-invasive alternative for uncovering implants by the use of soft tissues conformation technique

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Introduction

Anterior implants rehabilitation has become a real challenge for Dentistry. Biological factors and the high aesthetic commitment have led to the proposal of many techniques to achieve an optimal and predictable result.



Objective

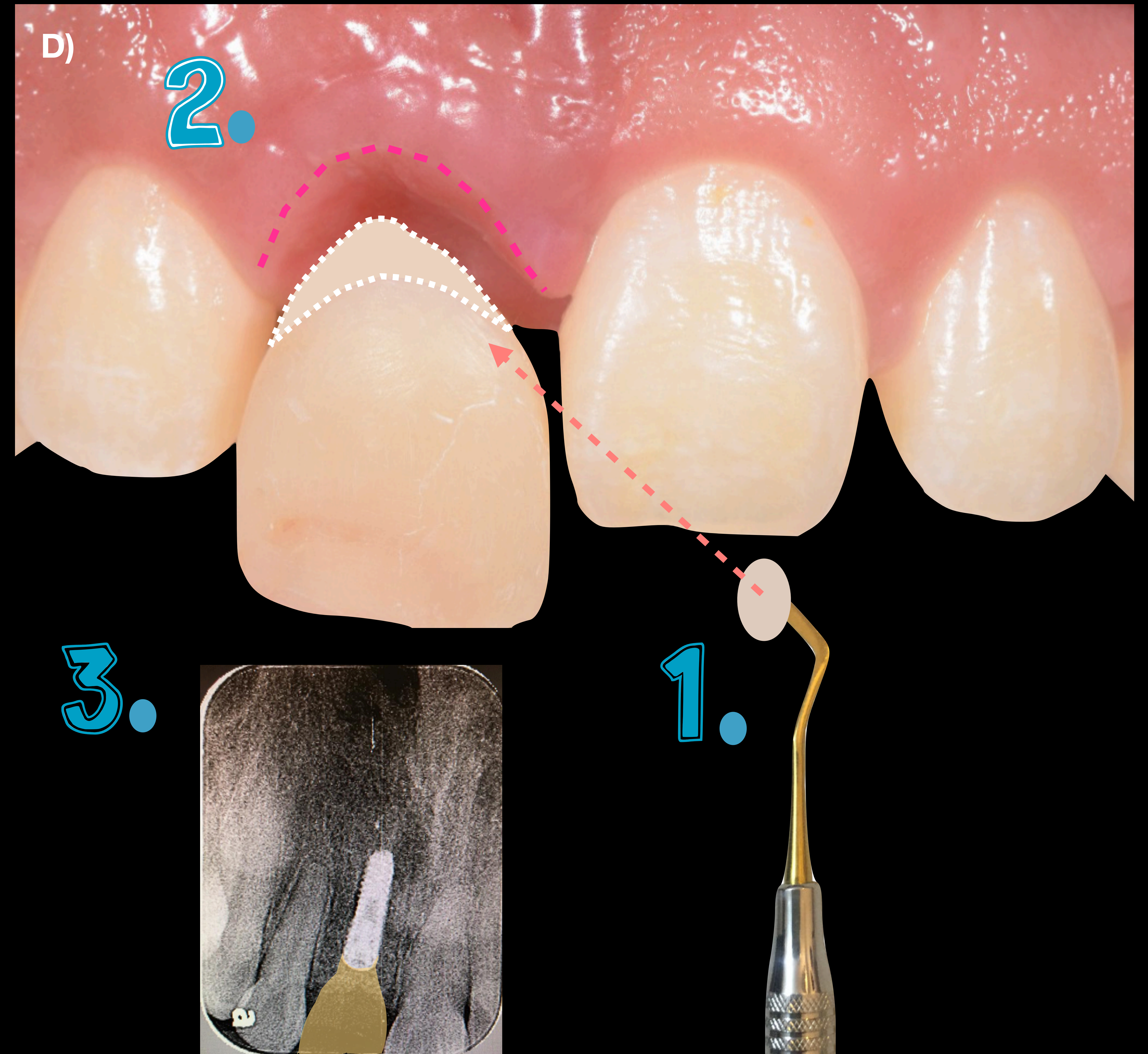
To propose a non- invasive alternative for uncovering implants by conformation of soft tissues using an ovoid pontic.

A) Clinical condition after implant placement; B) Sub-crestal implant placement radiography; C) 2 weeks post surgical situation.



Materials and methods

A protocol was planned for uncovering an anterior implant in a 26-year-old patient with thick gingival phenotype through the implementation of the soft tissue conformation technique based on the use of an ovoid pontic made by resin increments gradually towards the implant platform.



D) Planification of a non-invasive technique for peri-implant mucosa conformation by using resin composite increments gradually

Results

The traditional protocol for implants uncover is usually done through many surgical interventions which could cause irreversible changes in the peri-implant tissues. The main requirement is to carry out a careful management of soft tissues, therefore it is of utmost importance while the implant platform exposition for connect it to a restoration be as less traumatic as possible.

The present case report, could not be conclude because of covid-19 pandemic situation. However the conformation of the ovoid pontic was began through gradual resin increments on the provisional. The contact with the closure screw wasn't achieved and neither replaced by a definitive restoration as expected. Despite the aforementioned, clearly this technique is an alternative of the use of a trans-mucosal abutment for those implant systems that do not have one avoiding continuous connections and disconnections with the implant platform, reducing marginal bone loss and carefully contouring the critical and subcritical profile.



E) Lateral view of right maxillary central incisor's peri-implant mucosa conformation by using resin composite increments gradually.

F) Front view

Conclusion

This technique could minimize the number of surgical procedures performed during implant's second stage surgery improving the conformation of the peri-implant tissues and promoting an adequate emergence profile whose final result depends on all the procedures carried out since the insertion of the implant until the placement of the definitive restoration. In addition, this technique should be use for patients with thick gingival phenotype, requires many meticulousness and patience.



G) 2 weeks postsurgical situation; H) Situation during conformation of peri-implant mucosa by resin composite increments ; I) Last radiography of distance between provisional and implant platform ; J) Smile photography of actual situation.