



osseo2024.1ab04bd

Oral Rehabilitation With Dental Implants Using Frictional Abutment: A Clinical Case Report

Oka Al Houch, Alia; Al Houch, Wail; Borella, Paulo S.; Mendonca, Gustavo; Mendoca, Daniela; Silveira Rodrigues Ferracioli, Renata C.

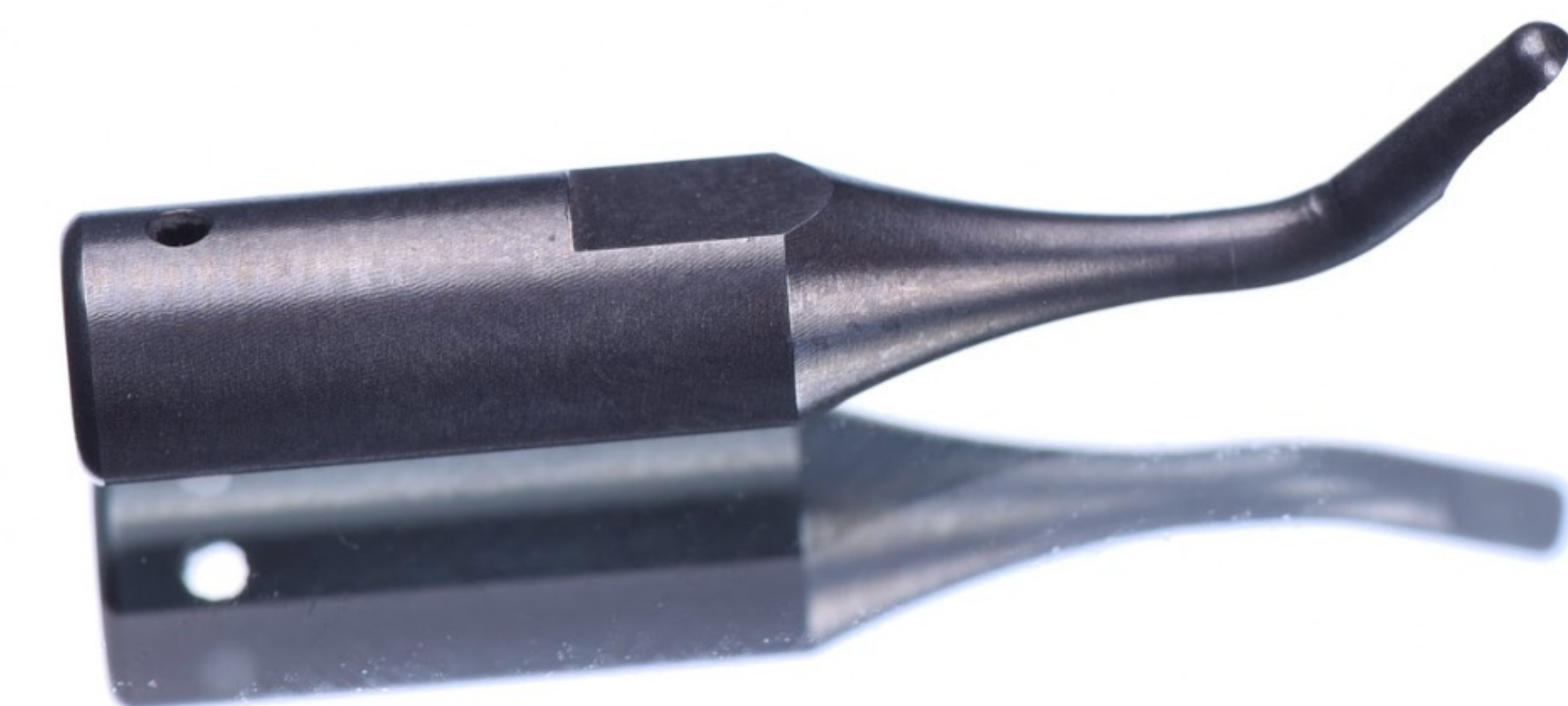


INTRODUCTION

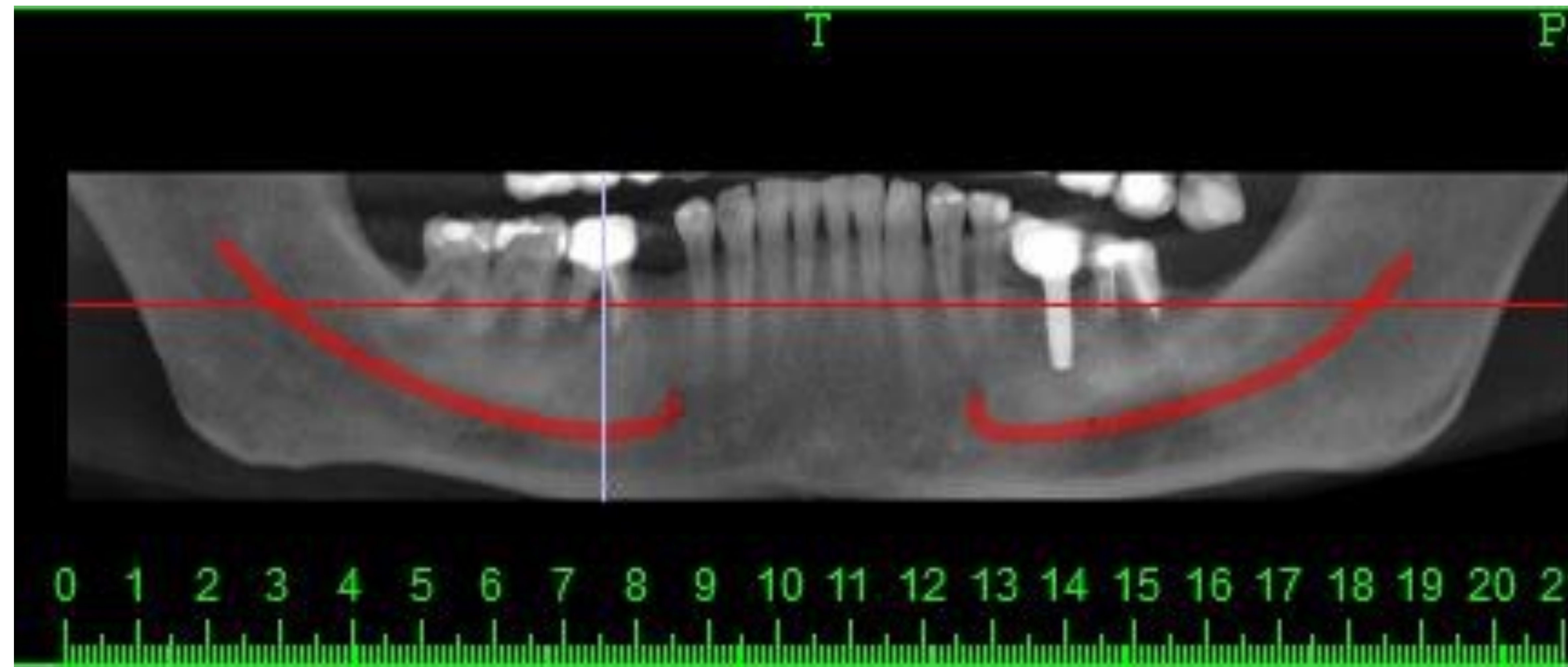
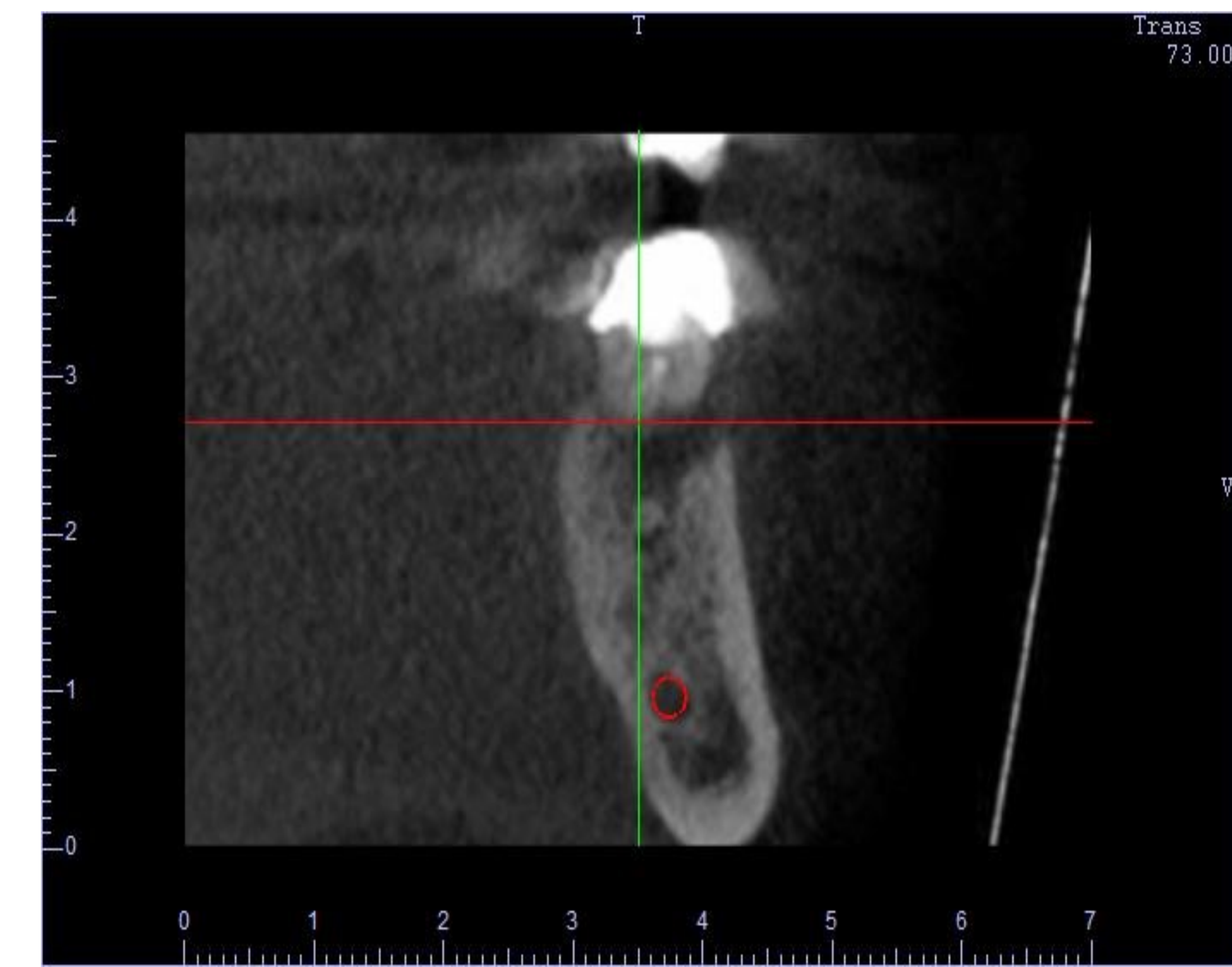
- The use of prostheses on implants has been the treatment of choice for various cases of oral rehabilitation in cases of tooth loss, due to the predictability and longevity associated with osseointegration.
- Prosthetic crowns are fixed to implants through cementation or screws, both of which are widely used techniques but have disadvantages that interfere with the prognosis of the rehabilitation treatment.

POURPOSE

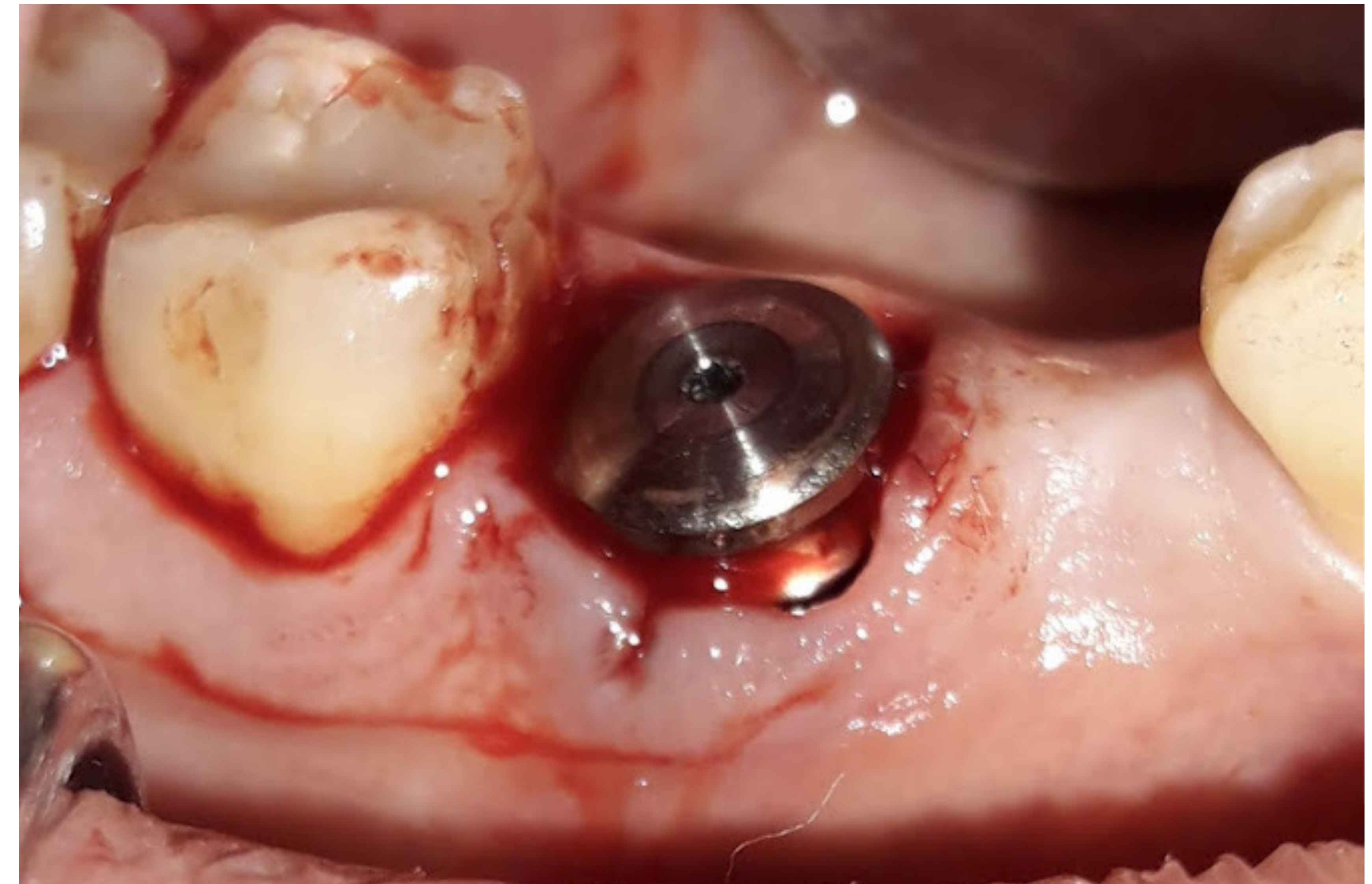
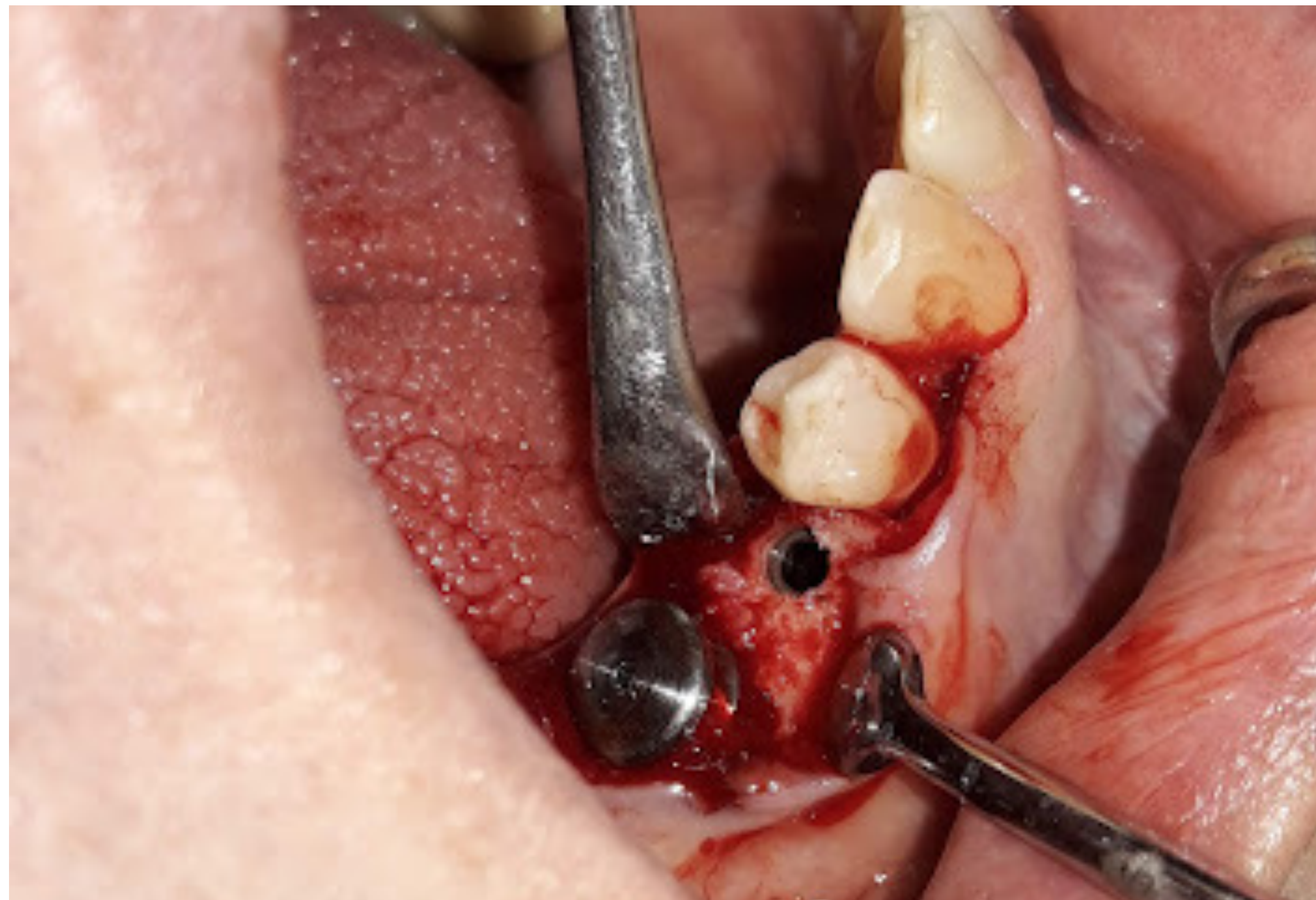
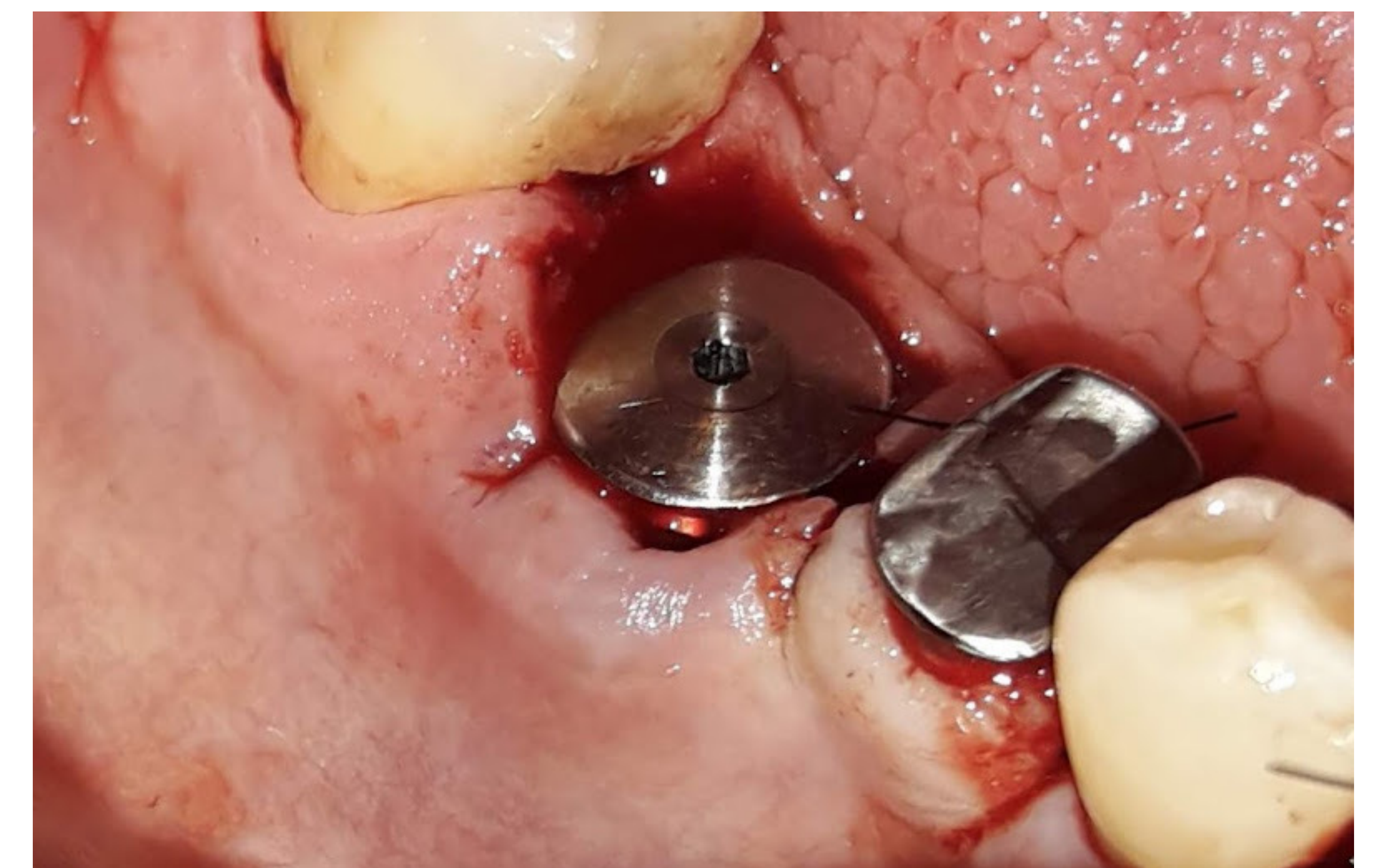
- Therefore, this study aims to report a clinical case using the frictional system to fix the single crown on the implant, without the use of screws or cement.



CASE REPORT



Patient T.M, male, 43 years old, presented with a missing tooth in the #29 region and an unsatisfactory crown on tooth #30, which had periapical infection, compromising the tooth.



Extraction of tooth #30 and immediate placement of implants in the #29 and #30 regions and healing abutments were performed



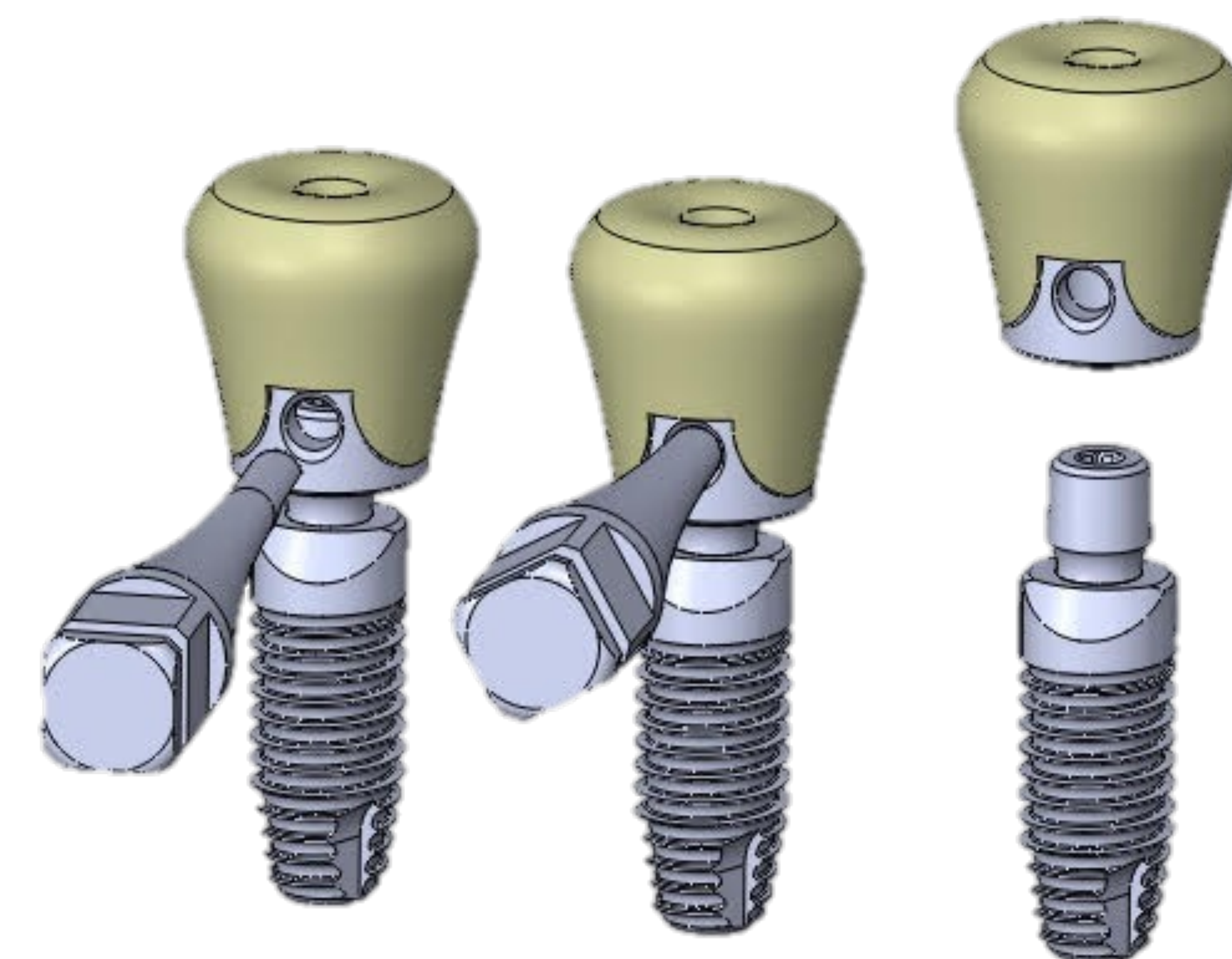
1 DAY



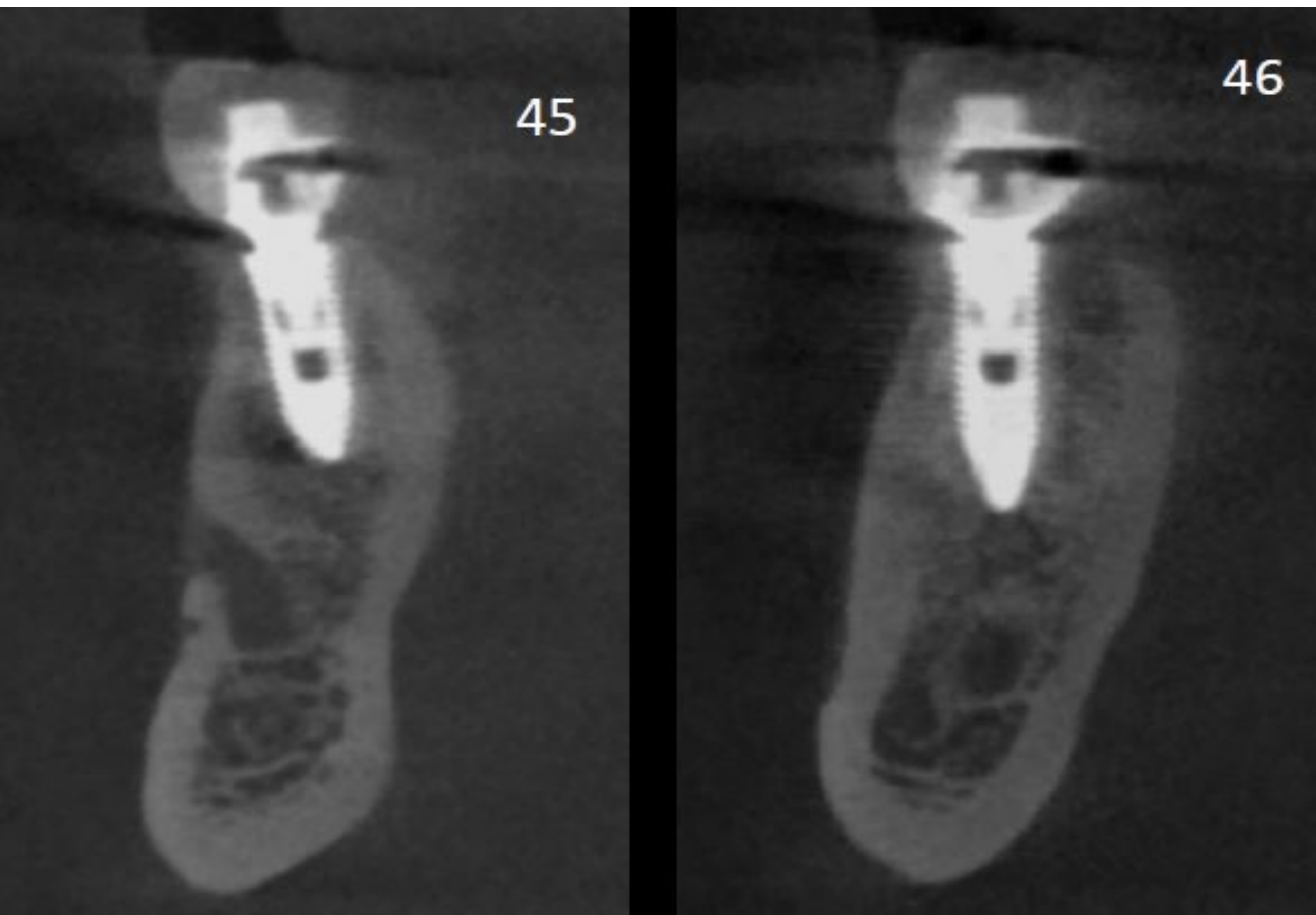
7 DAYS



6 MONTHS



After 6 months, the bone structure was in a condition to receive the definitive prostheses, which were made using frictional abutments and E-max porcelain crowns



RESULTS

After 15 months of treatment, there was no loosening of the prostheses, no gingival inflammation, and the implants were osseointegrated, indicating the success of the treatment. Additionally, the patient was satisfied aesthetically and functionally with the result.

CONCLUSION

Based on this case, we can conclude that the technique using the frictional system promotes satisfactory aesthetic results and favors good healing and prognosis.