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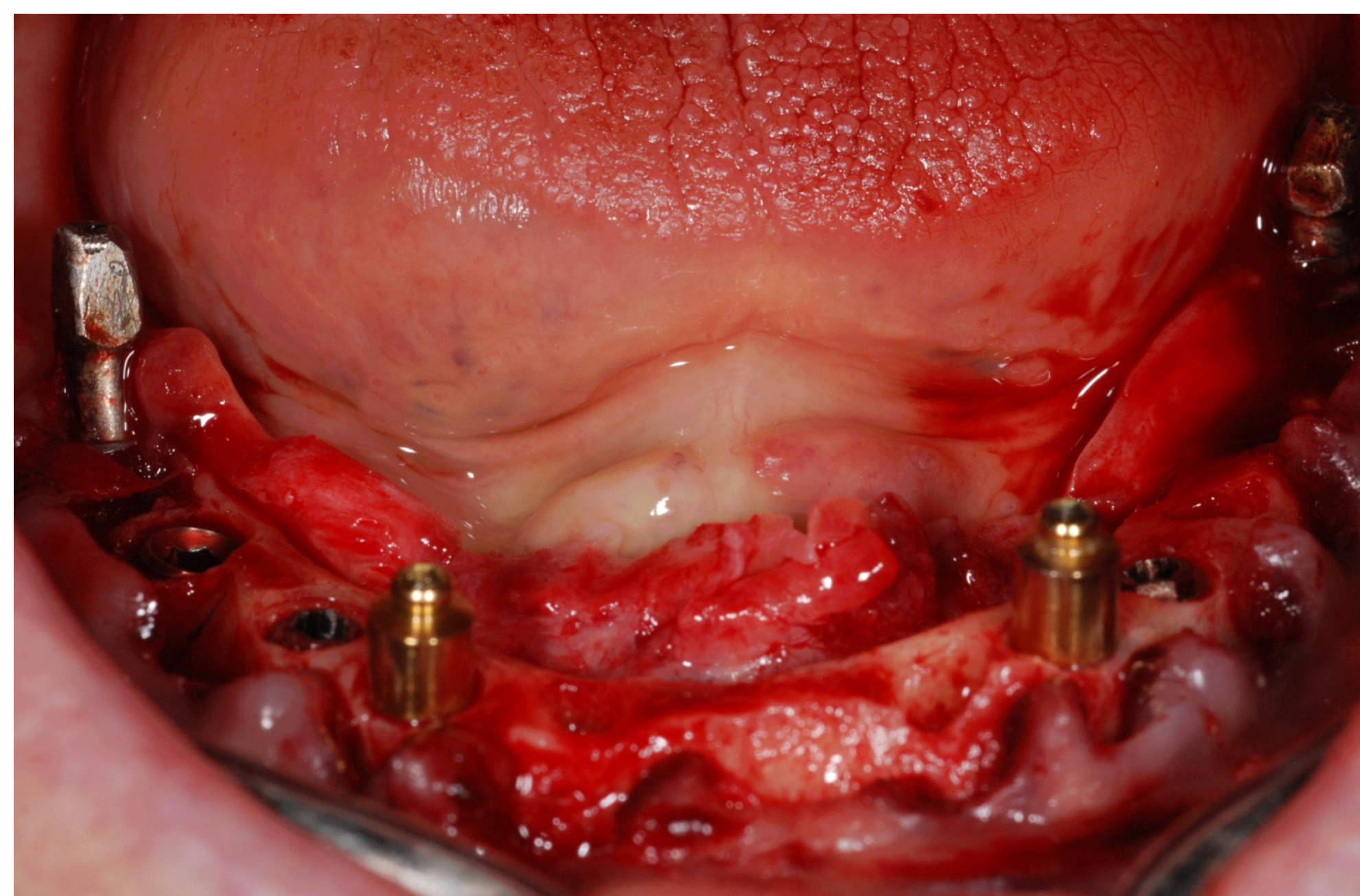
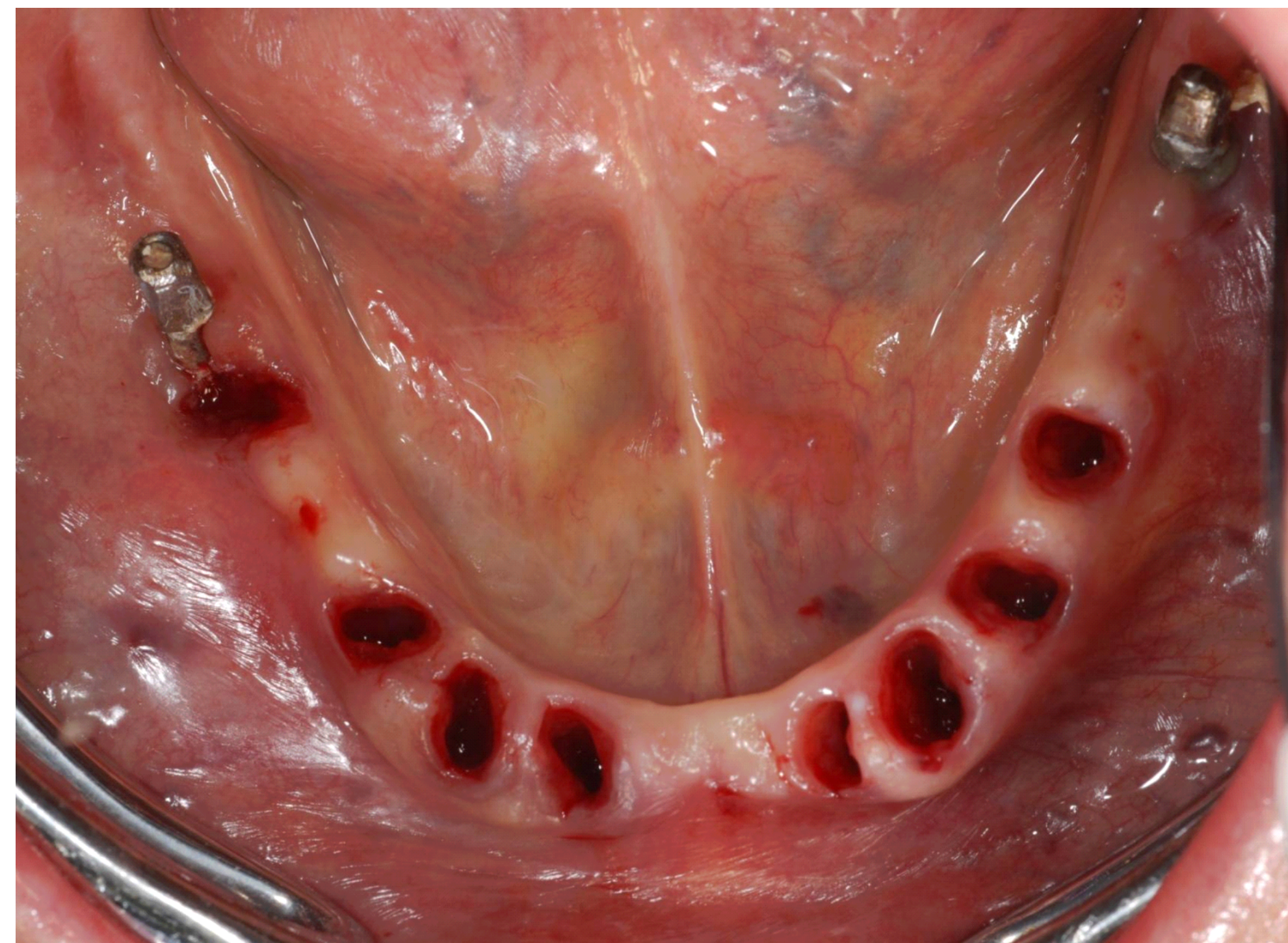
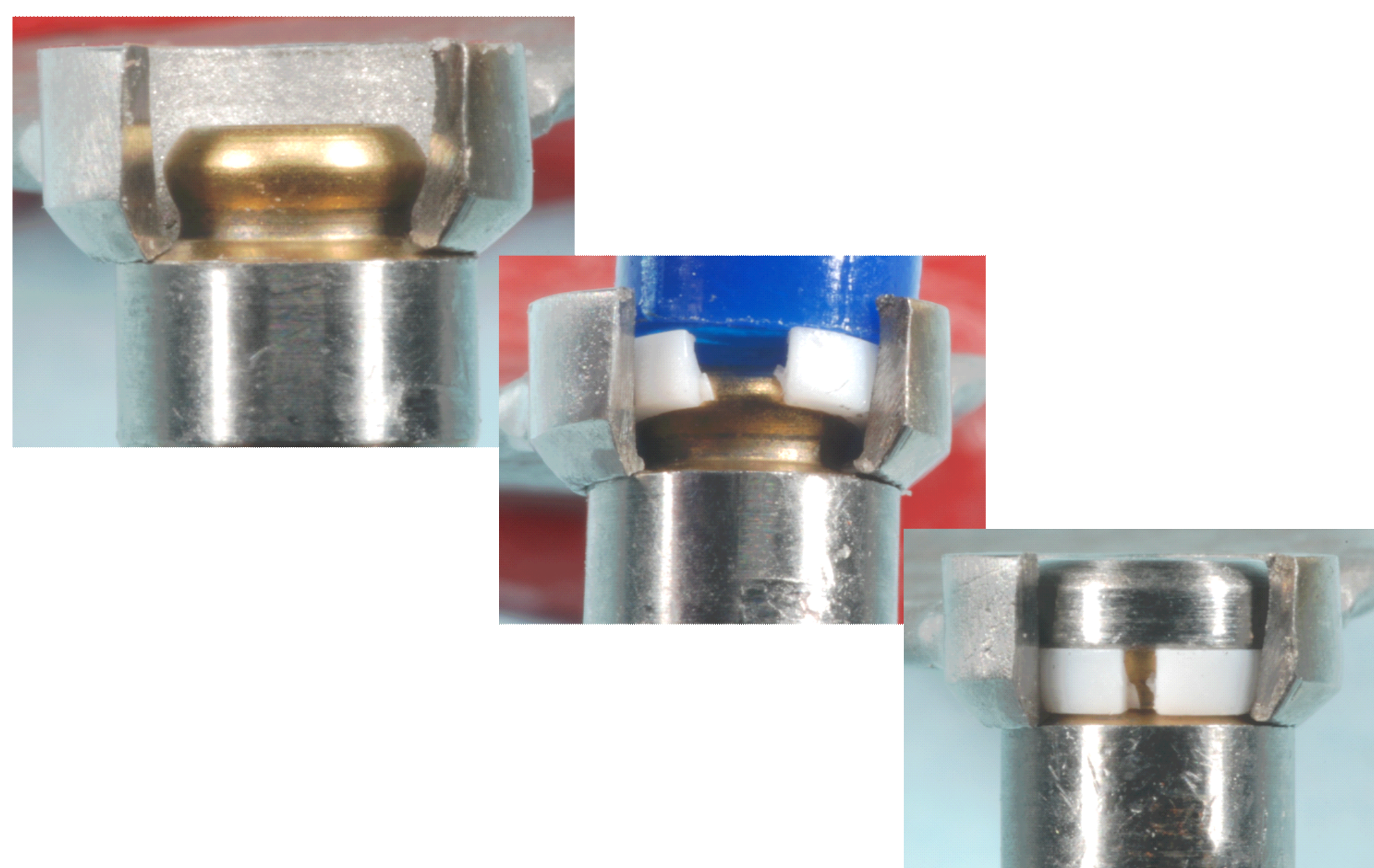
Prospective clinical evaluation of Fixed Implant Rehabilitations using Rhein83 Equator Profile Attachments

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Rhein83 Equator Profile Attachment



Objectives: The purpose of this prospective clinical study was the evaluation of reliability of implant supported full-arch rehabilitations with the innovative Rhein83 Equator Profile Attachment. The evaluation regard: patient's satisfaction, number of technical passages, prosthetic complications, survival rates.

Methods: 10 patients (3 males, 7 females, mean age 68 ± 10 years) with implant rehabilitations retained by innovative Rhein83 Equator Profile Attachment participated in this clinical study. From 5 to 7 implants were placed in edentulous arch. Provisional rehabilitations are loaded immediately. Definitive Prosthetic rehabilitation was realized 6 weeks after implantation. Patients' satisfaction was evaluated with a questionnaire with a VAS from 1 to 5. Survival rates and prosthetic maintenance procedures or complications were also recorded during the follow-up period.

Results: Patient satisfaction was 4.42 ± 0.40 . The number of technical passages and time of realization resulted significantly reduced compared to conventional procedures. During a mean observation time of 12 ± 2 months no implant was lost and no periimplantitis occurred (100% survival rate).
Maintenance: No prosthetic complication occurred.

Conclusion: Within the limitations of this study, it can be concluded that the number of technical passages and time of realization significantly reduced plays a significant role on overall patient satisfaction with implant fixed rehabilitation. This new type of attachment appears to be promising.

