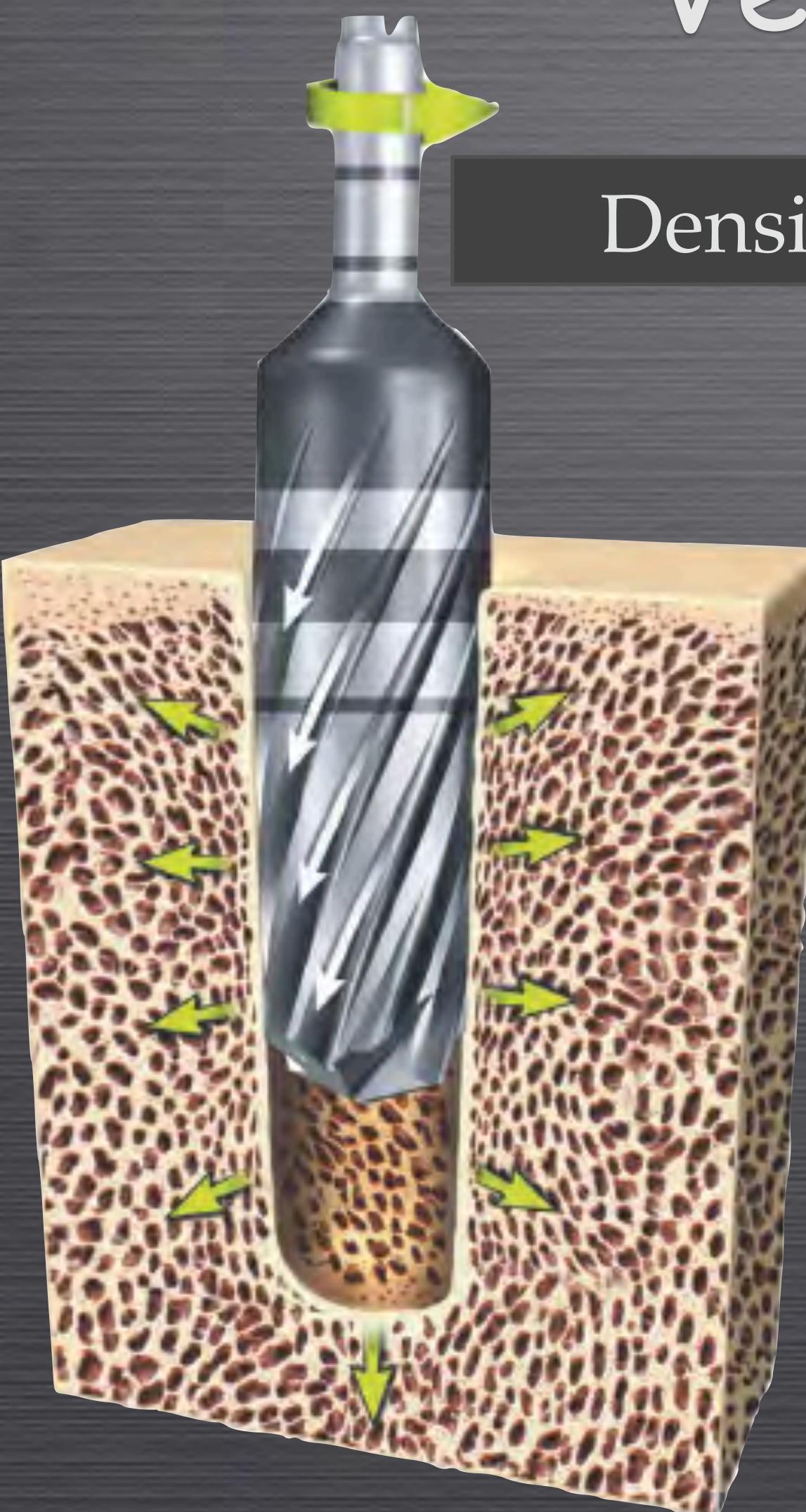




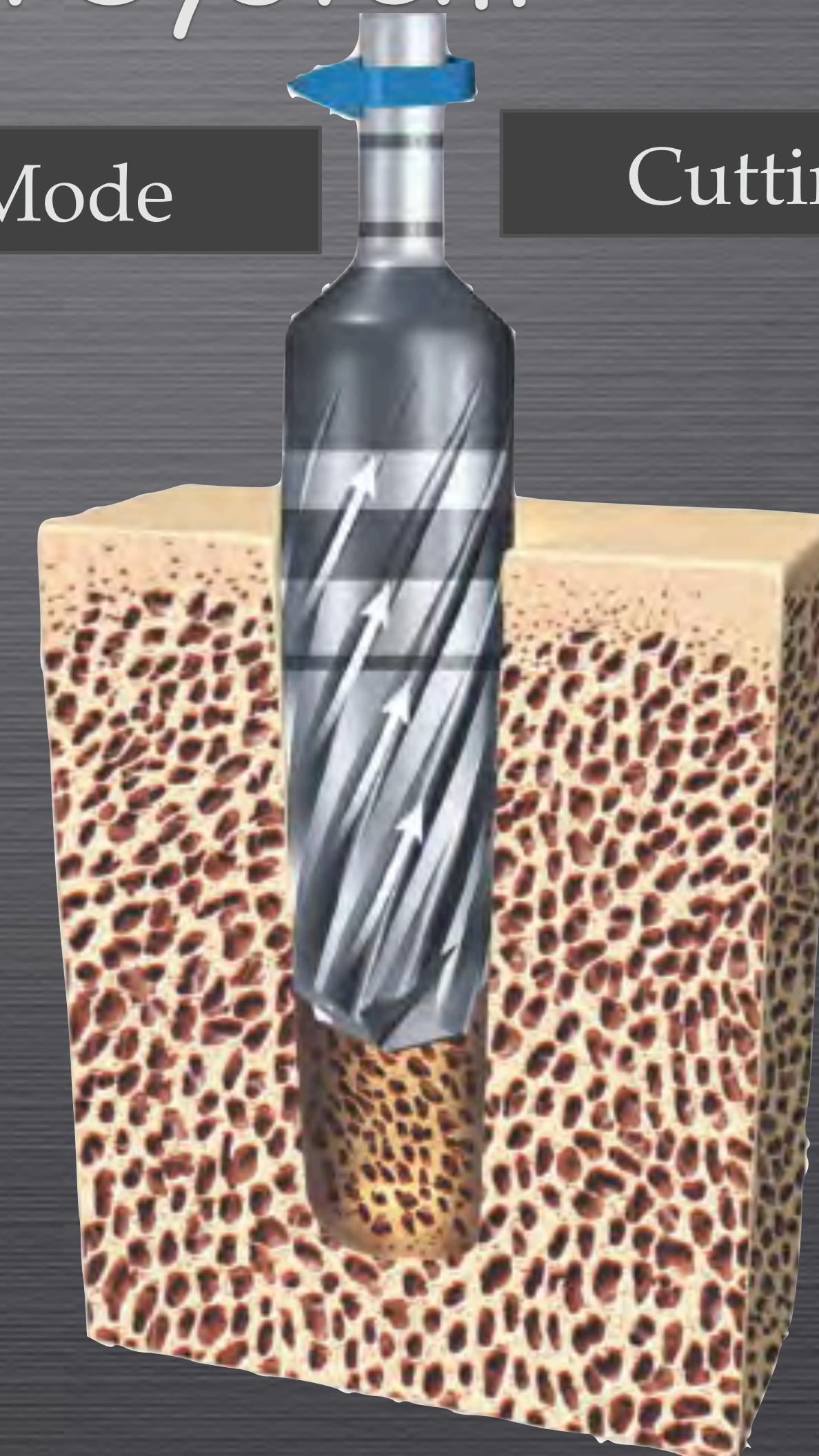
Osseodensification

Versah System

Densifying Mode



Cutting Mode





Evidence Base (OSFE)

PURPOSE:

To evaluate the effectiveness and predictability of a novel biomechanical, minimally invasive bone instrumentation technique that enhances bone density through compaction grafting, called osseous densification, and allows for transcrestal sinus membrane elevation and augmentation with simultaneous implant placement.

RESULTS:

In total, 222 patients with 261 implants were included in the final clinical analysis. The included follow-up period ranged from 6 to 64 months with a mean of 35 months. The subsinus residual bone height at baseline was 5.4 mm (SD: 1.9). Following the sinus augmentation, a significant vertical increase of 7 mm (SD: 2.49) was observed. No sinus membrane perforations and no late implant failures were observed from 6 up to 64 months follow-up, yielding a cumulative implant survival rate of 97%.

CONCLUSION:

This osseous densification technique for maxillary implant site preparation with transcrestal sinus augmentation and simultaneous implant placement led to favorable clinical outcomes with up to 64 months of follow-up.

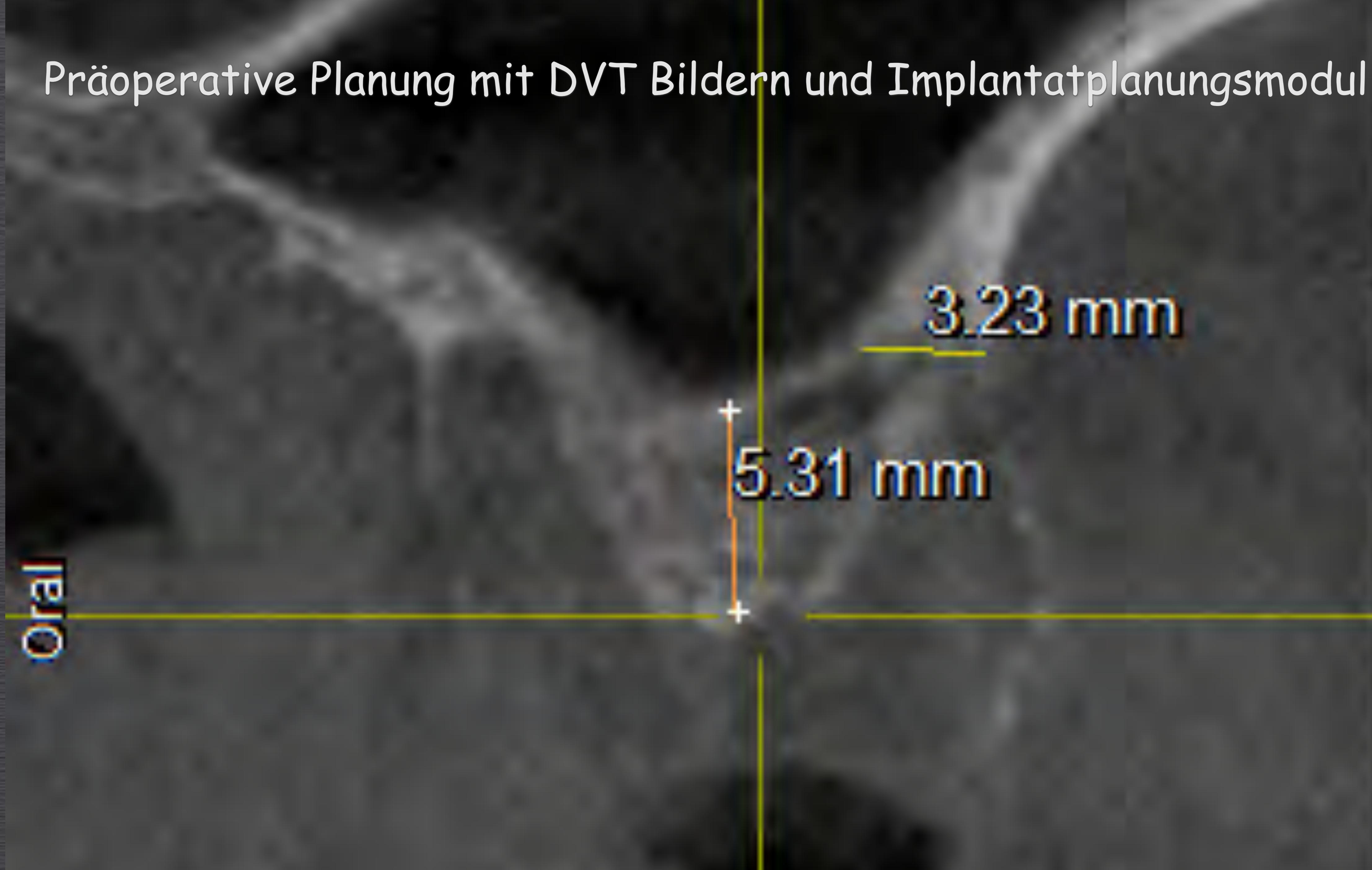
Int J Oral Maxillofac Implants. 2018 Nov/Dec;33(6):1305-1311..

A Multicenter Retrospective Clinical Study with Up-to-5-Year Follow-up Utilizing a Method that Enhances Bone Density and Allows for Transcrestal Sinus Augmentation Through Compaction Grafting.

Huwais S, Mazor Z, Ioannou AL, Gluckman H, Neiva R.

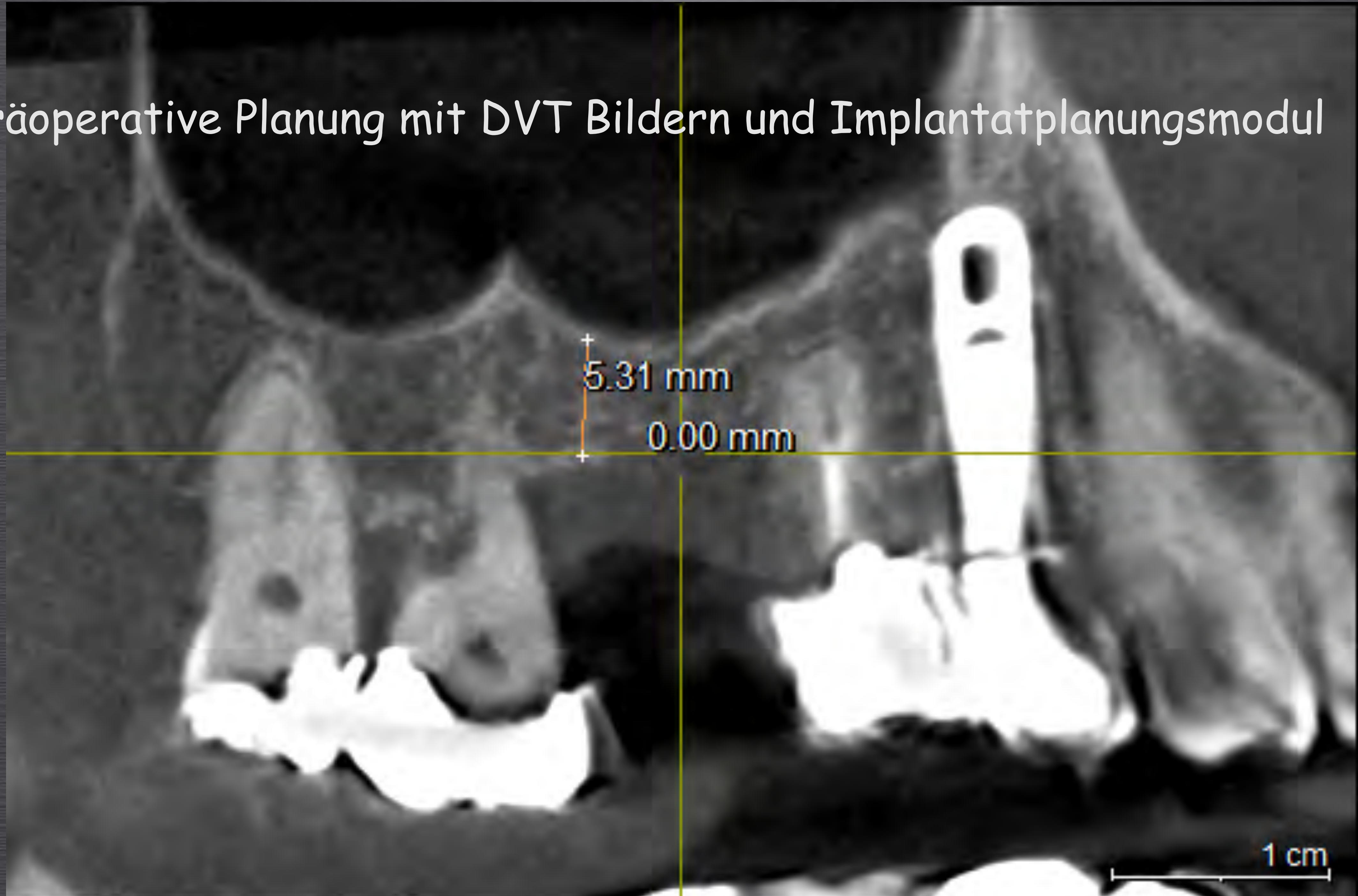


Präoperative Planung mit DVT Bildern und Implantatplanungsmodul





Präoperative Planung mit DVT Bildern und Implantatplanungsmodul



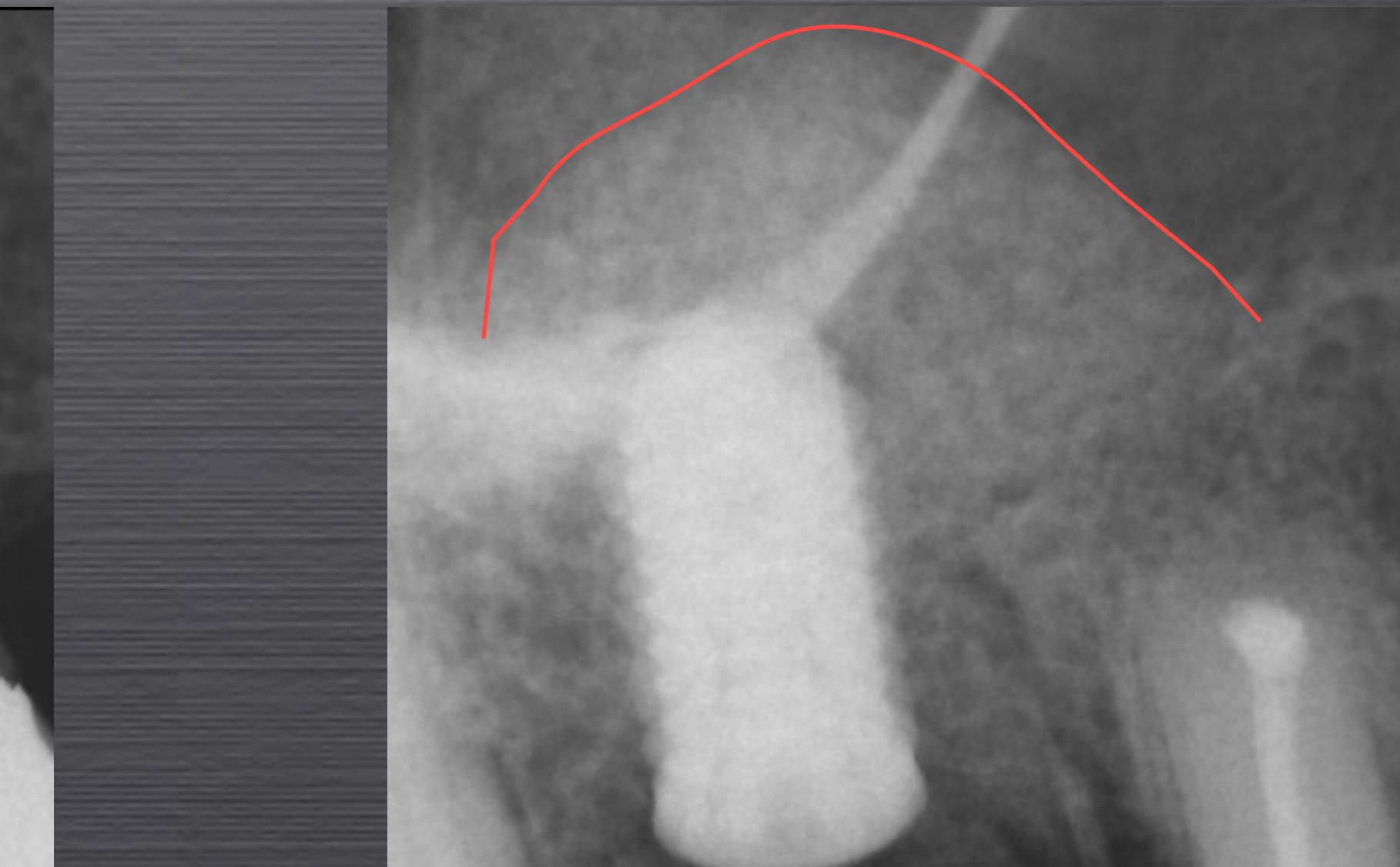
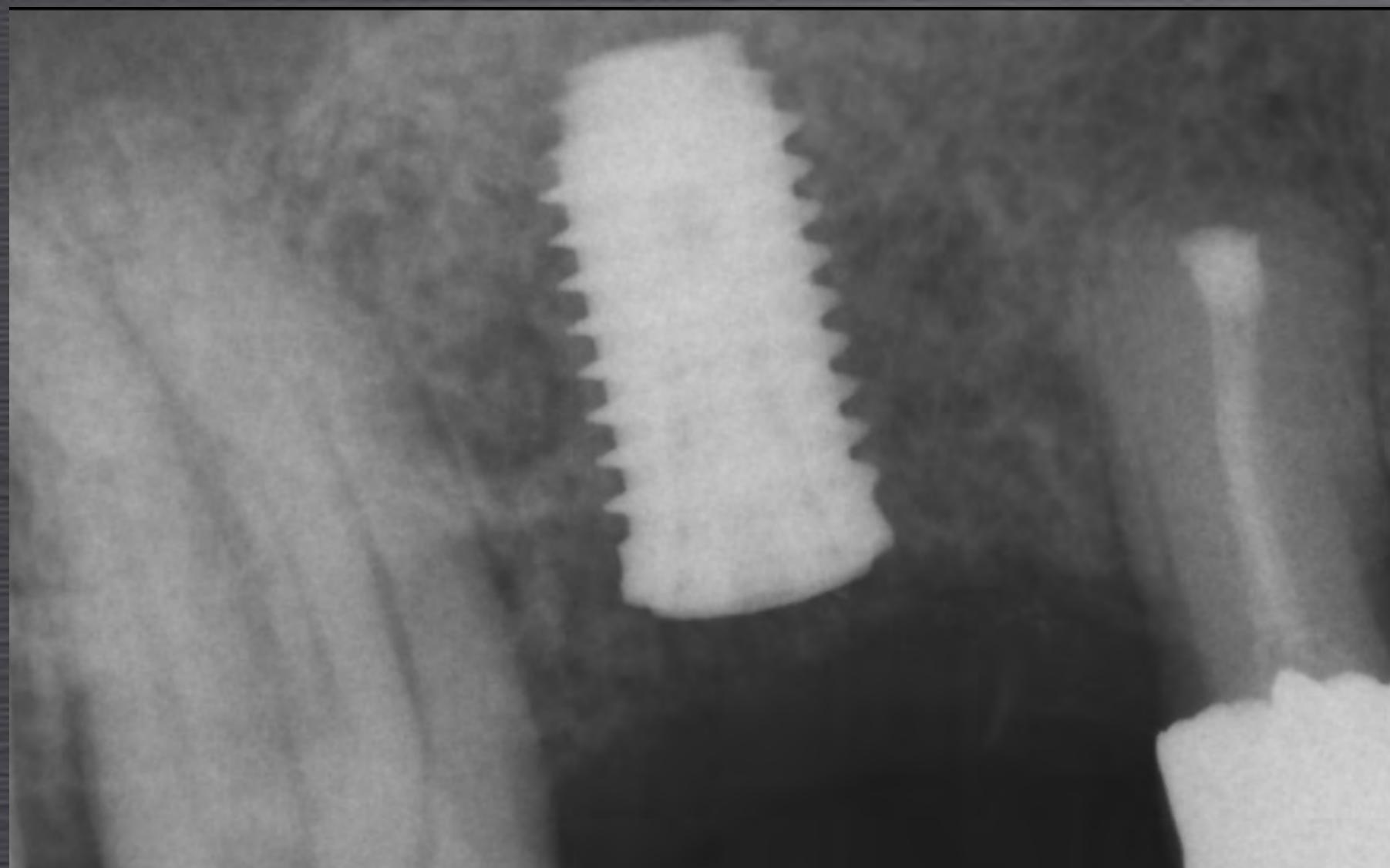
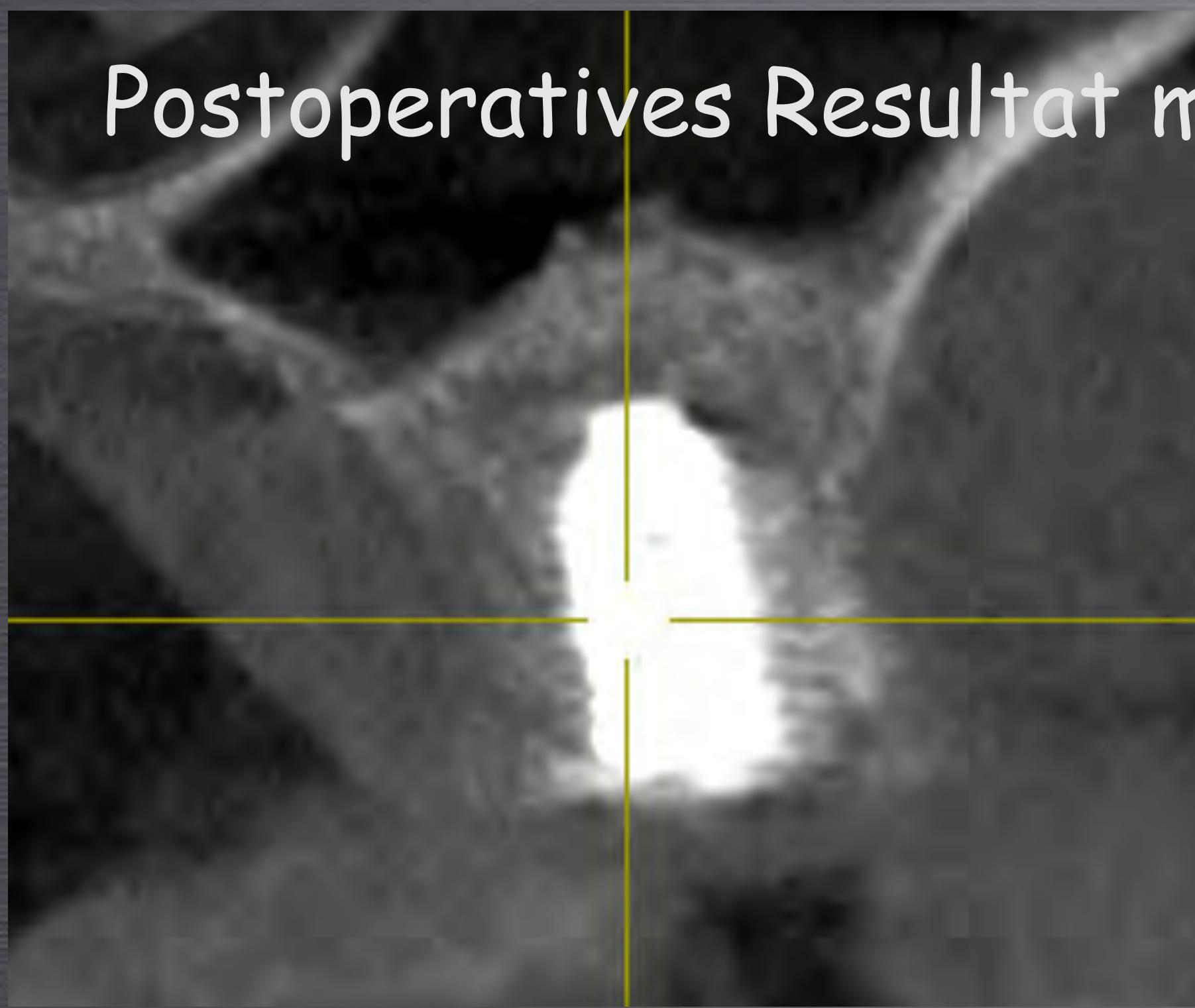


Präoperative Planung mit DVT Bildern und Implantatplanungsmodul

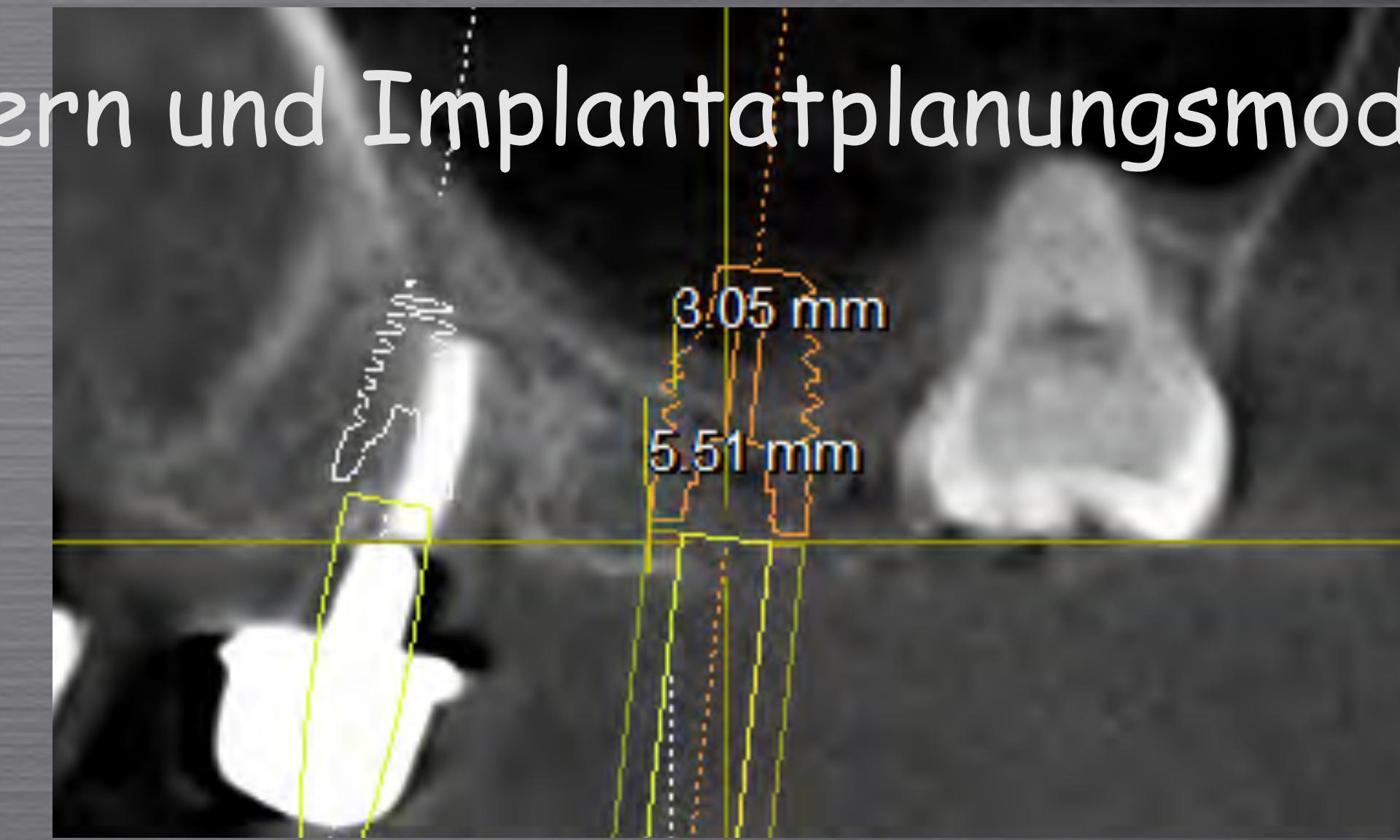
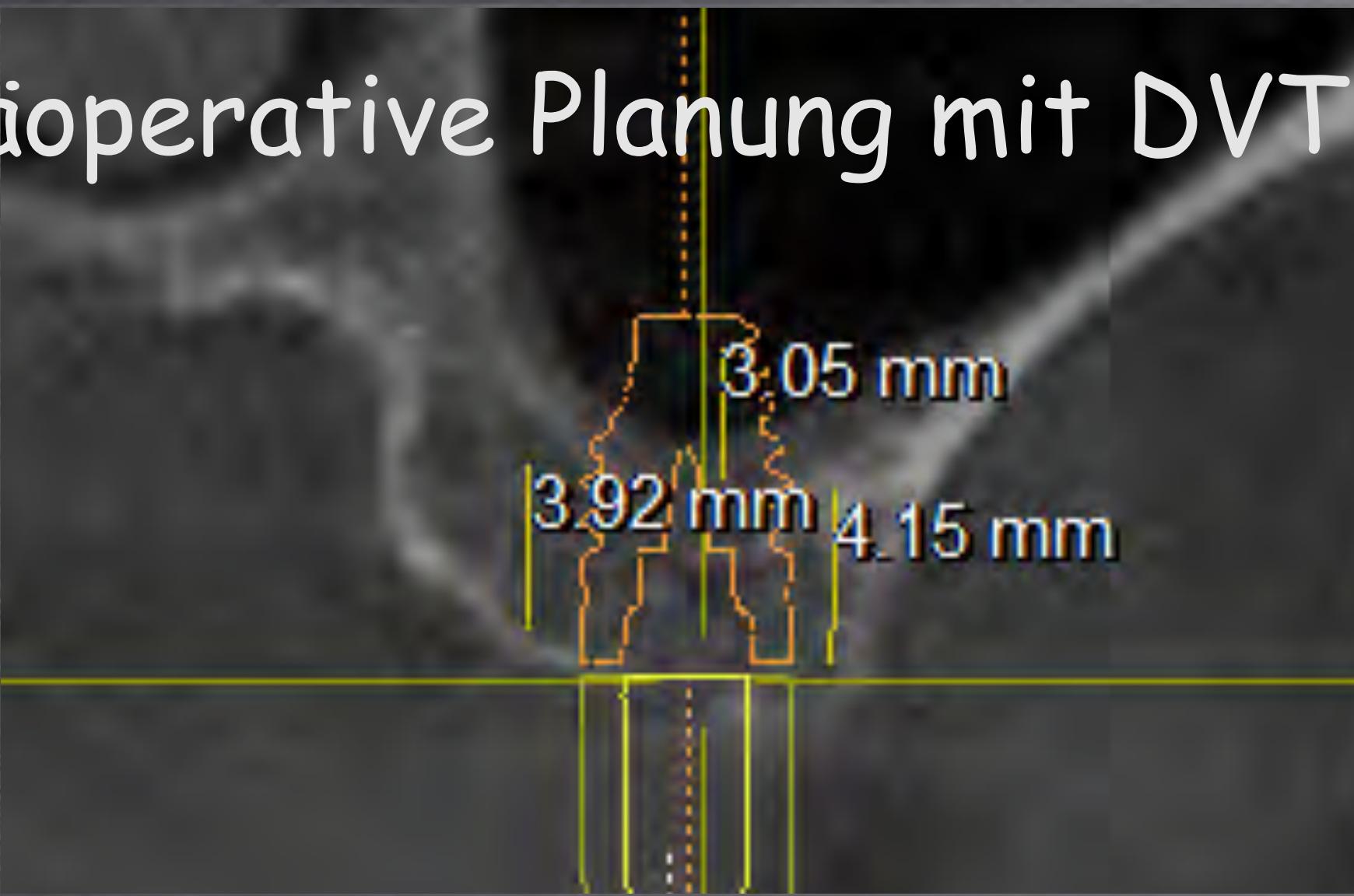
3.23 mm



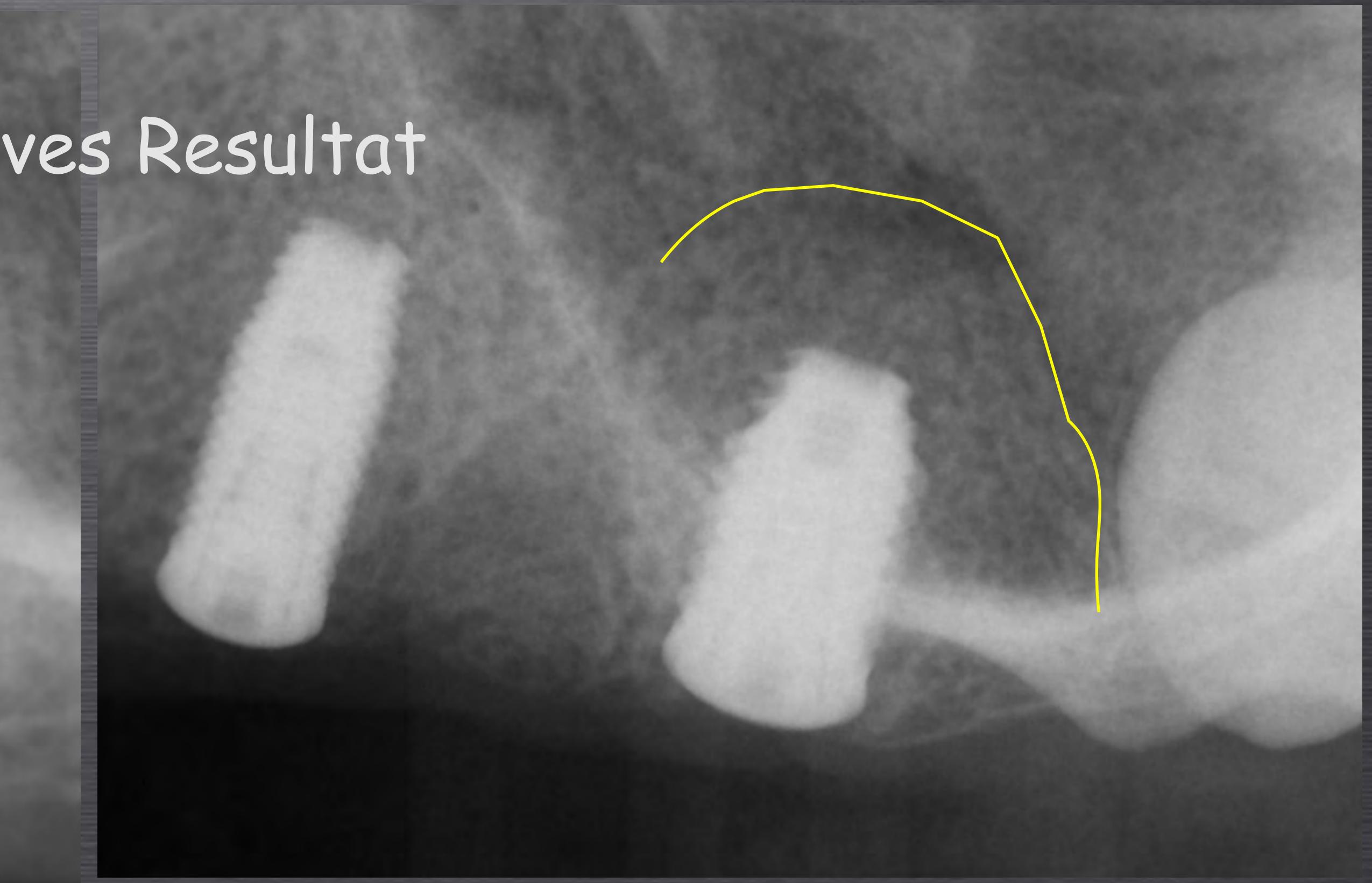
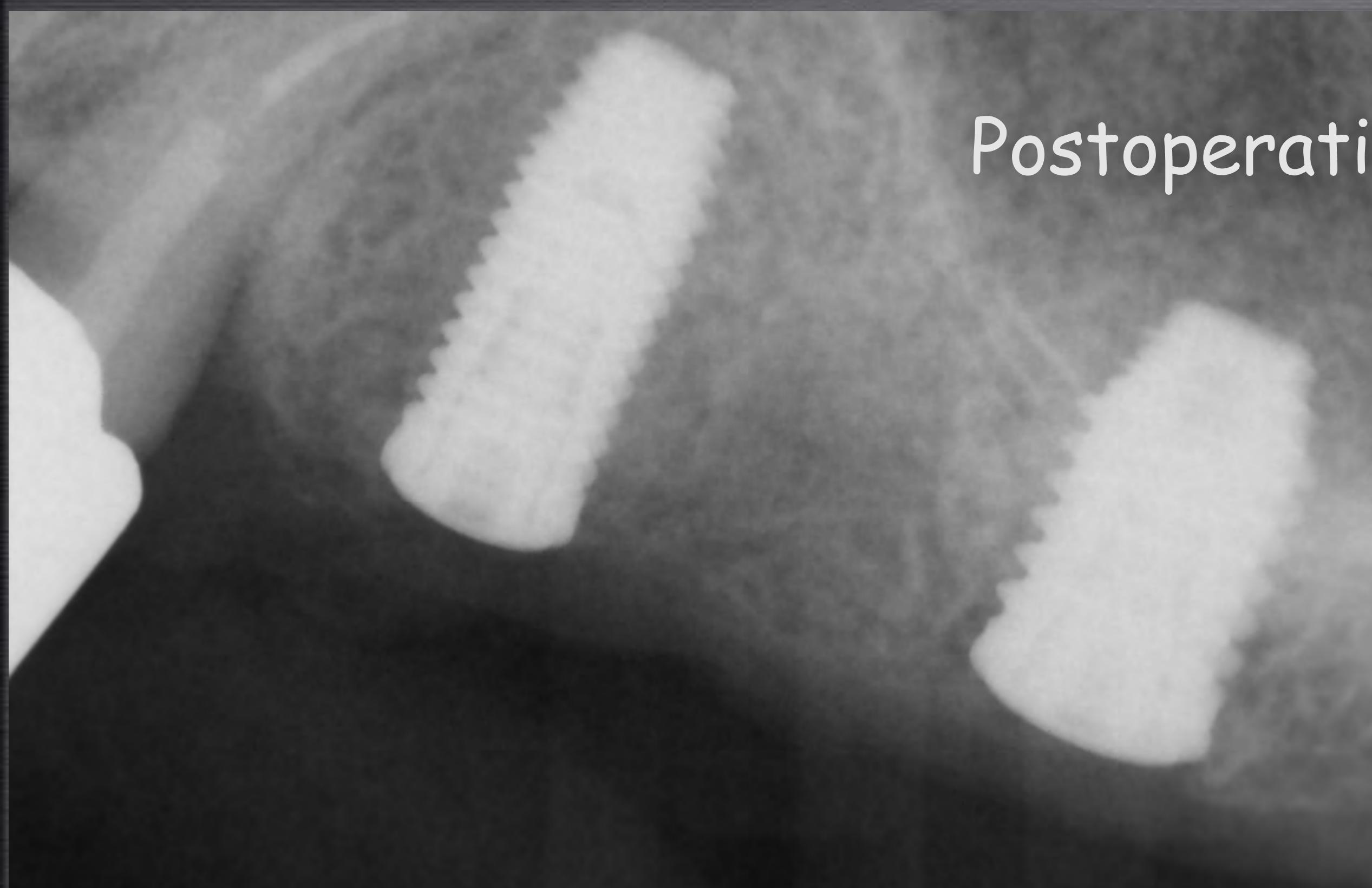
Postoperatives Resultat mit DVT und Einzelbildröntgen



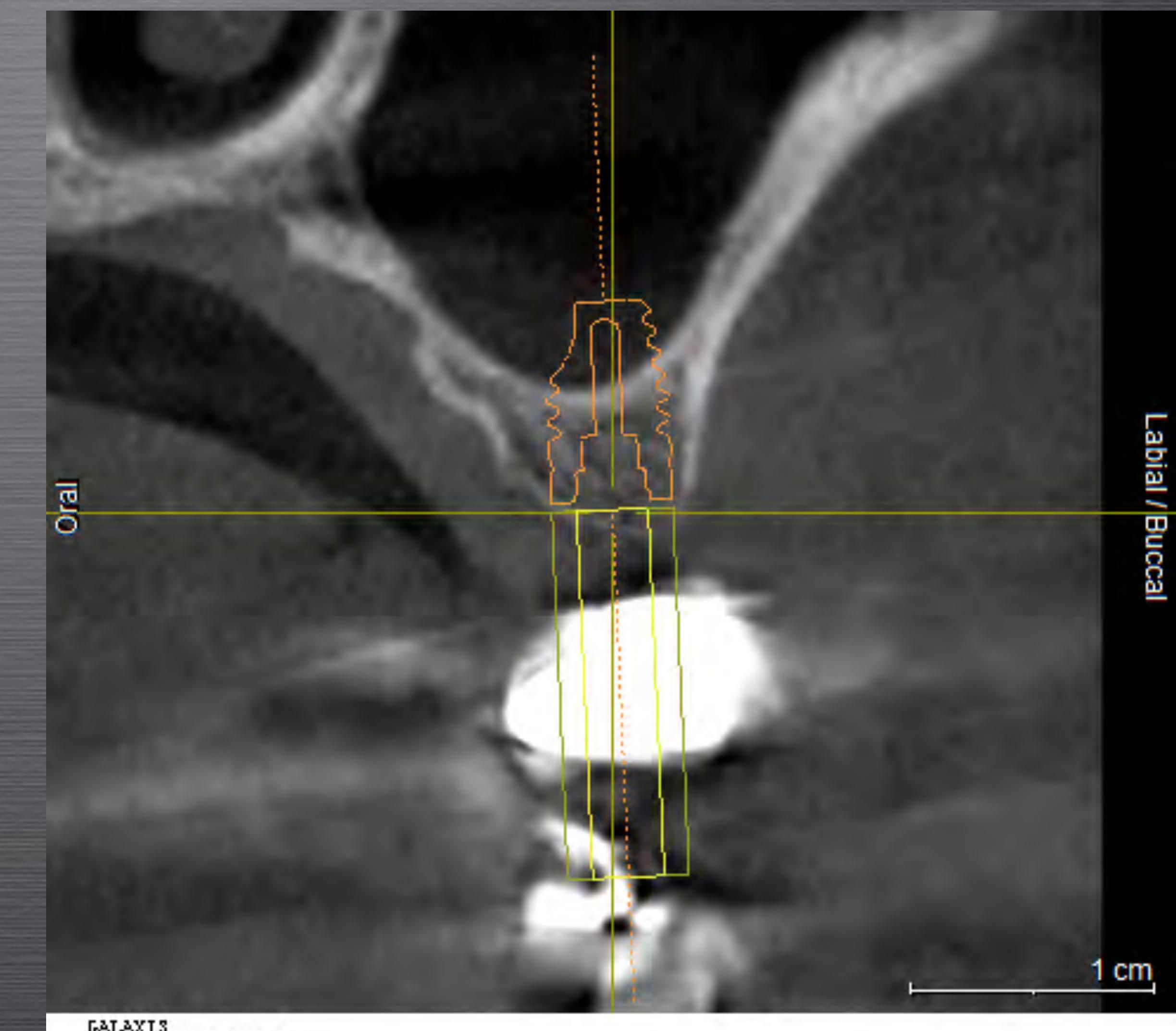
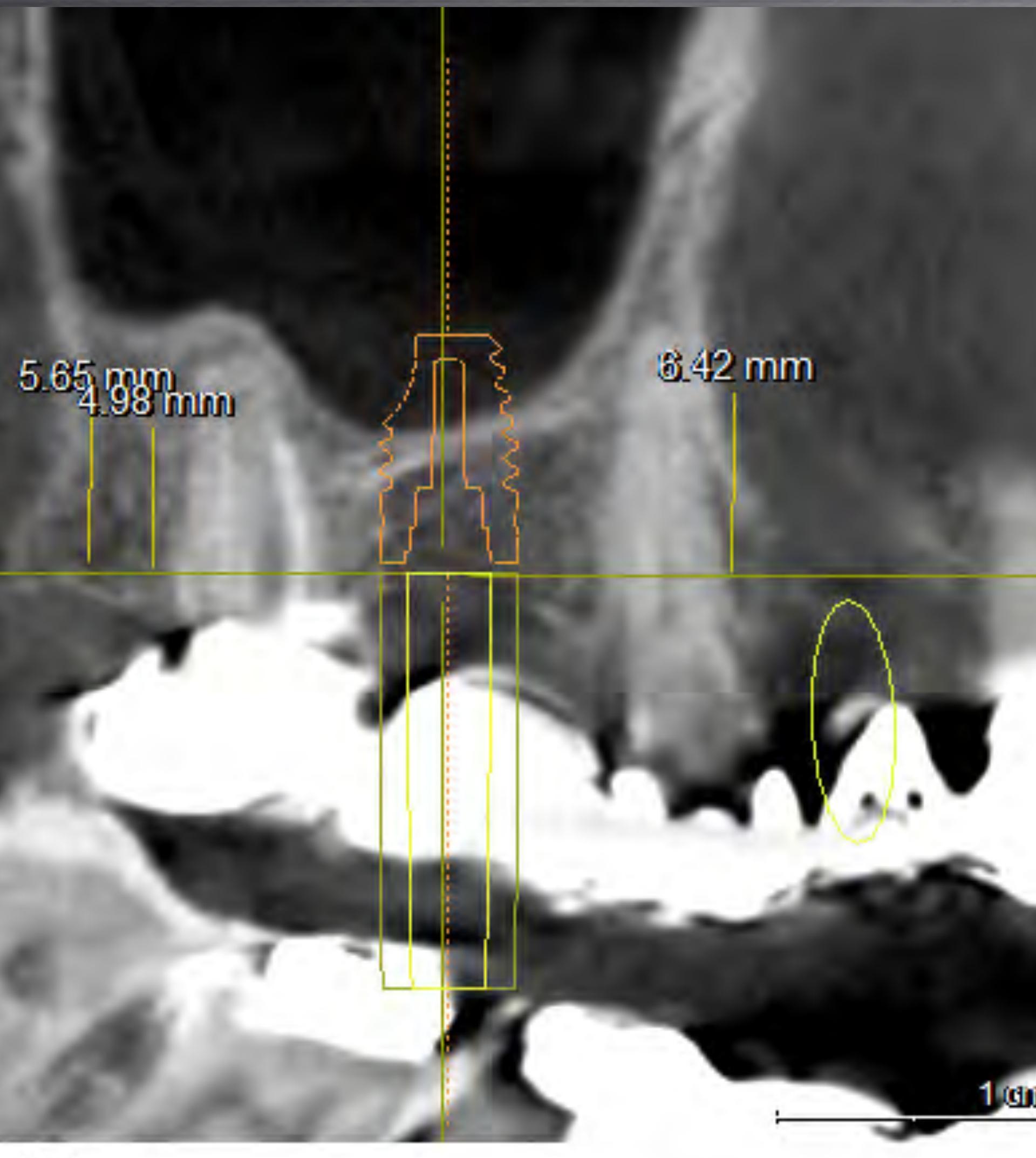
Präoperative Planung mit DVT Bildern und Implantatplanungsmodul

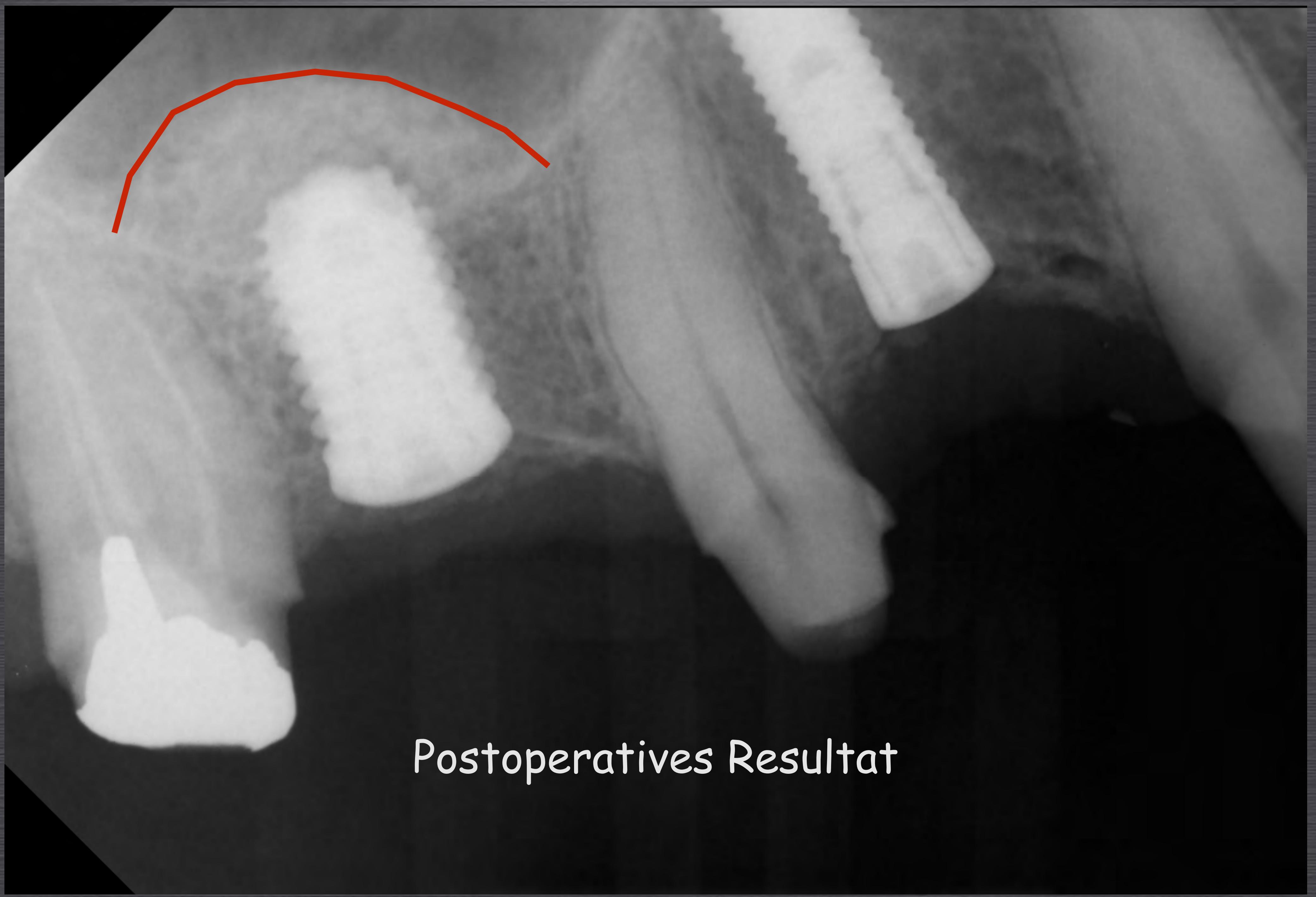


Postoperatives Resultat



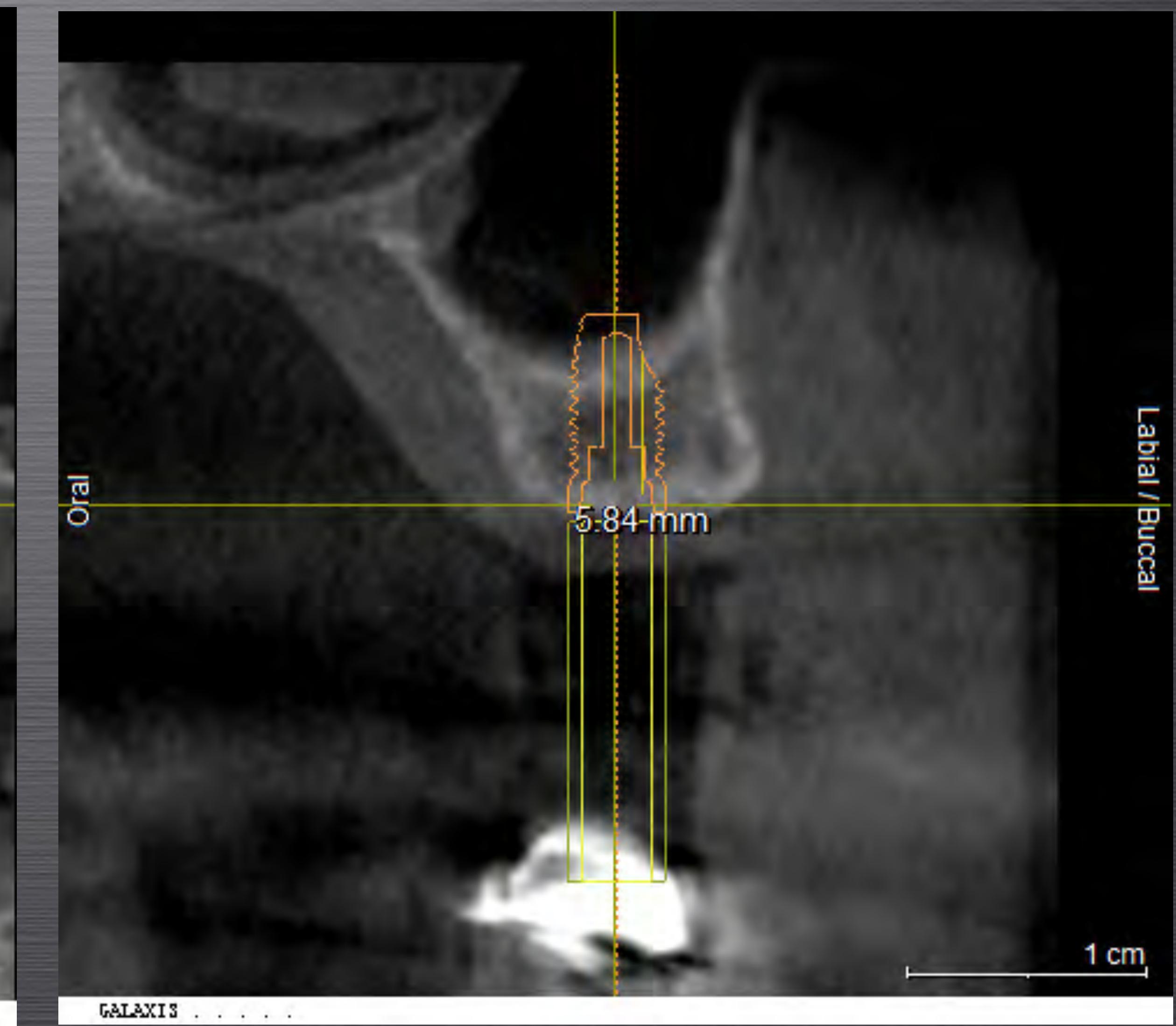
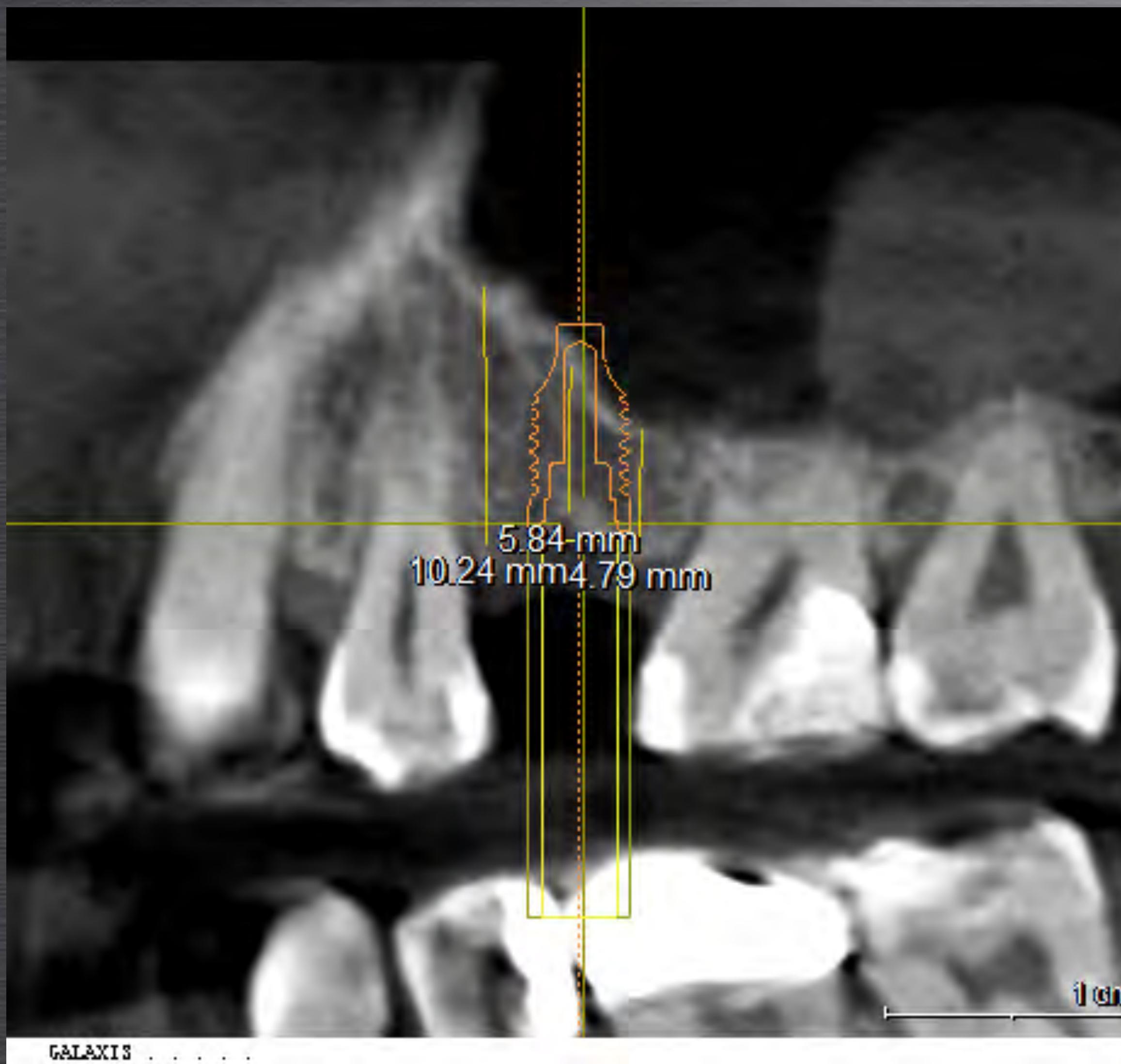
Präoperative Planung mit DVT Bildern und Implantatplanungsmodul





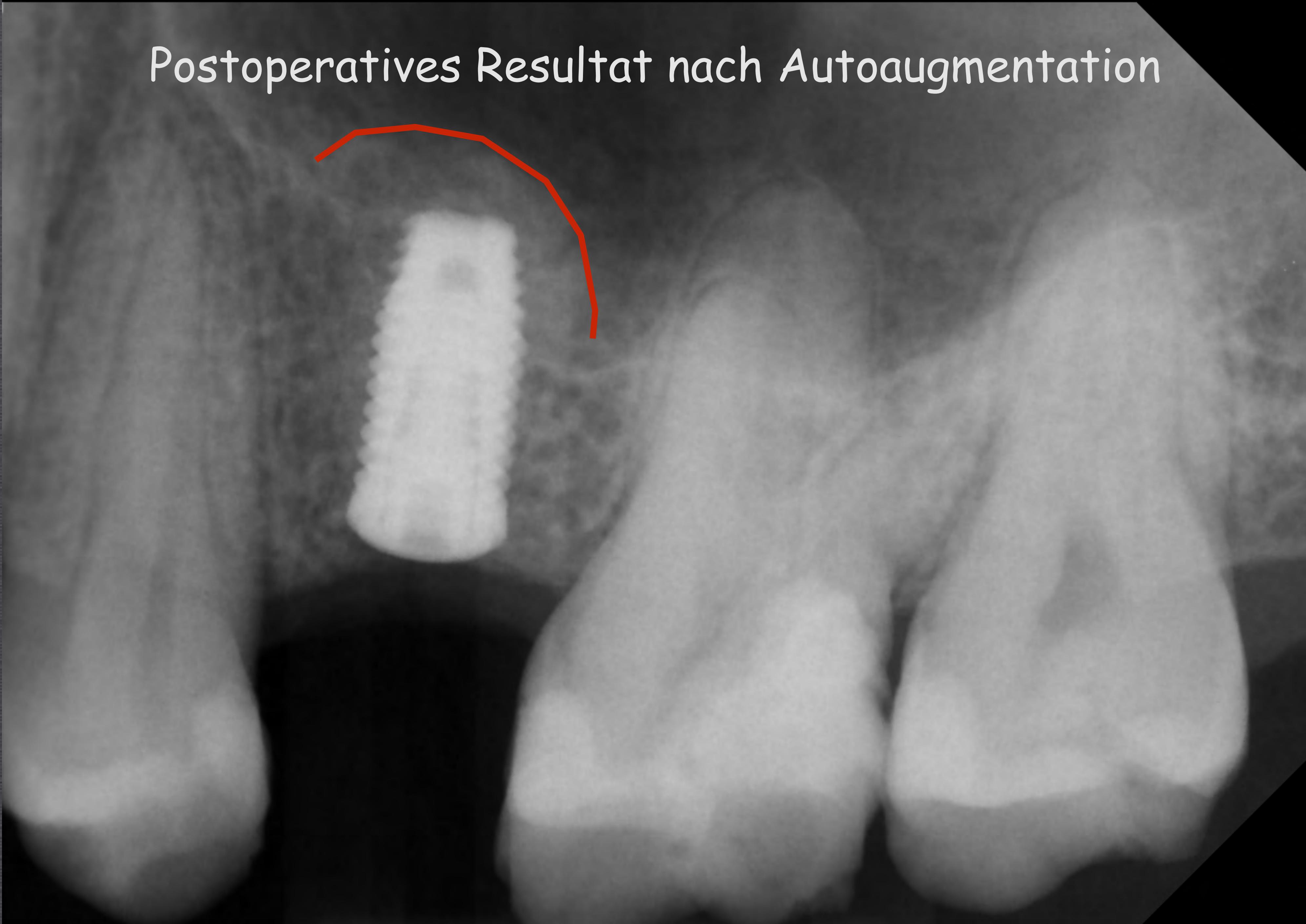
Postoperatives Resultat

Präoperative Planung mit DVT Bildern und Implantatplanungsmodul

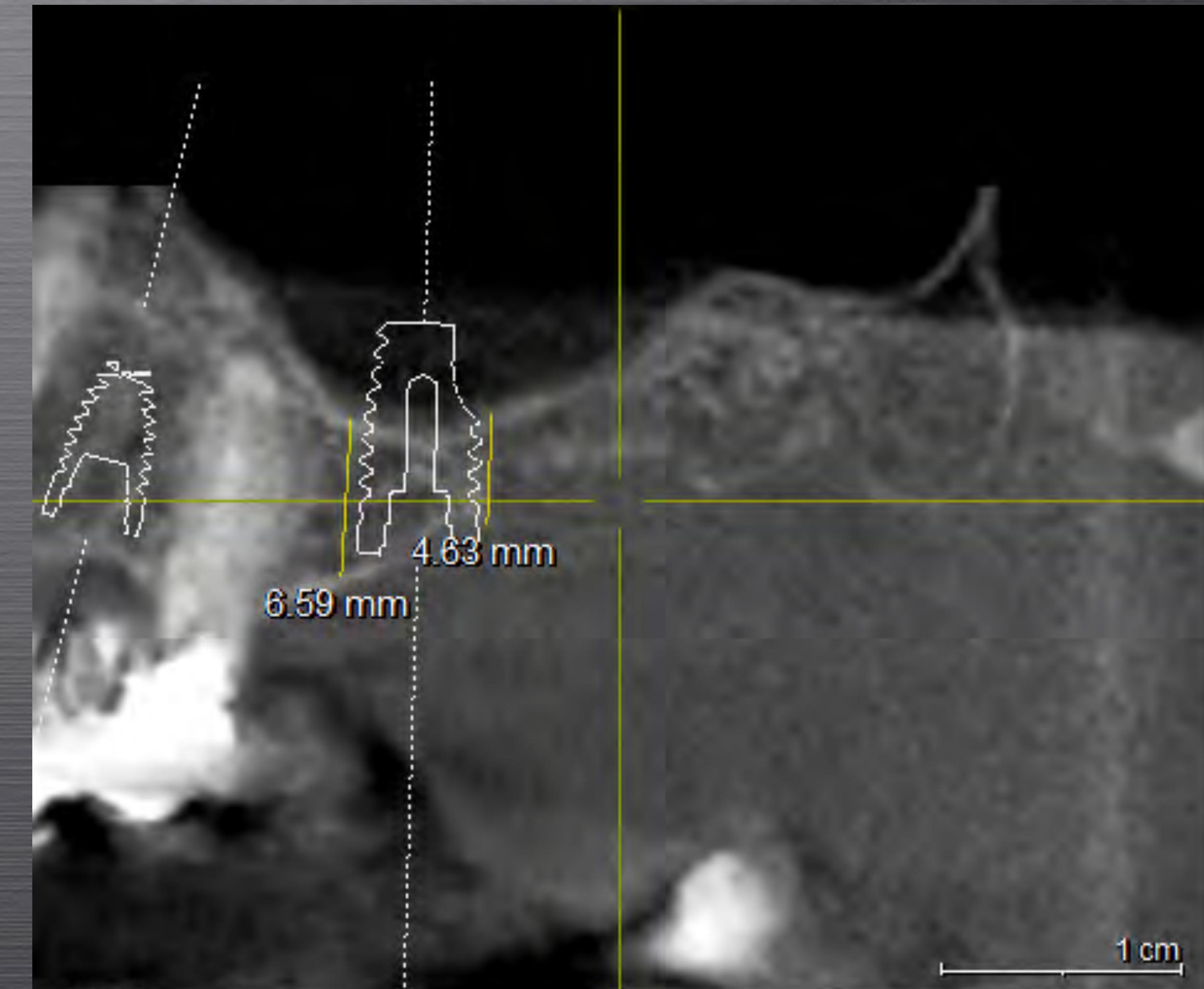
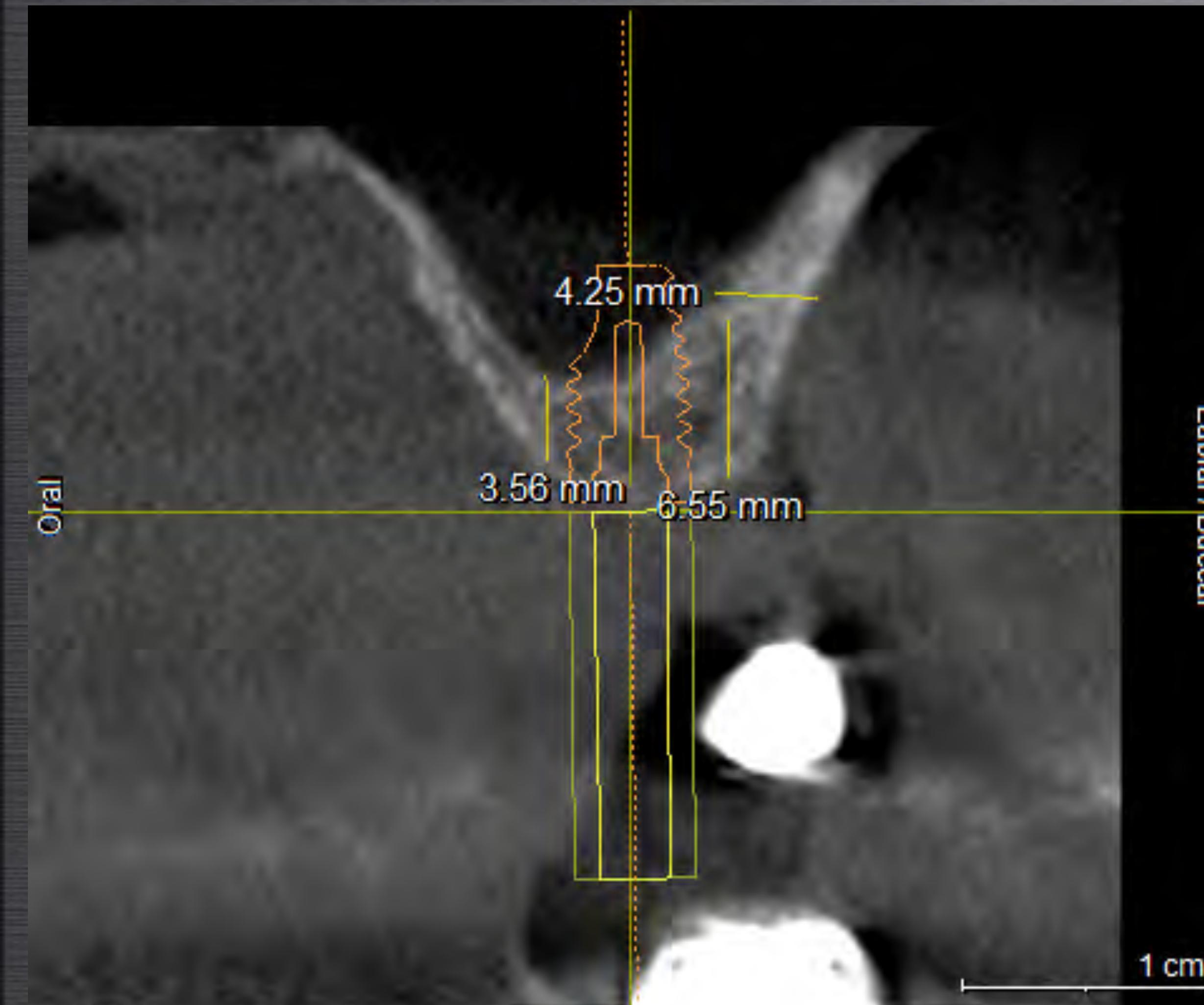




Postoperatives Resultat nach Autoaugmentation



Präoperative Planung mit DVT Bildern und Implantatplanungsmodul



25.11.1954



Postoperatives Resultat nach zusätzlicher Extraktion und Implantation 25



Präoperative Planung mit DVT Bildern und Implantatplanungsmodul

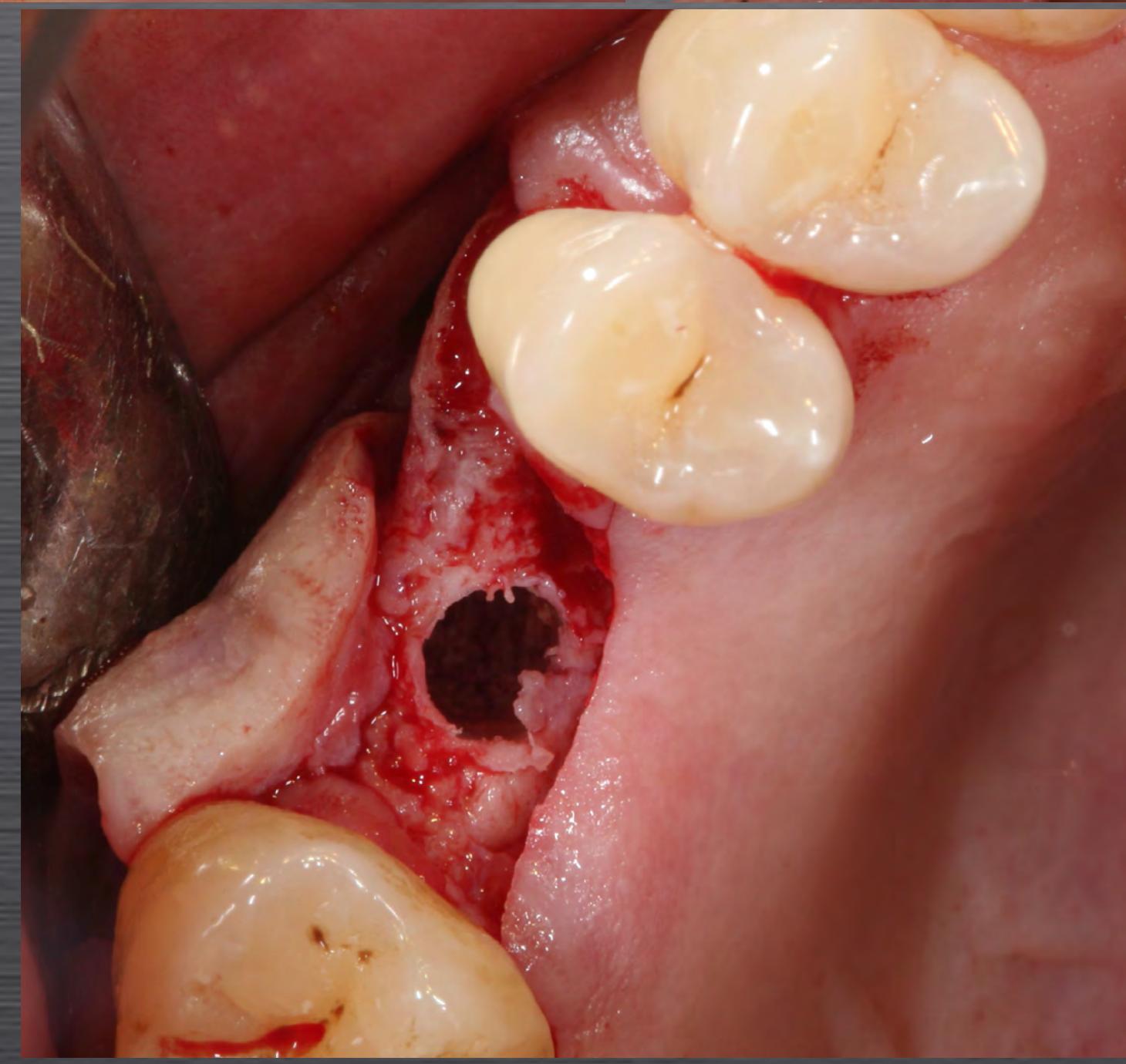
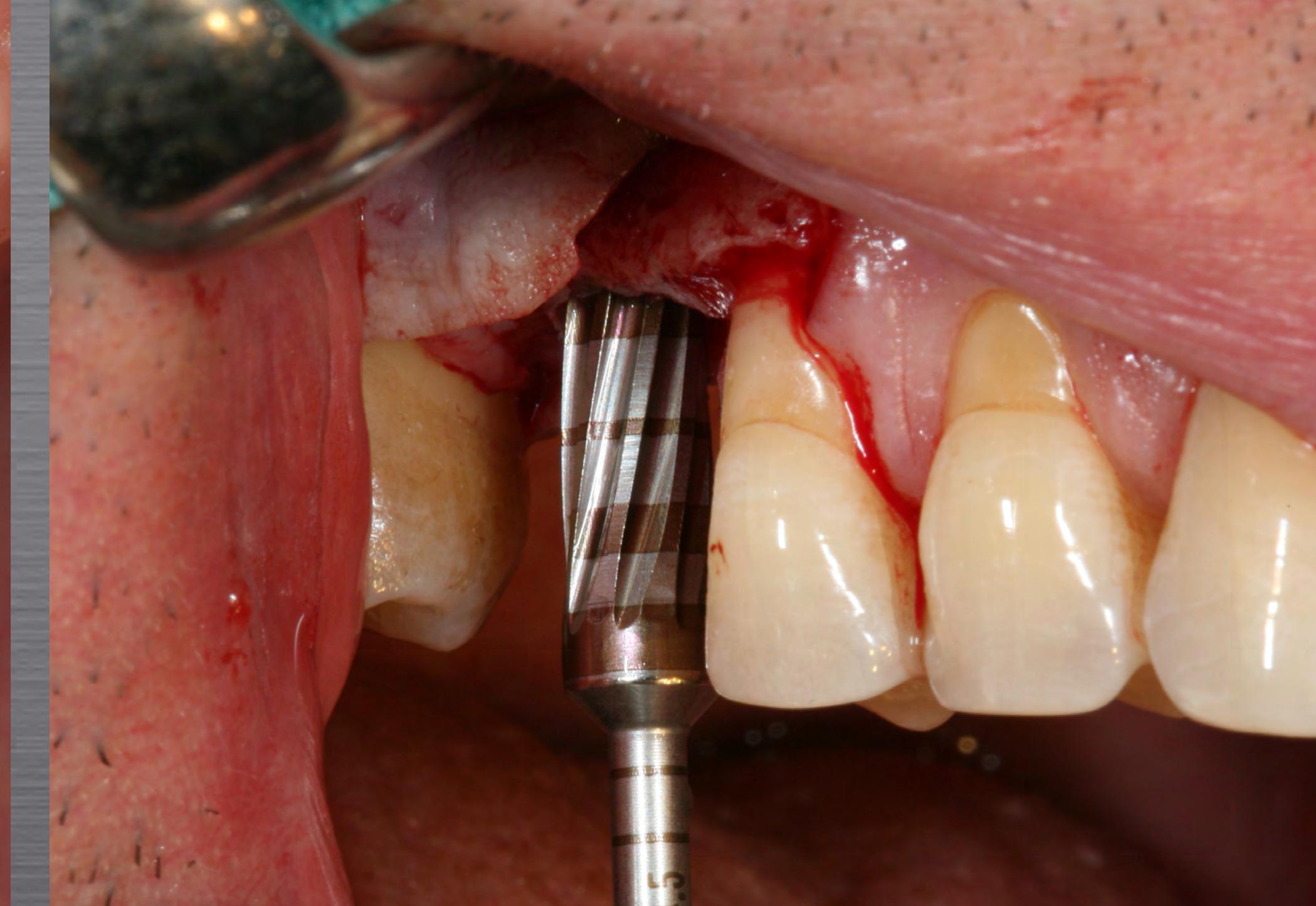
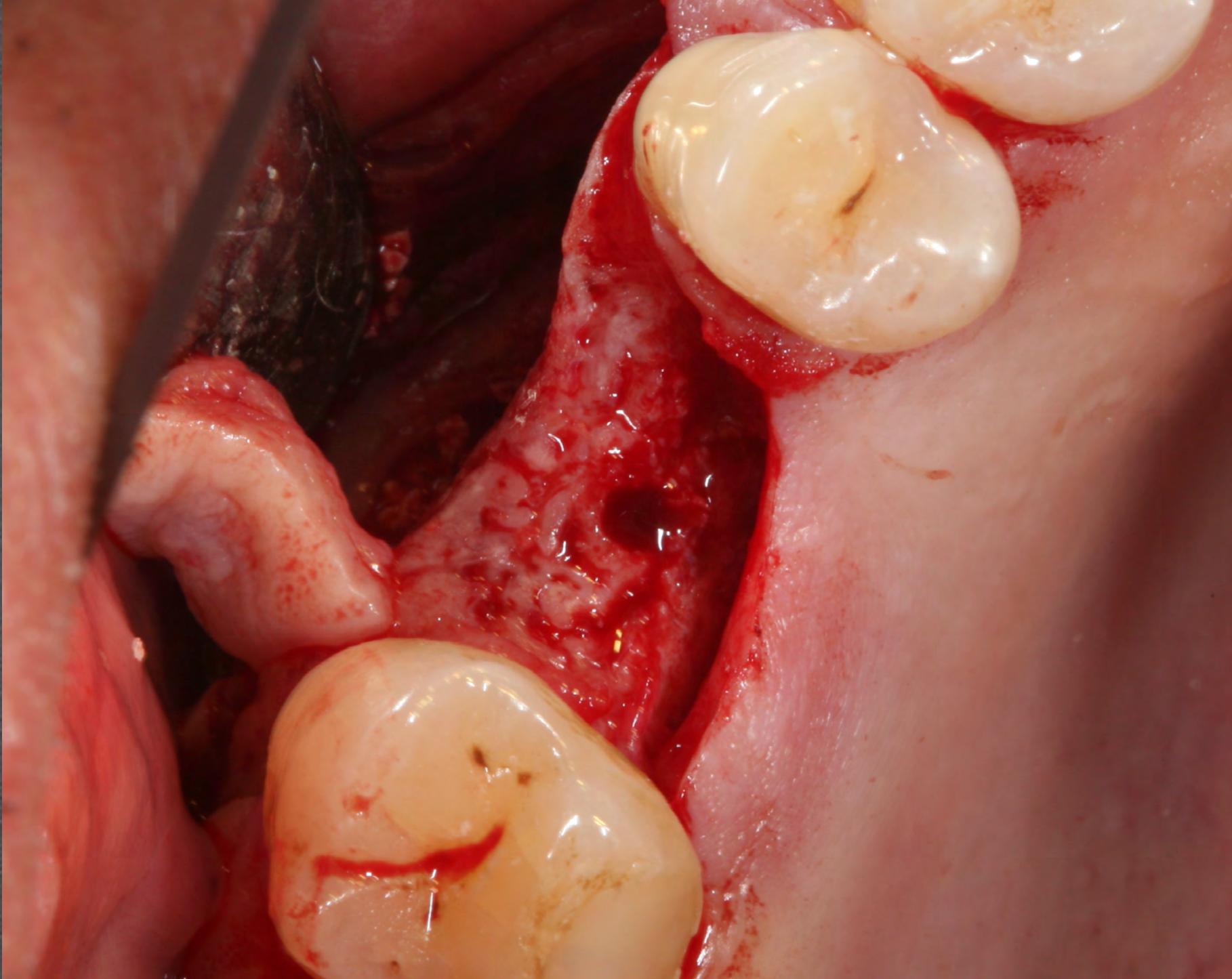


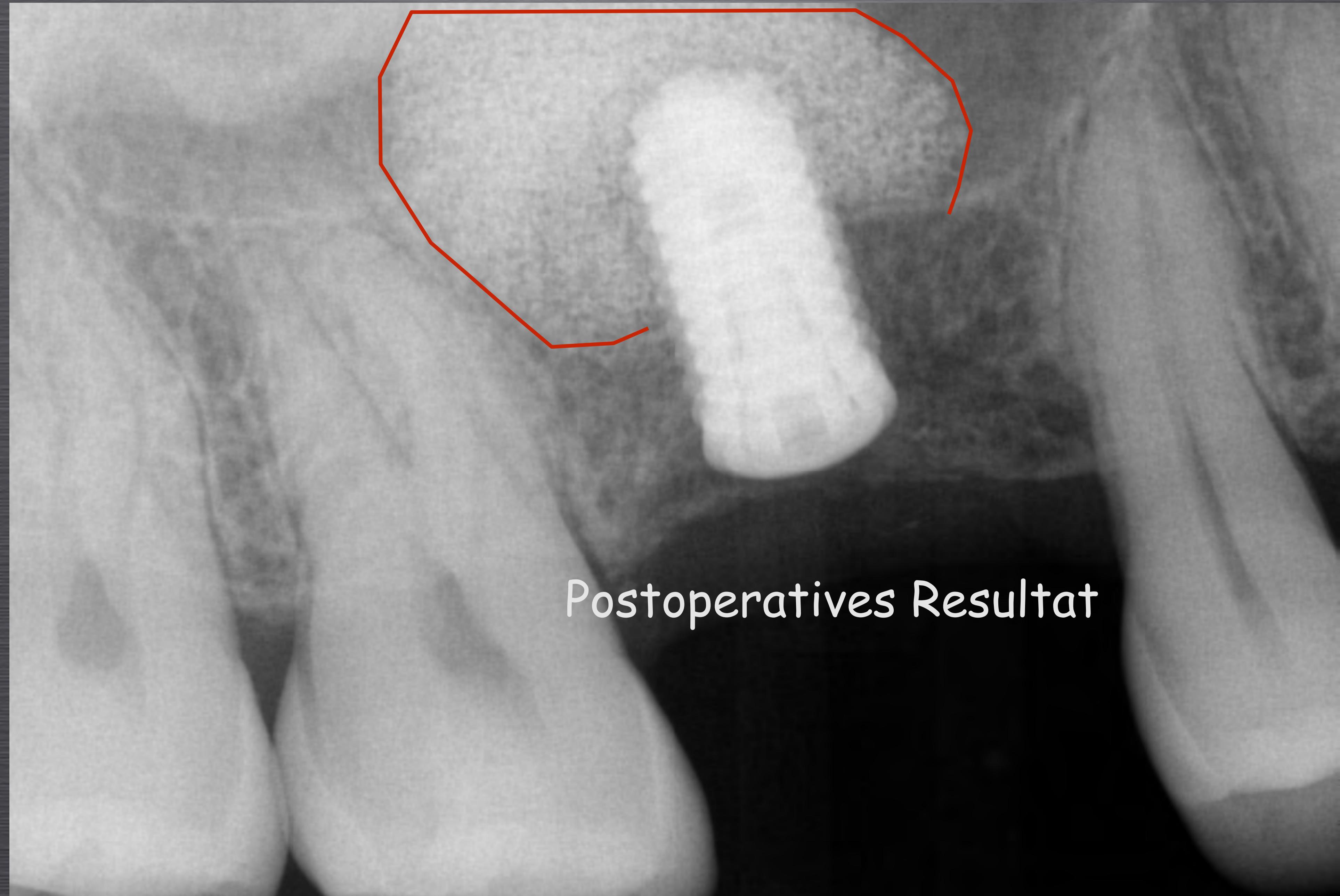


Postoperatives Resultat

In some difficult cases we combine the „Lateral window technique“
with the transcrestal „Densah technique“ to prevent Membrane
perforation

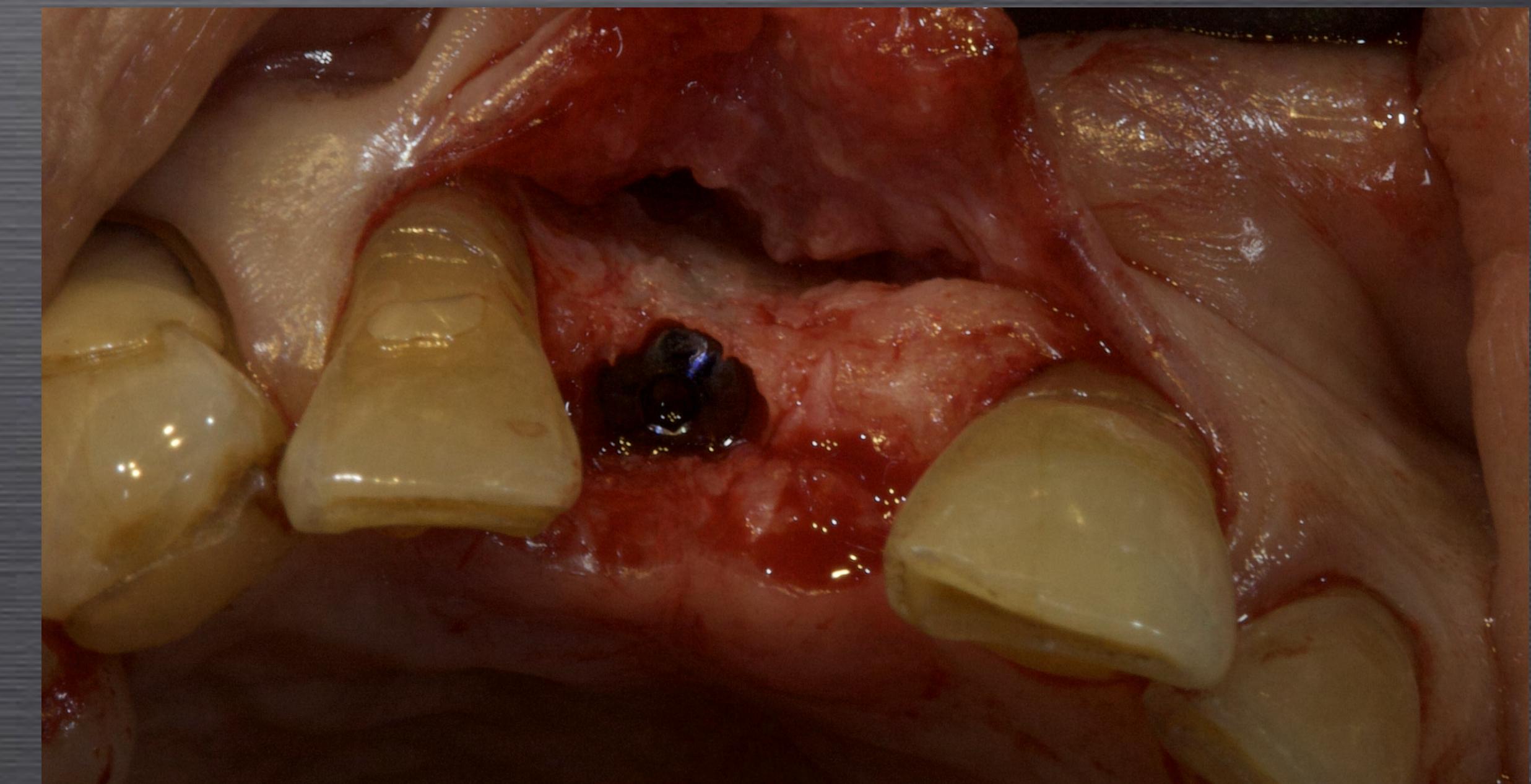
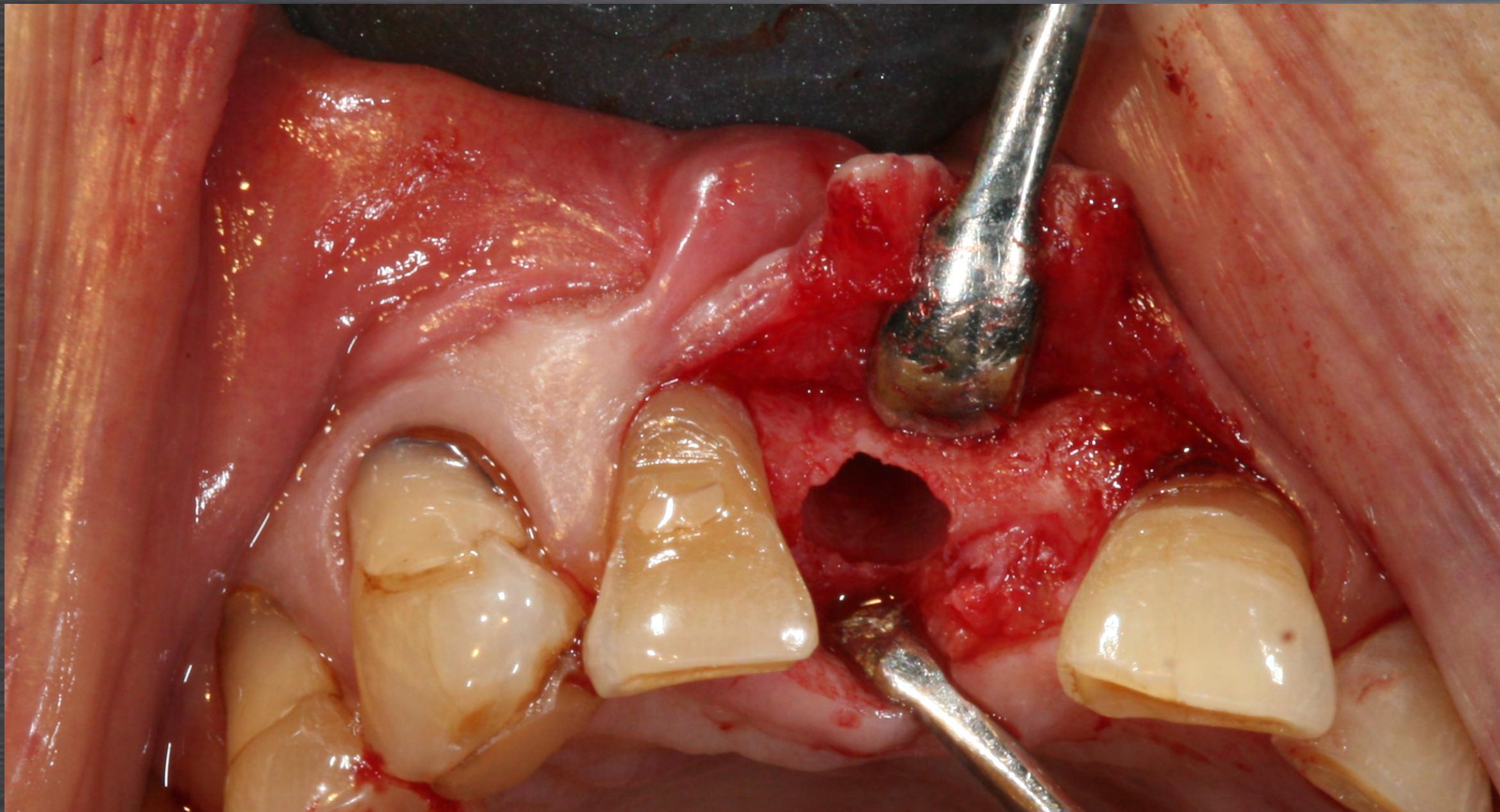
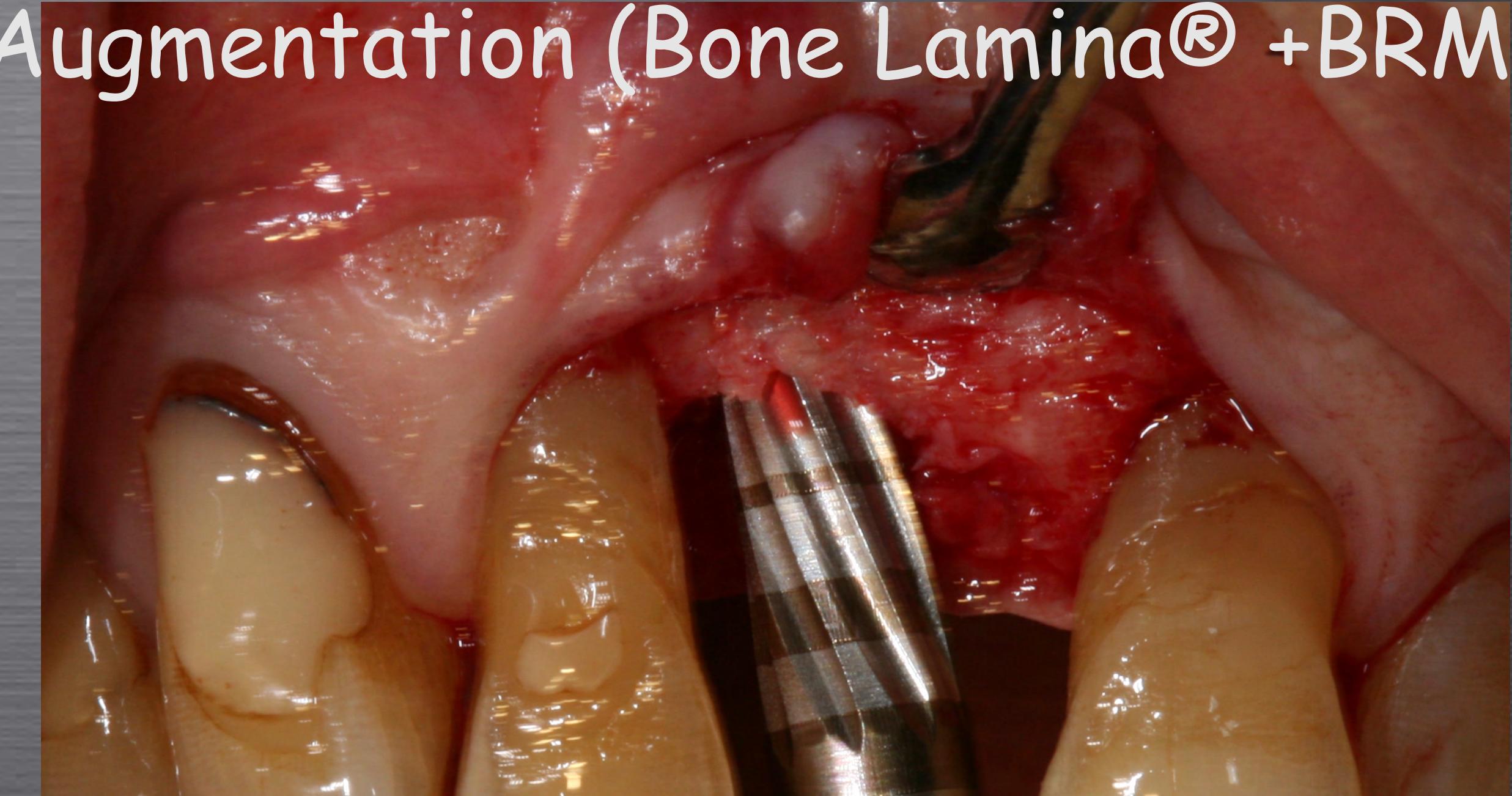
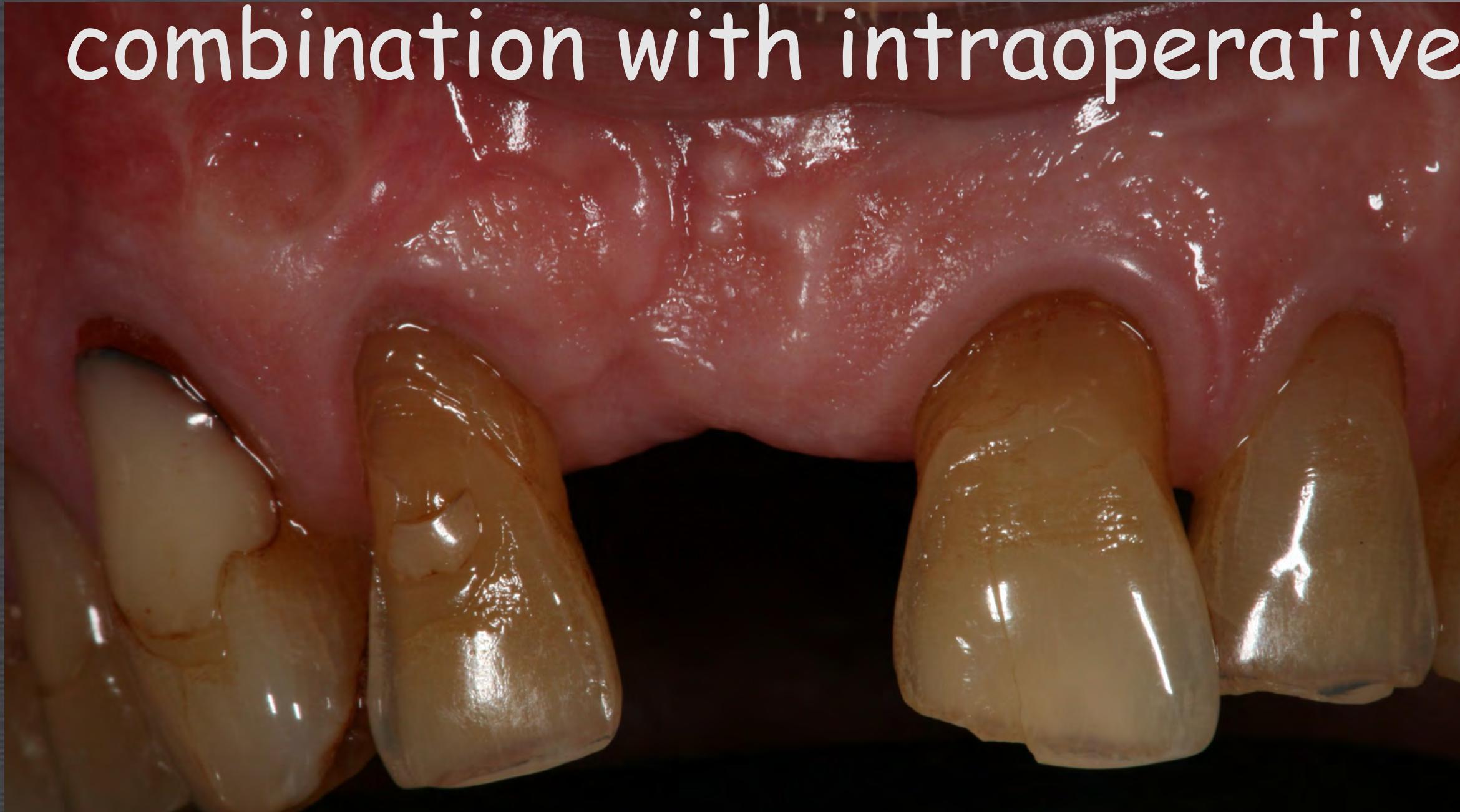




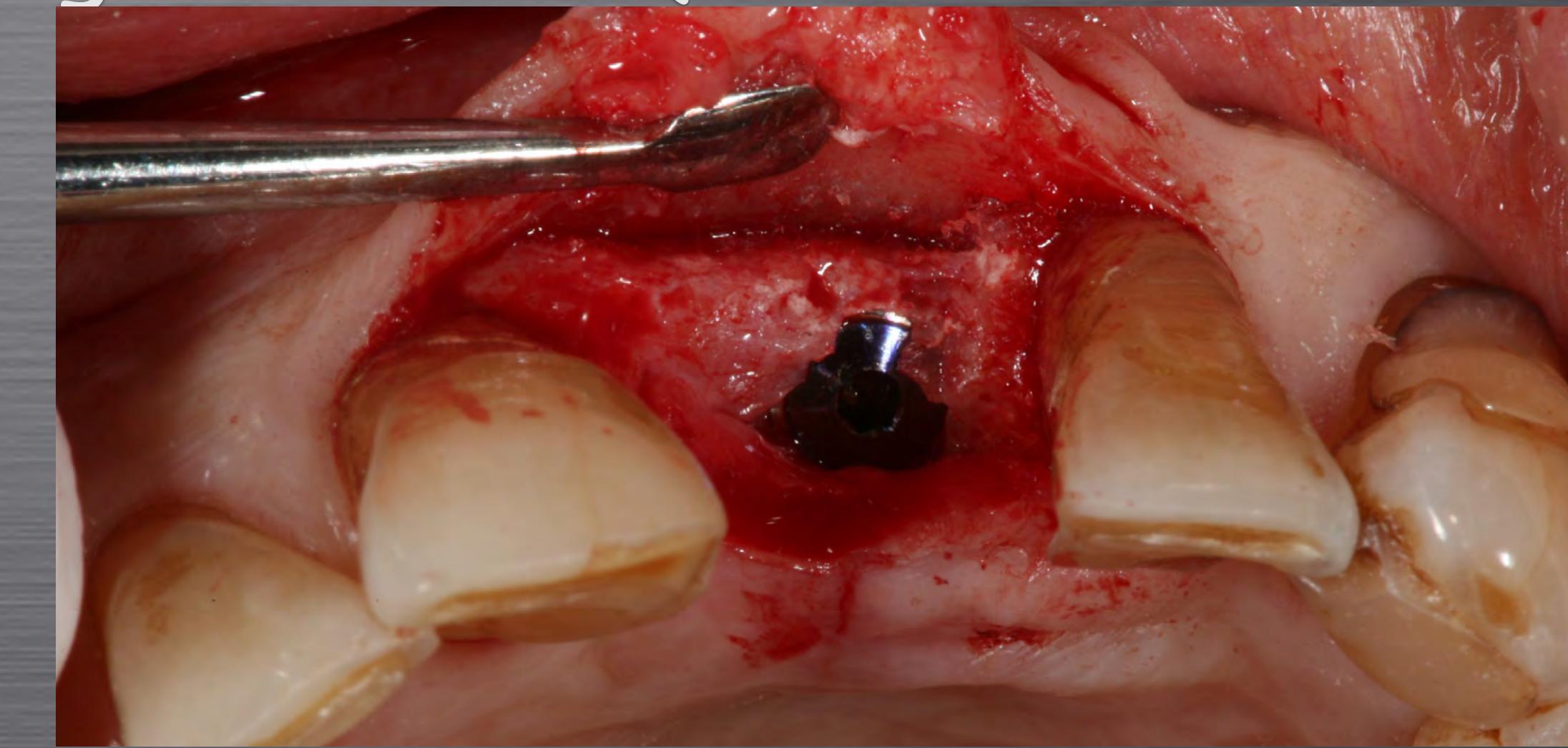
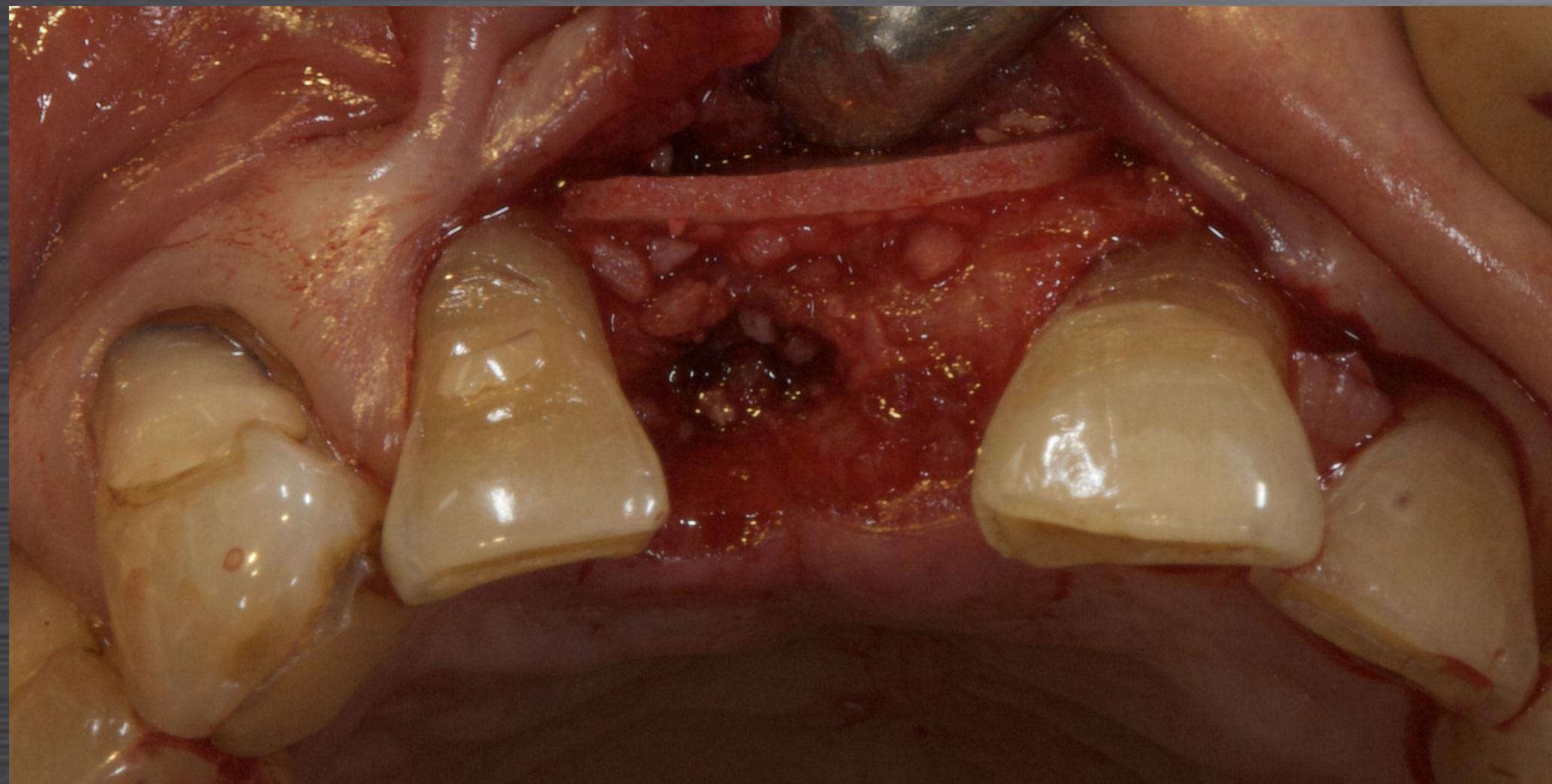


Postoperatives Resultat

Potential extended applications of „Osseodensification“ in combination with intraoperative Augmentation (Bone Lamina® +BRM)



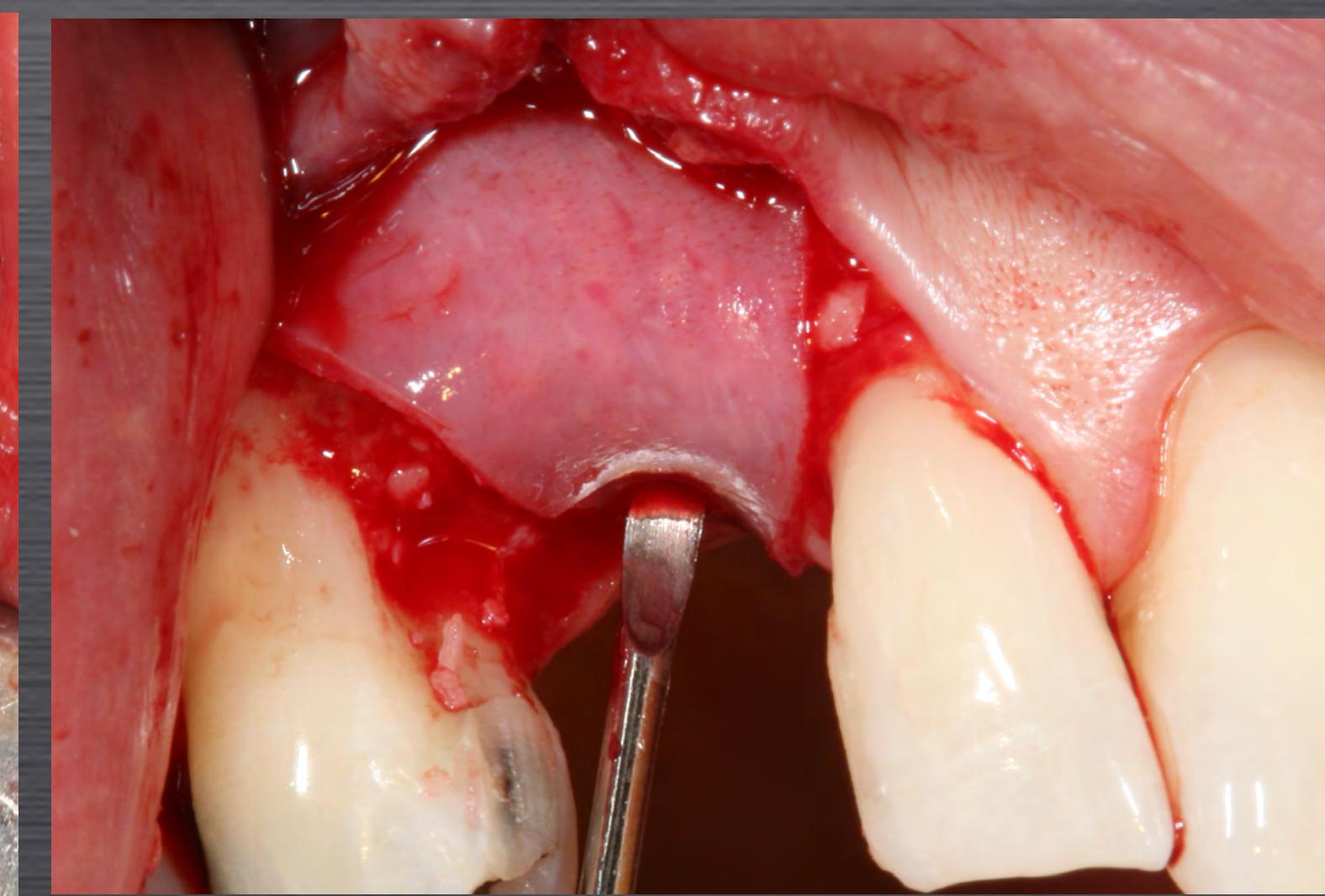
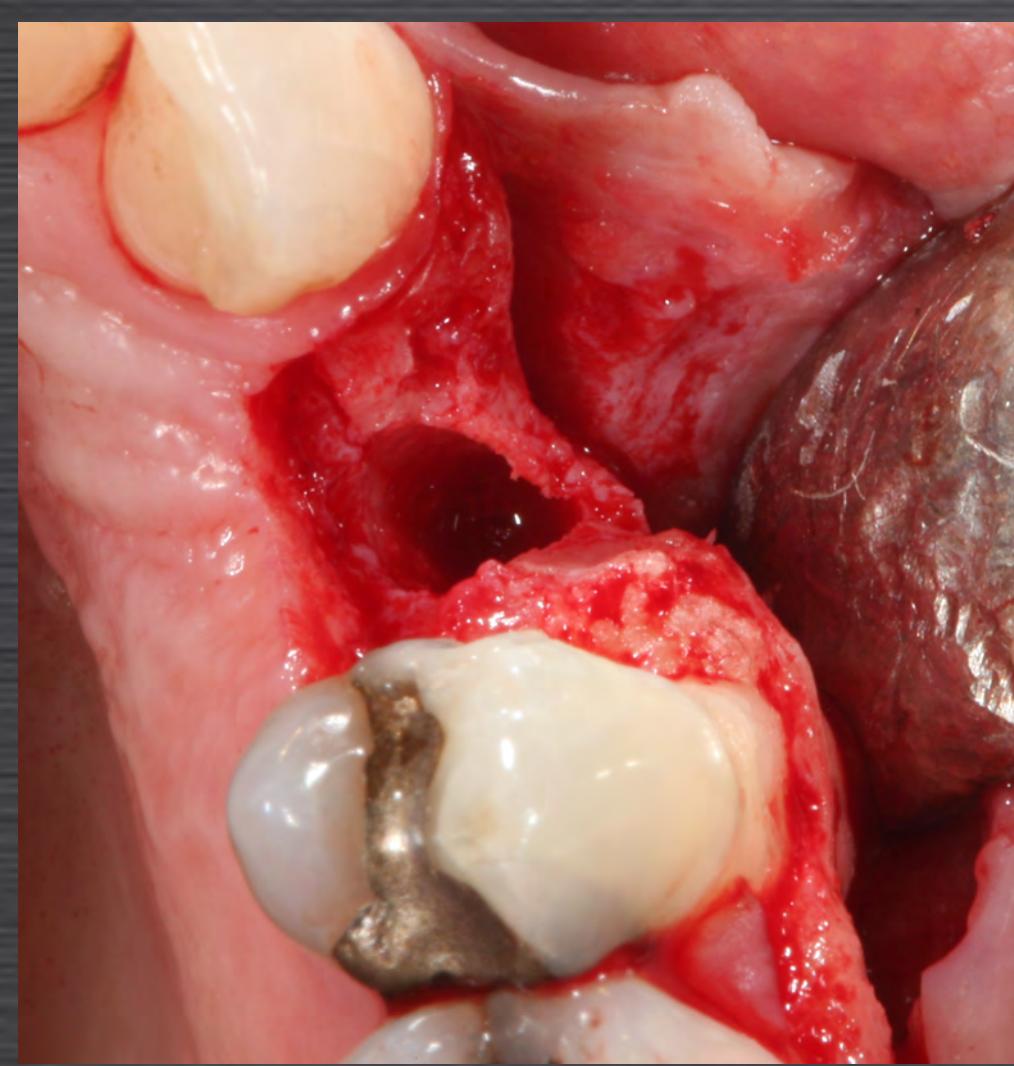
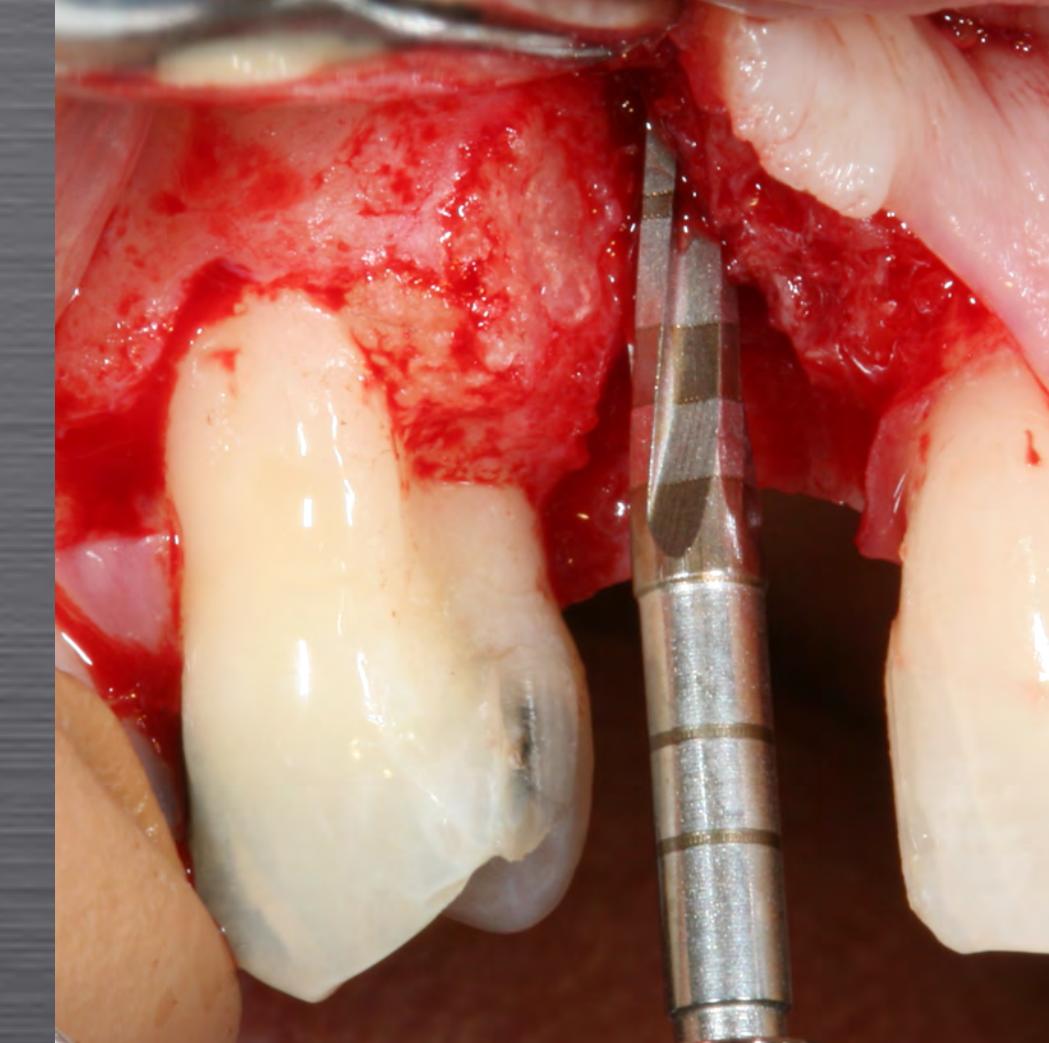
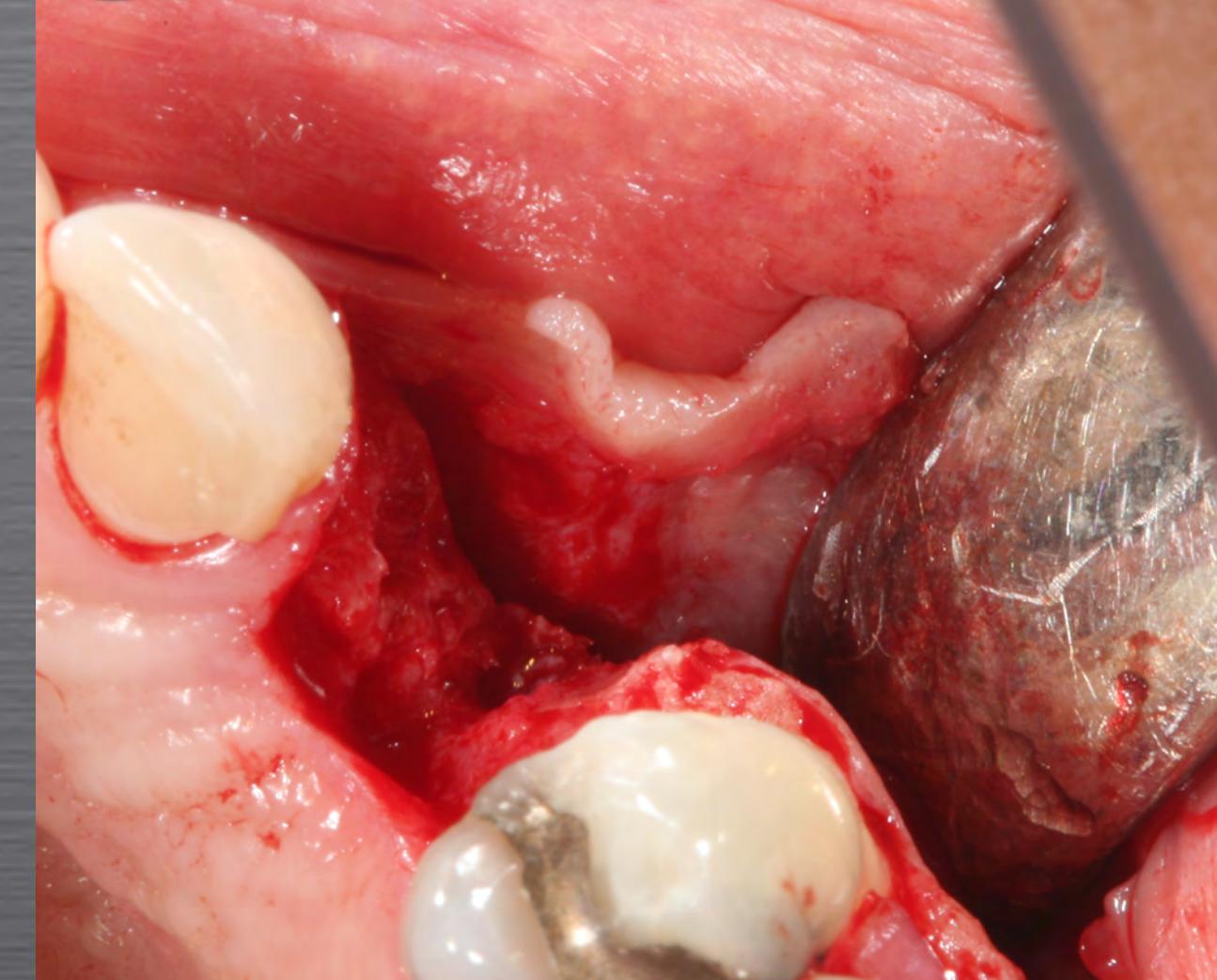
Potential extended applications of „Osseodensification“ in combination with intraoperative Augmentation (Bone Lamina® +BRM)



Prosthetics: Christian Senger, Vienna-Villach



Potential extended applications of „Osseodensification“ in combination with intraoperative Augmentation (Bone Lamina® +BRM)





Prosthetics: Christian Senger, Vienna- Villach

