



Size Does Matter

for the Success of Dental Implants

(4 Cases Report)

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Size selection contributes to the success of a dental implant. Four cases are presented here to prove that if the size is not appropriate, the implant will fail. Just by changing the size of the implant on the same failure site, successes were attained in all four cases.

Many experienced surgeons suggest that dental implants should have at least 1 mm of bone surrounding it. However, there is not a single, exact guideline that can help a clinician decide the appropriate size of the implant. Dentistry continues to be a blend of art and science, even in the field of implantology. Two cases of implants being too small and two cases of them being too big are presented here. Implants that are too small can lead to over-burdening of the implants and implants that are too big can lead to peri-implantitis.

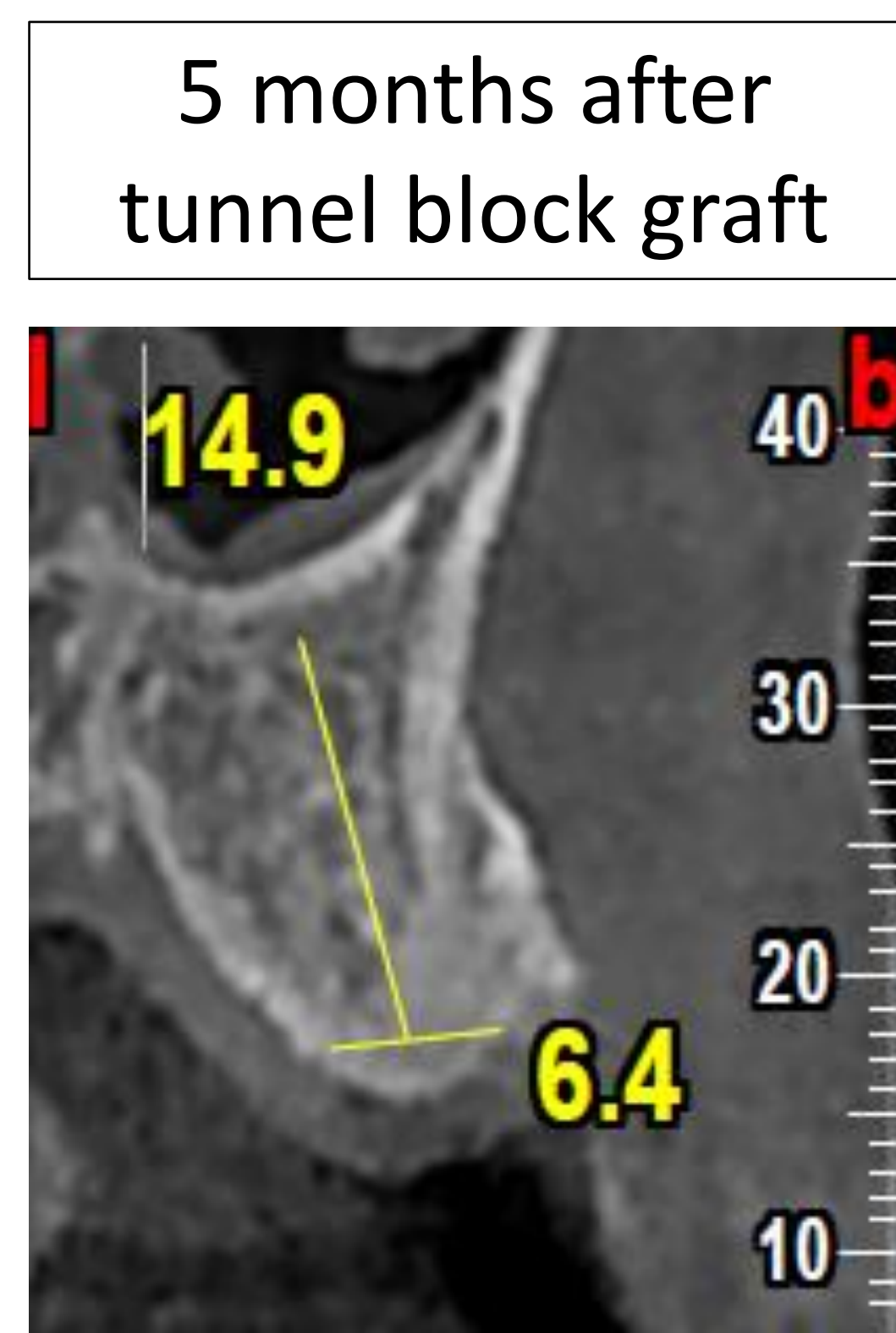


Undersized Implants - Too Small

Case 1. **Failed 3.75 x 8 implant on #11**, was successfully replaced by **3.75 x 11.5 (same brand)**



10/29/19

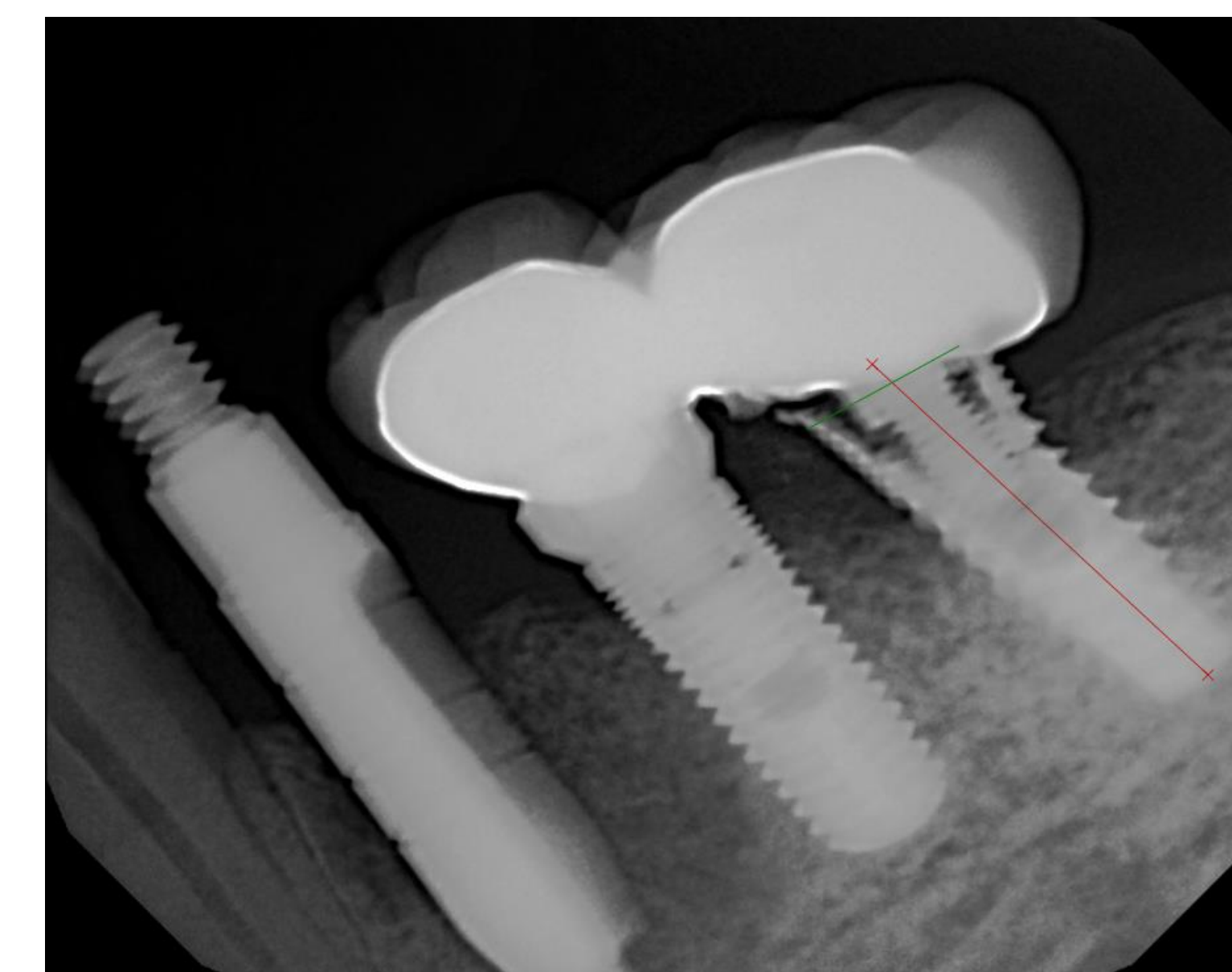


6/24/20

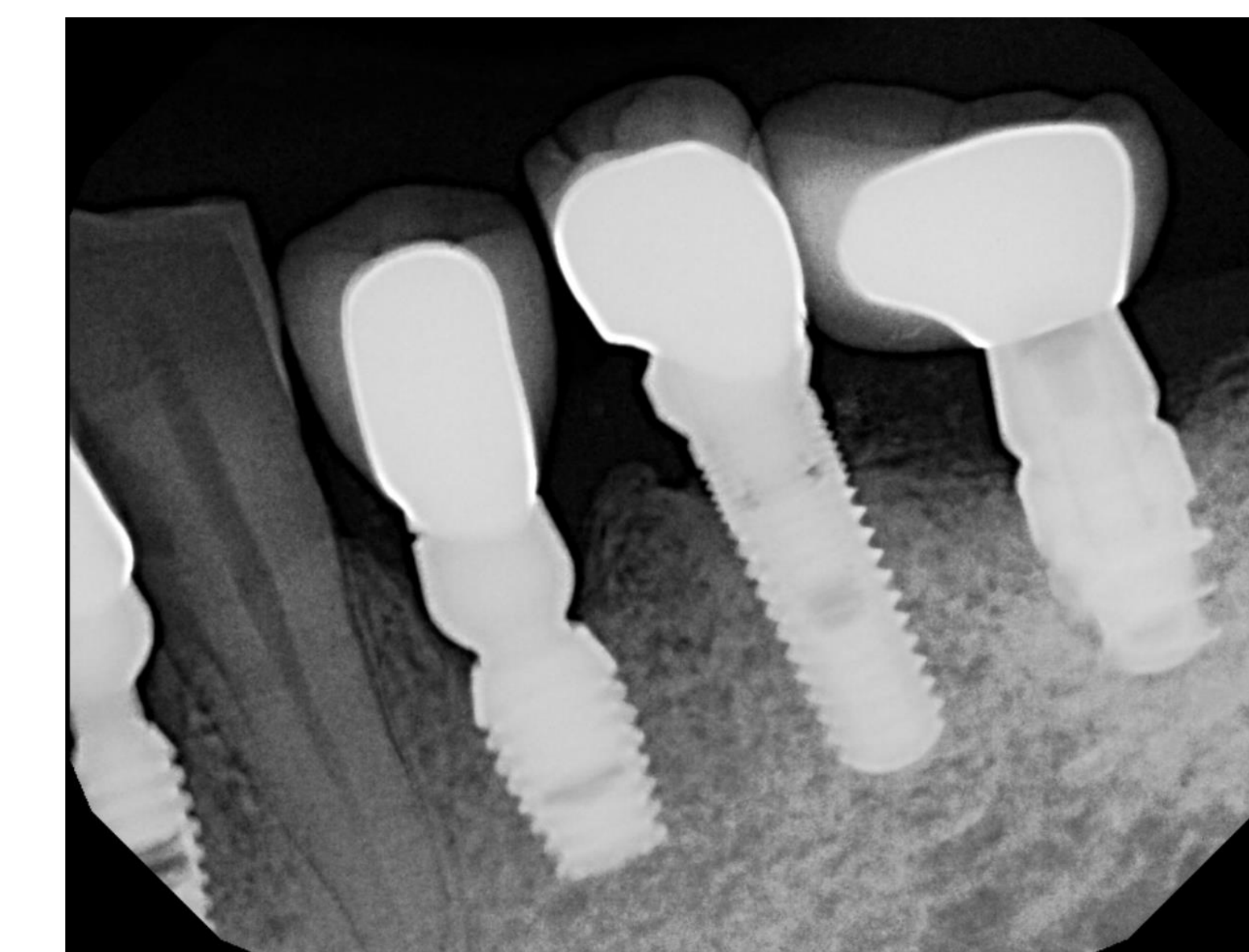


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Case 2. **Cracked unknown implant (3.5 x 13) on #19**, was successfully replaced by **4.5 x 6**

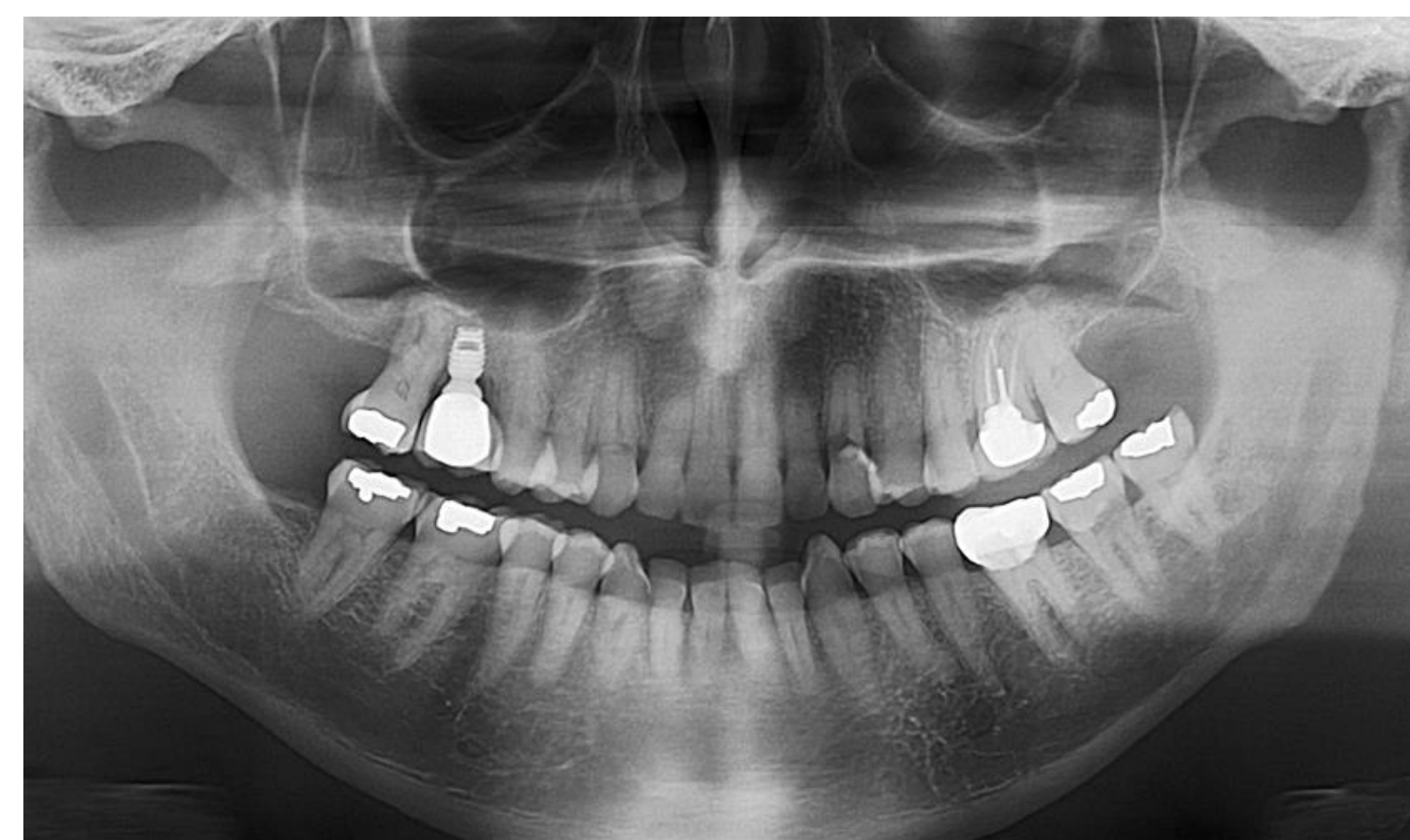


9/21/15

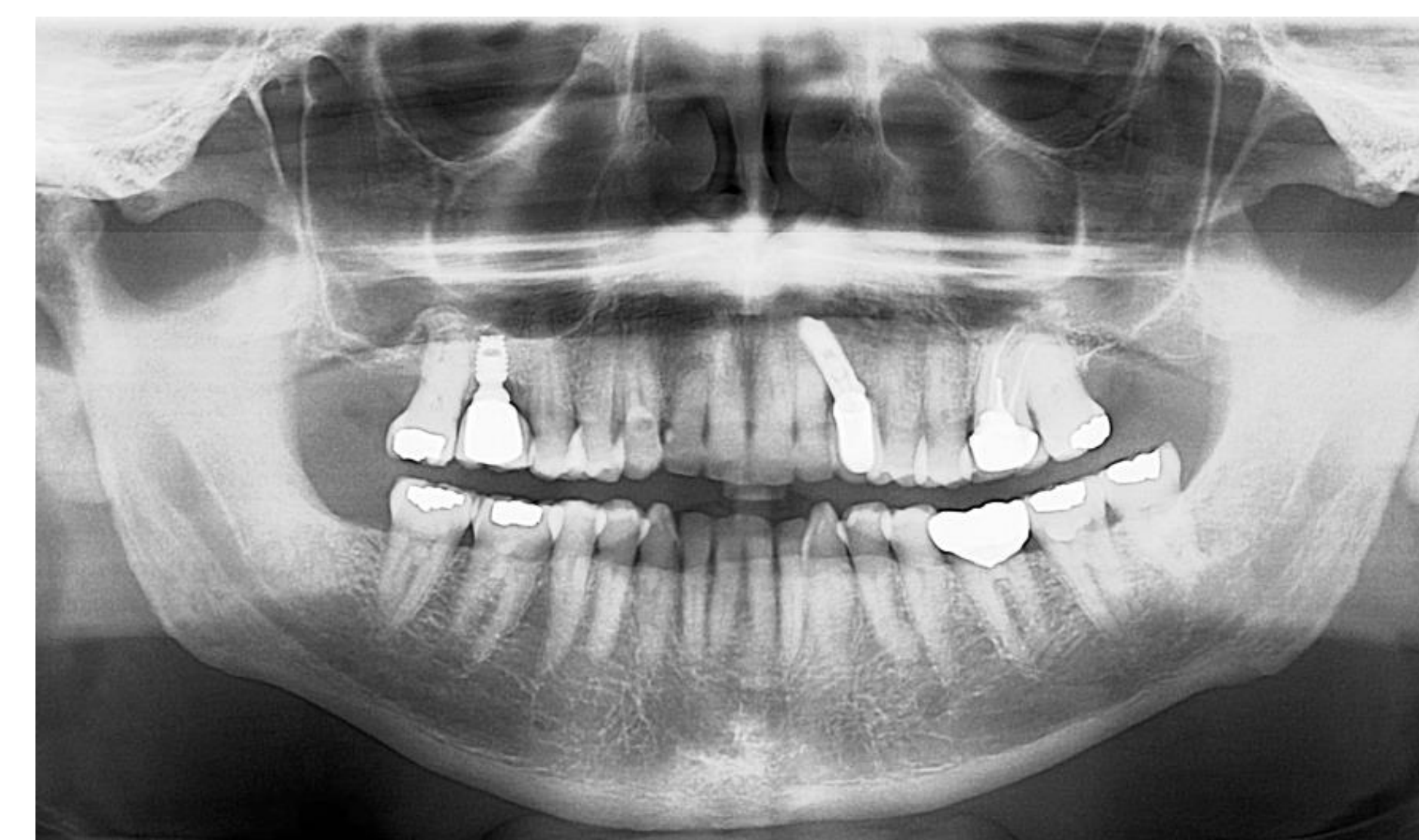


1/10/18

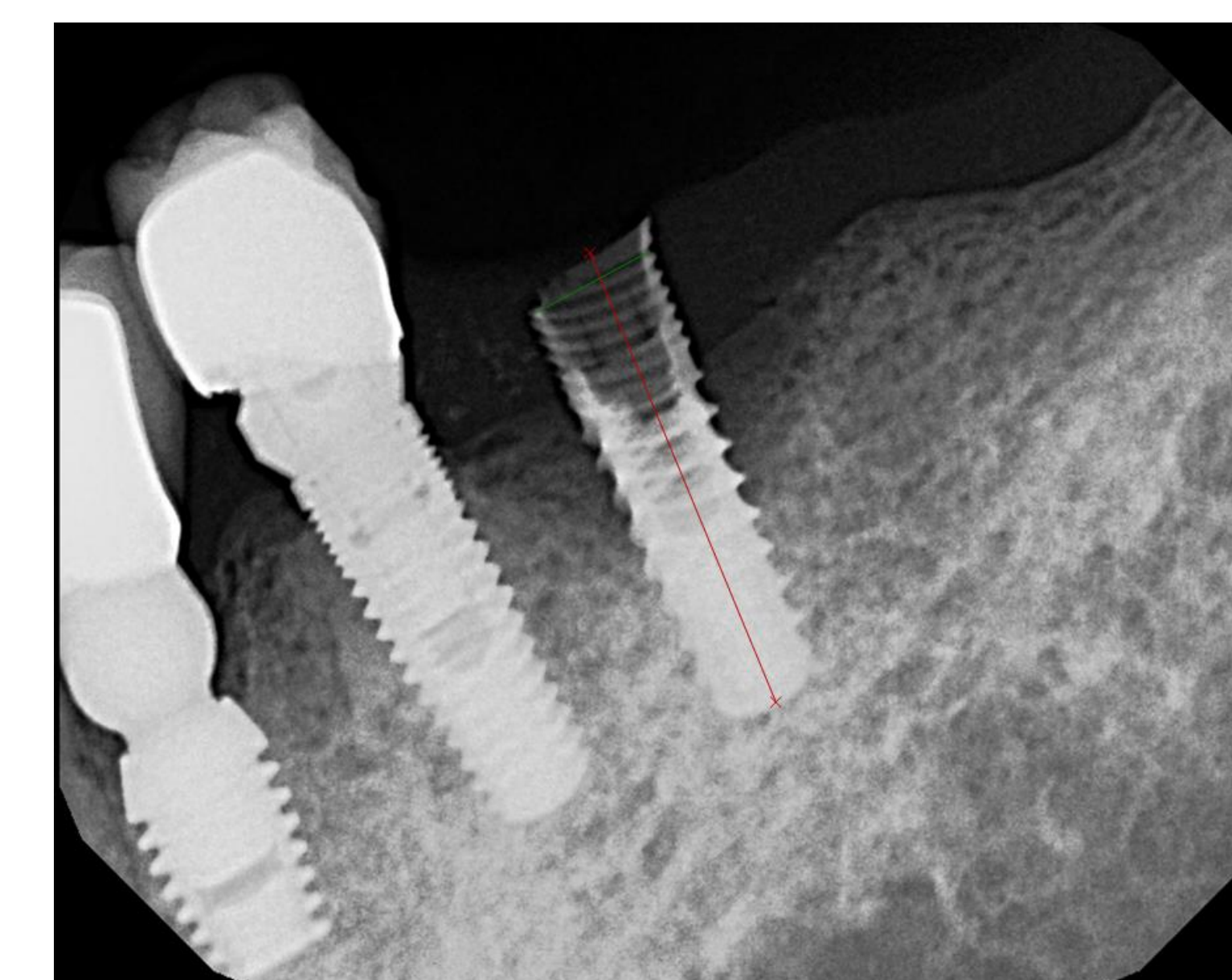
#11 - internal resorption



6/26/18



6/29/21



3/6/17



7/17/19



Oversized Implants - Too Big

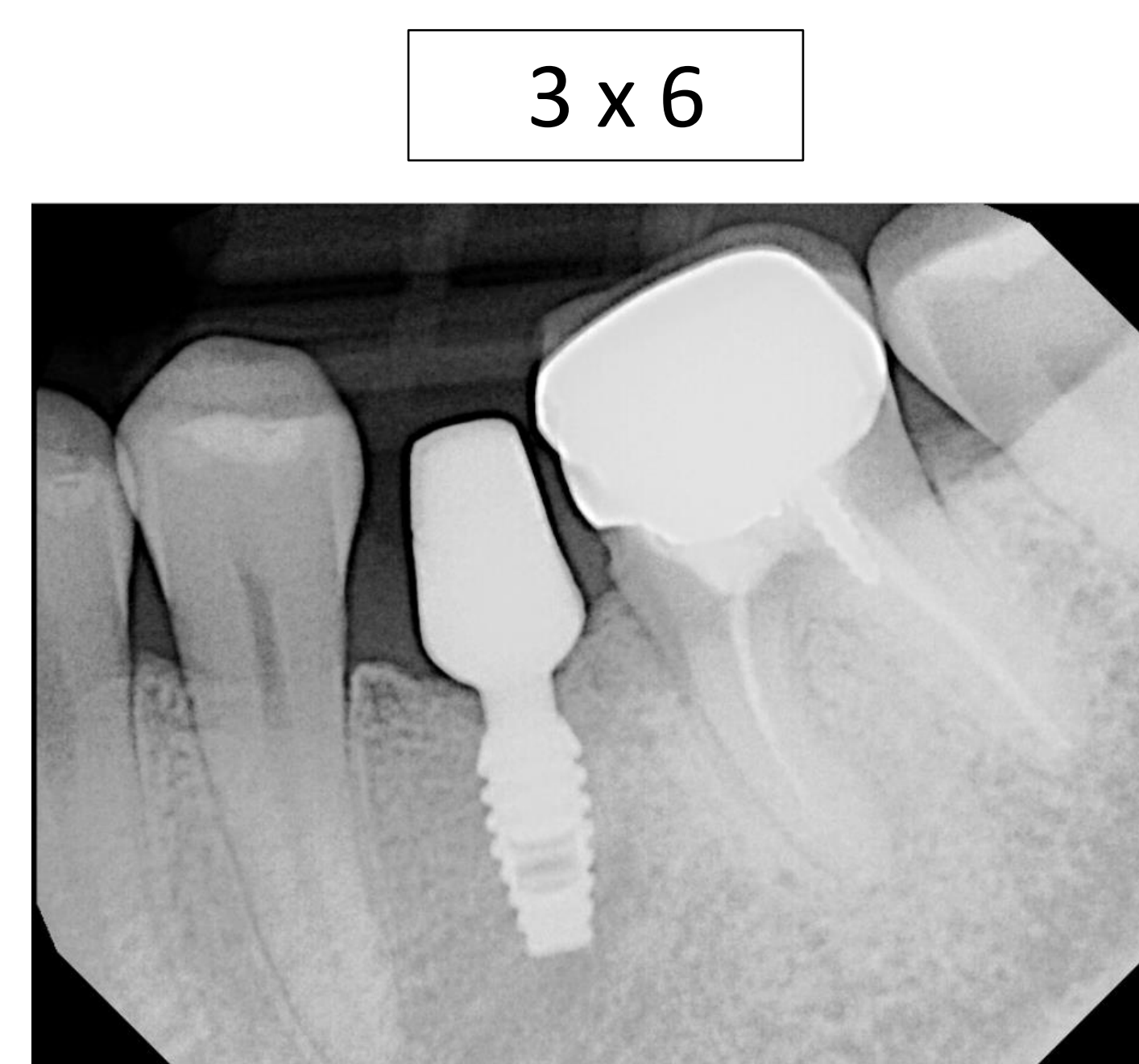
Case 3. **Failed 3.75 x 8 implant on #19** was **not successfully** replaced **by 3.5 x 8**, but was later successfully replaced **by 3 x 6**



3/1/19



6/19/19



9/21/20



6/7/19



7/3/19



8/23/21

Case 4. **Failed unknown implant (4 x 18) on #19** was successfully replaced by **4.5 x 6**



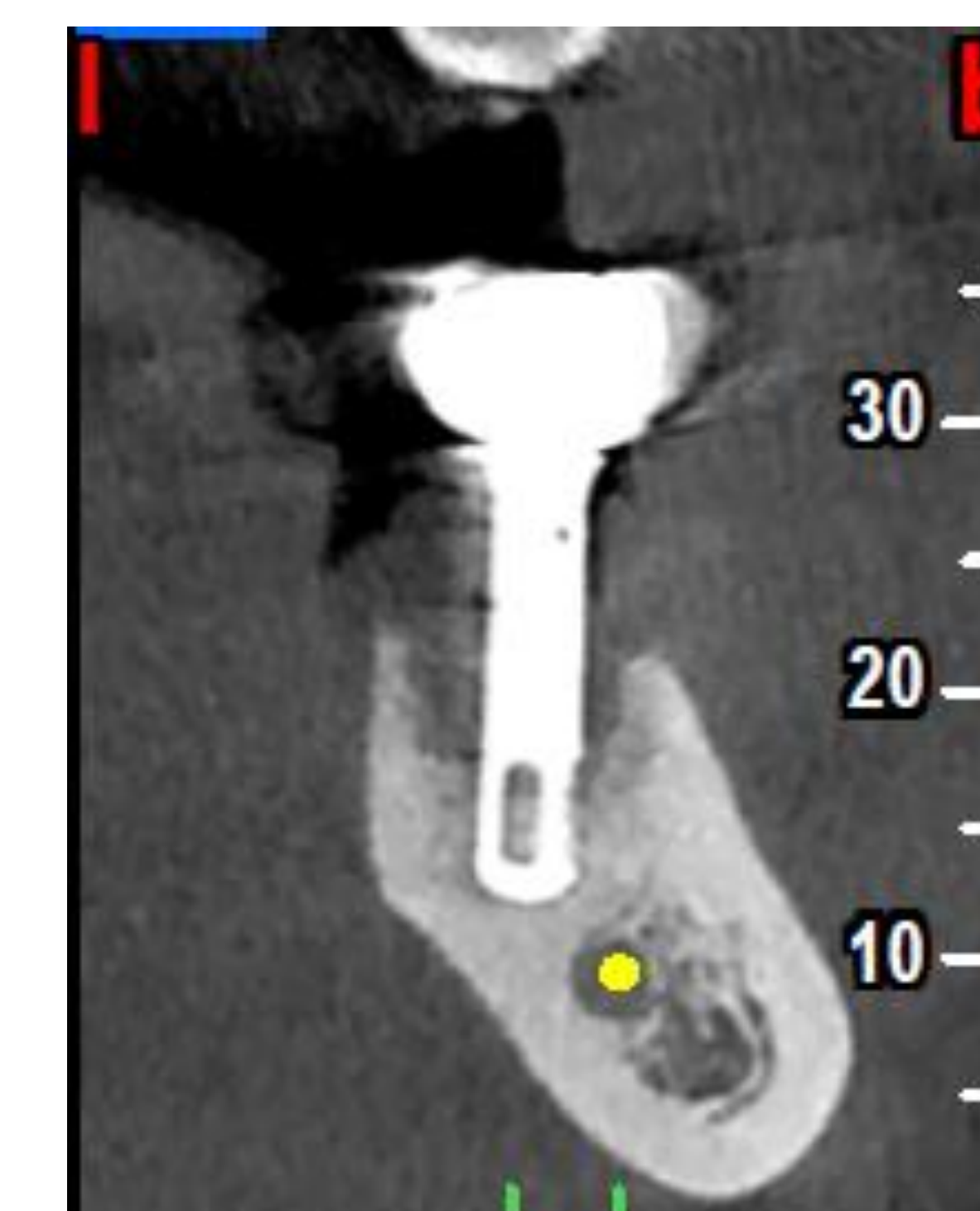
11/20/15



8/15/19



5/13/16



5/20/16



1/14/20



Conclusion

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Size corrections were the primary factor for the success of these four dental implant cases.

We need to realize that there is **no one-size-fits-all guideline** in implant dentistry.

Art and science are the determining factors of the success in dentistry.

And, of course, prayer!