



Clinical Case

10 YEARS long term follow-up of Neobiotech IS-II Active #5

Director of Global Academy of Osseointegration

Dr. Young-ku Heo

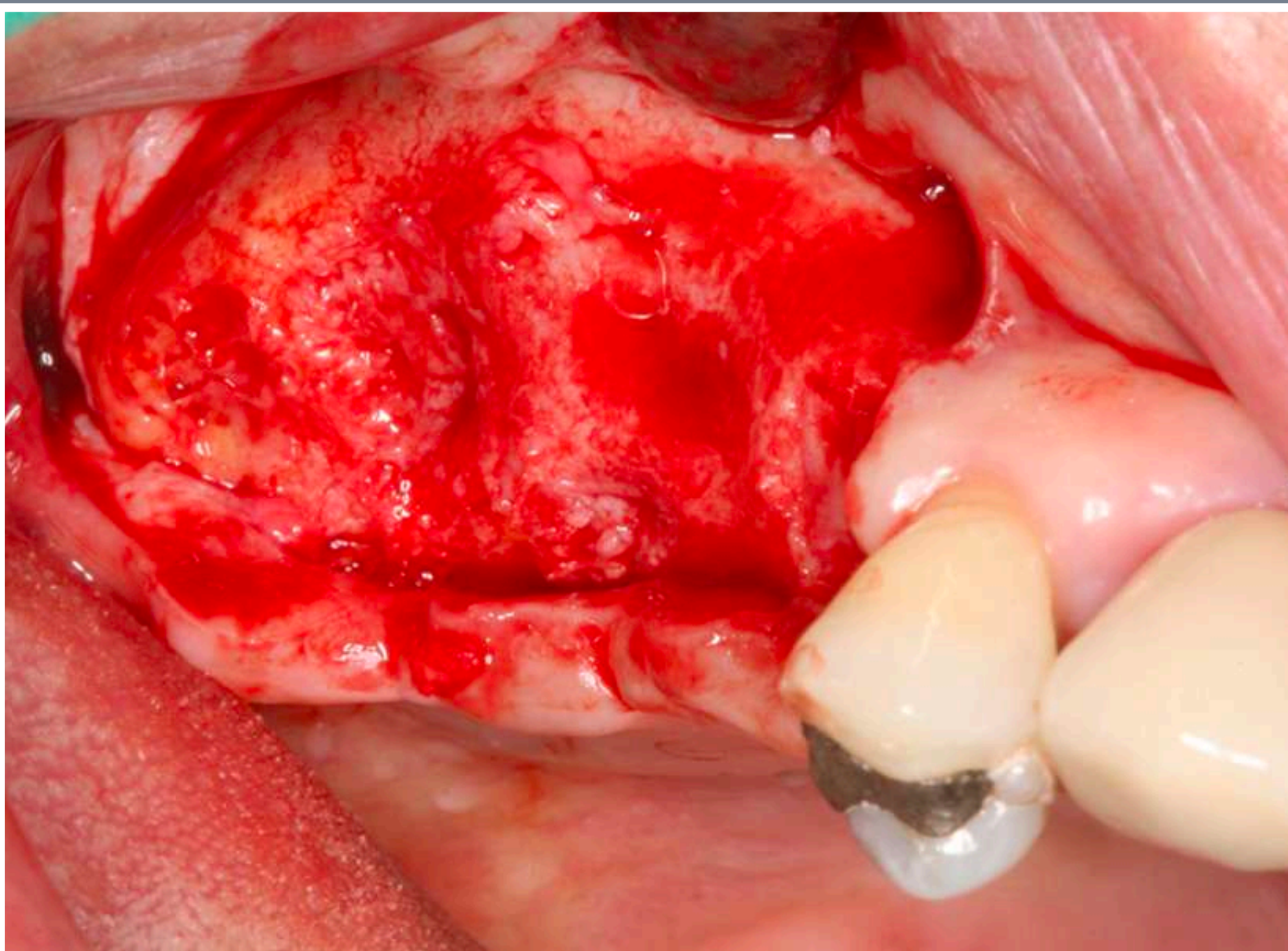




Intraoral picture before surgery



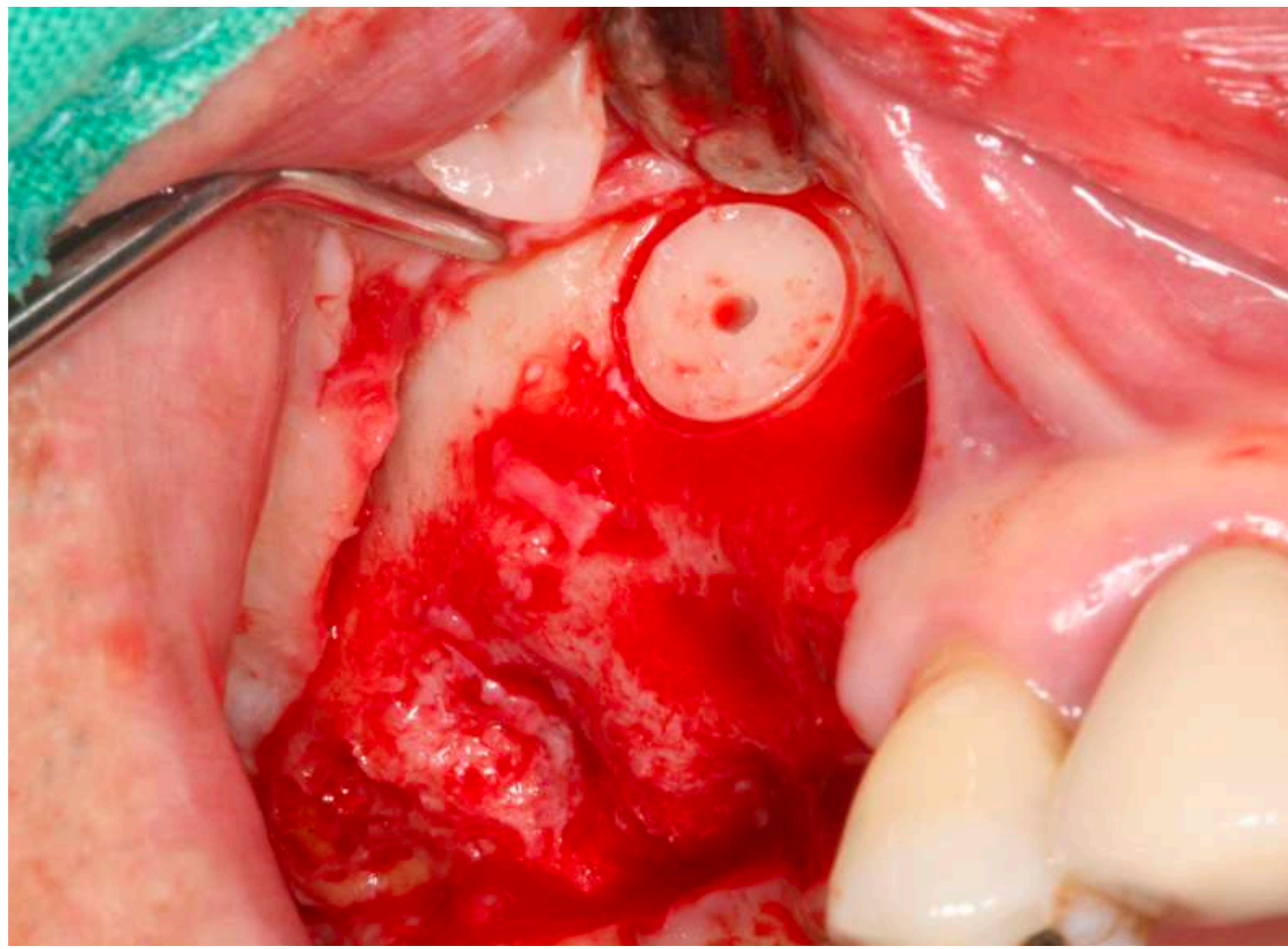
Intraoral view of the site after extraction. Horizontal defect on the buccal side was observed.



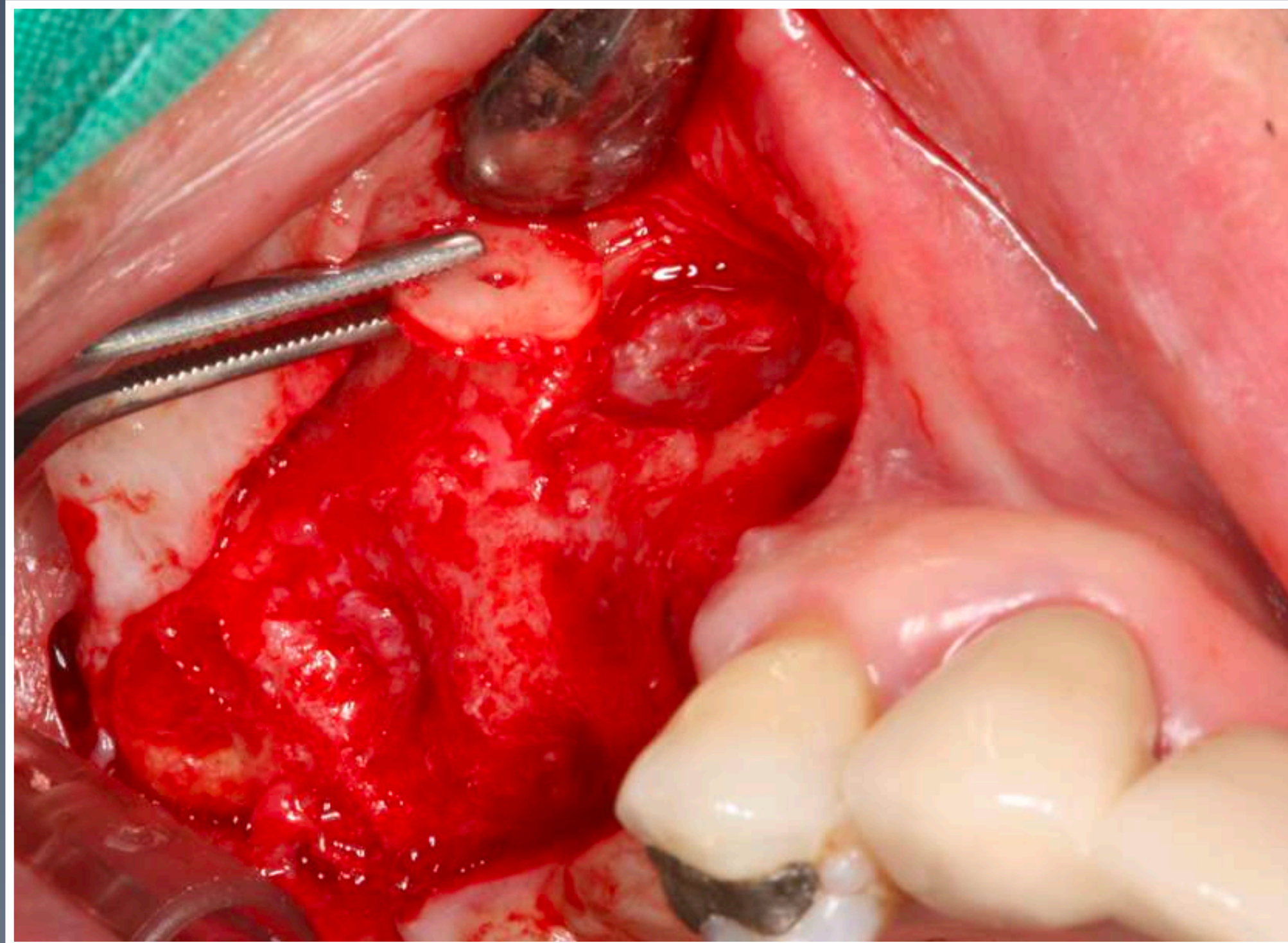
Access was gained via full thickness flap with crestal and vertical incision.



The LS-reamer was used to make a lateral hole. The reamer should be tilted side to side for depth control.



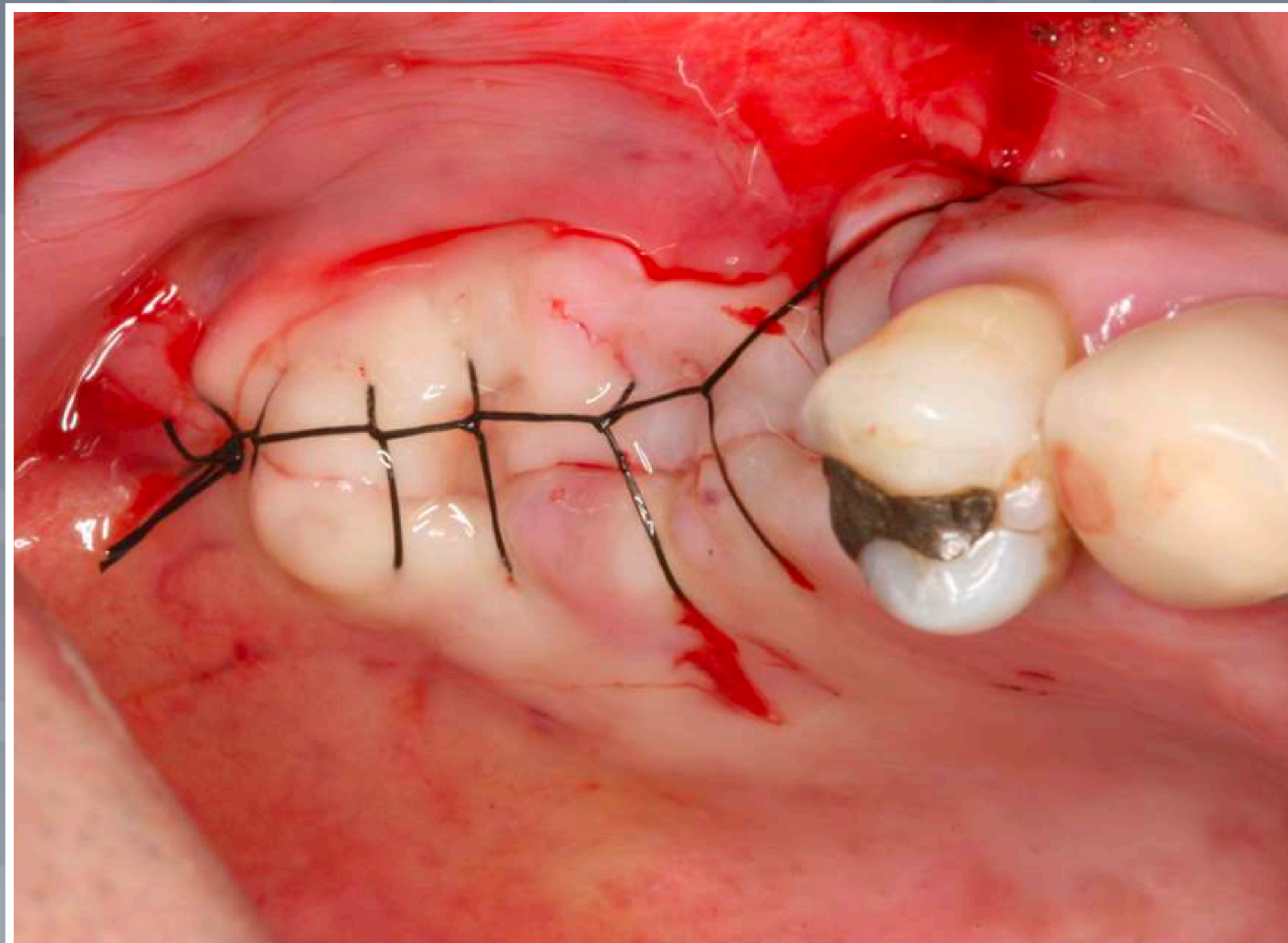
A lateral window was made with LS-reamer.



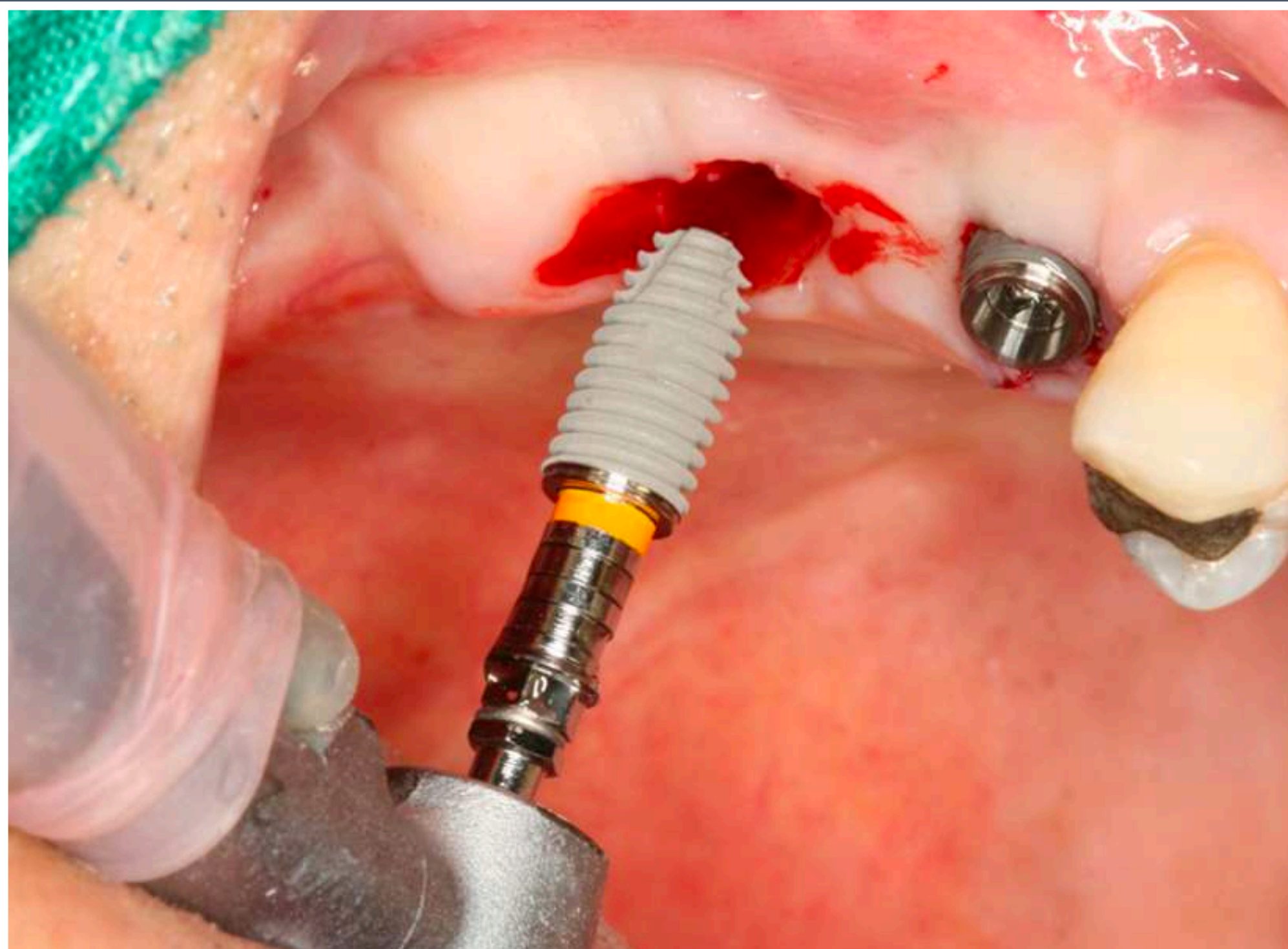
Lateral bone core was detached.



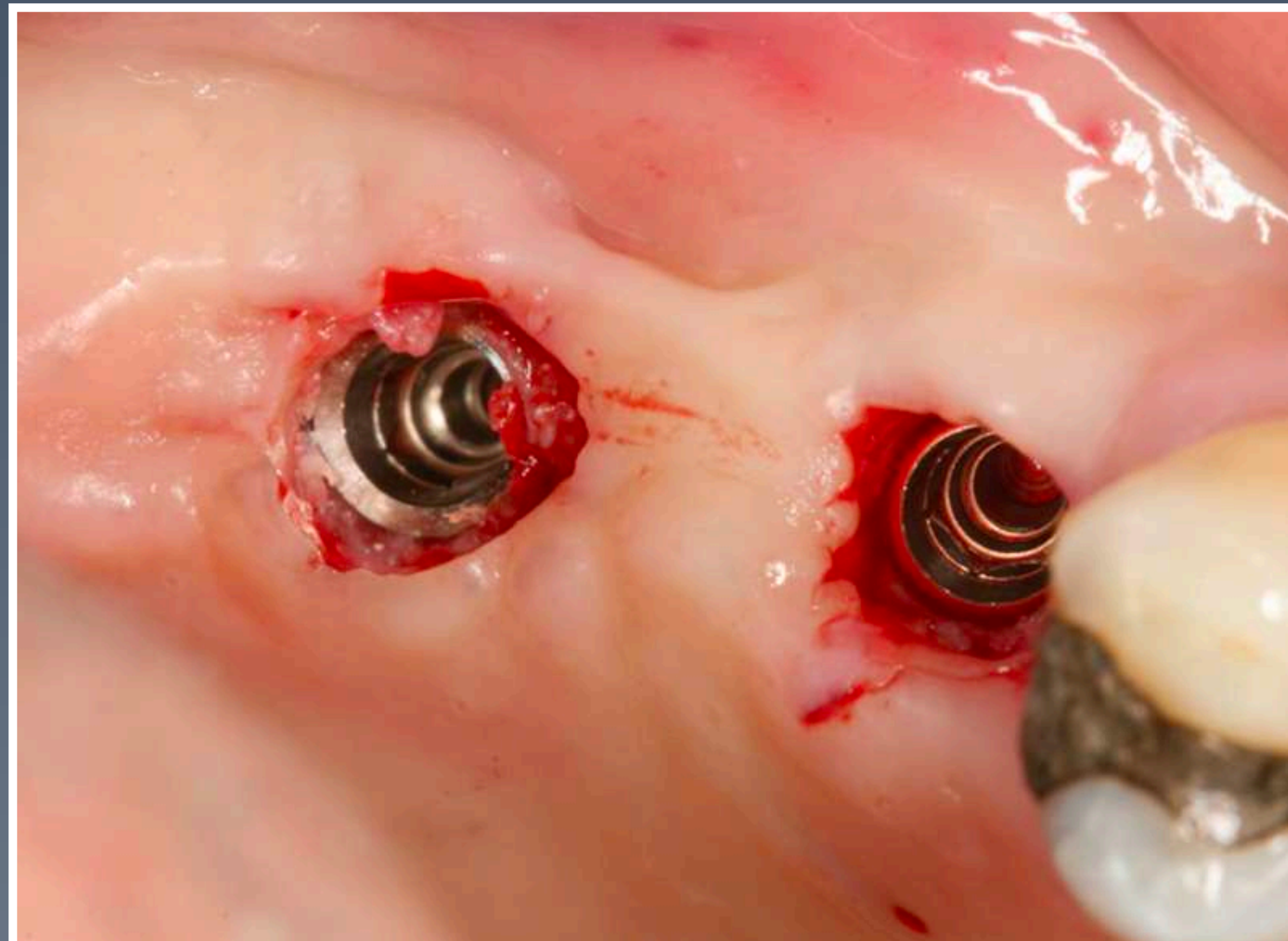
Bone graft material(Calpore; synthetic bone) was inserted.



Continuous suture was made.



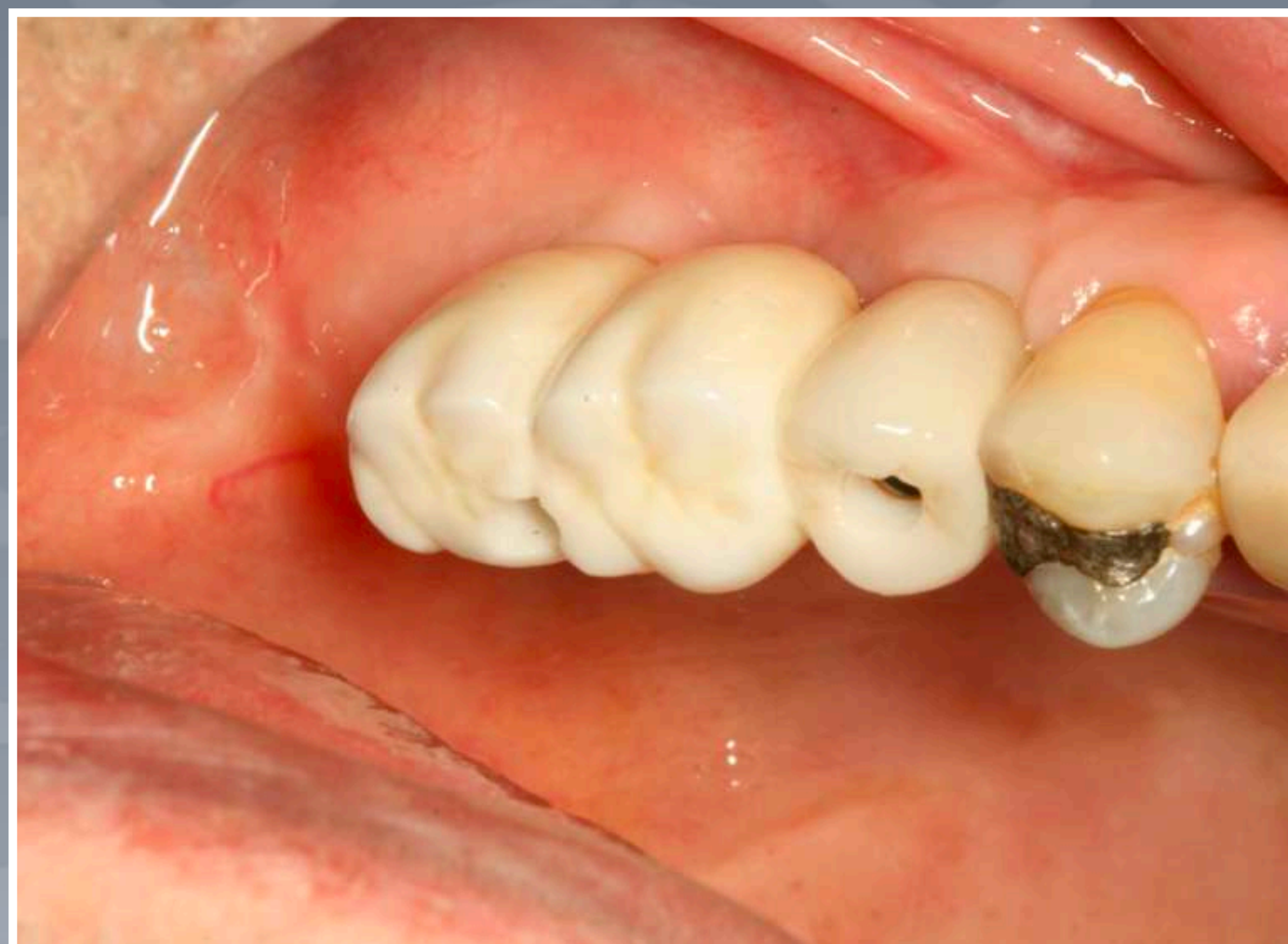
IS-II Active fixtures were placed.
 #15: IS-II Ø4.5 X 10mm
 #17: IS-II Ø5.0 X 10mm



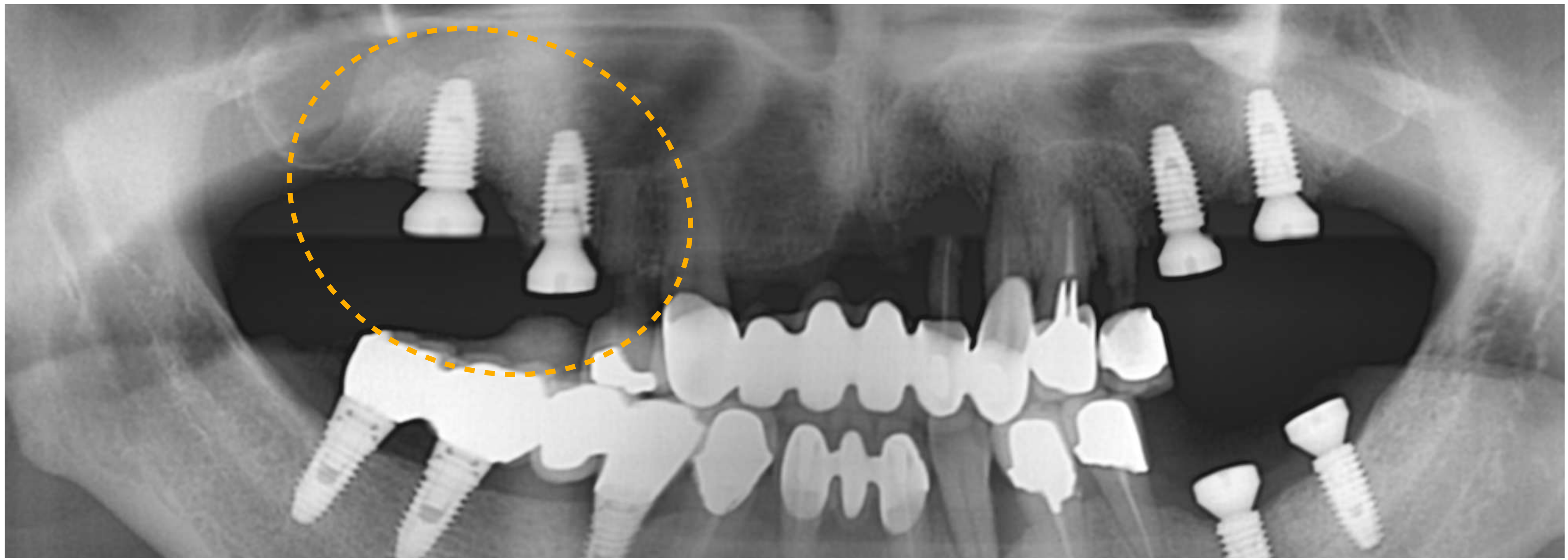
Both implants were placed in ideal position.



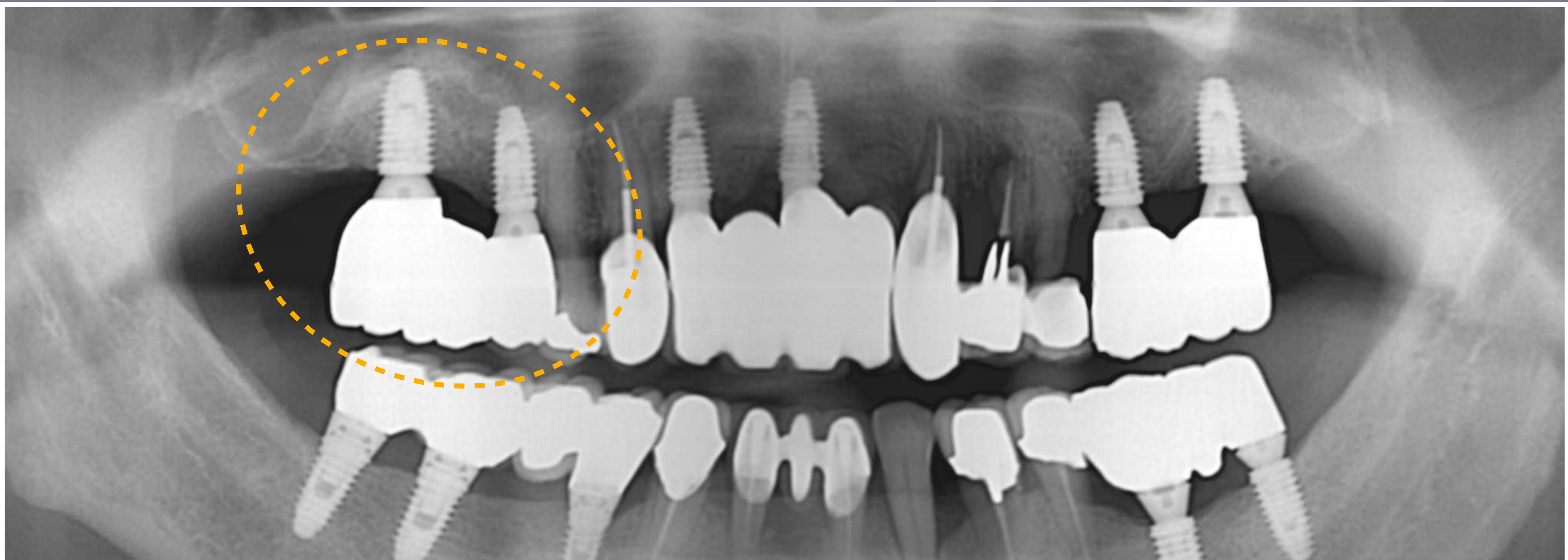
Healing abutments were connected.
 There were enough attachment gingiva around the healing abutments.



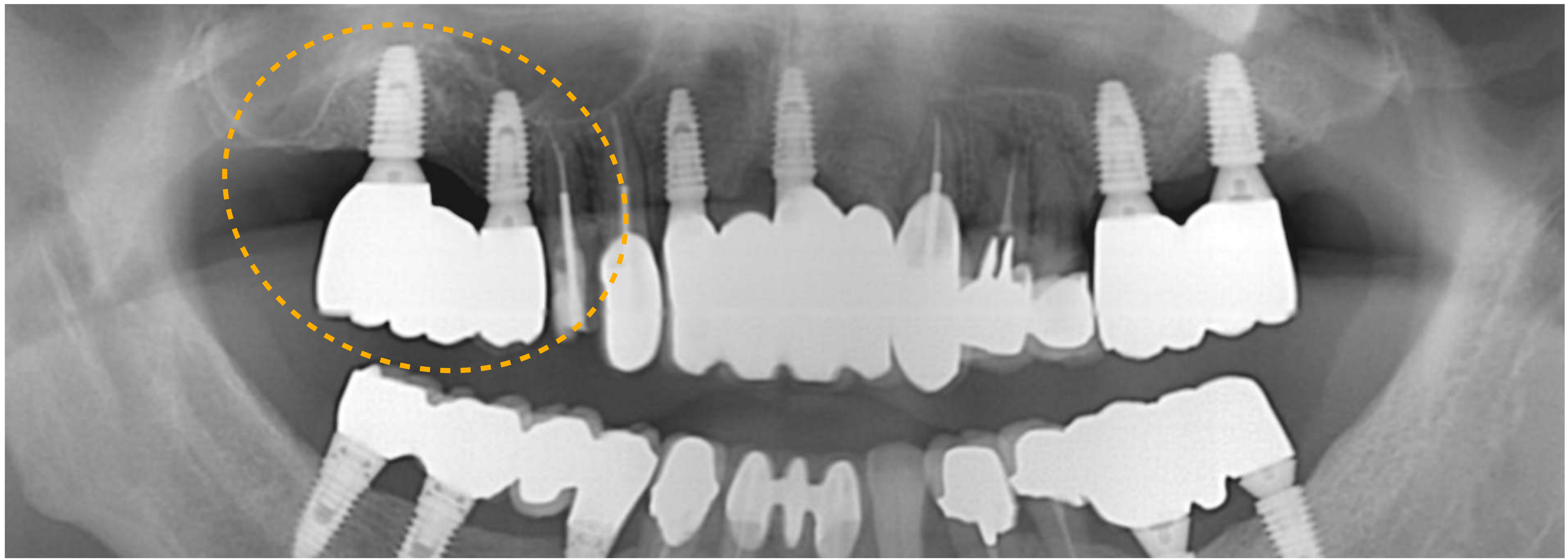
Buccal view after delivery of the prosthesis.



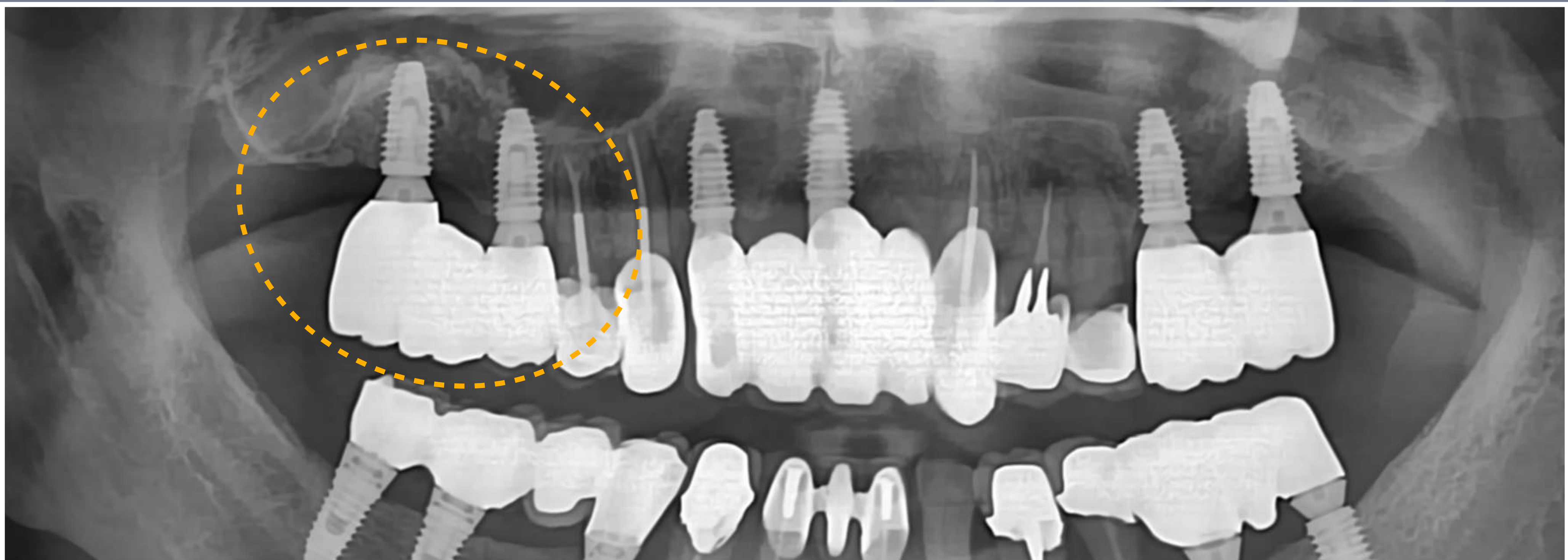
Panoramic radiograph after implant placement (Jul 20, 2012)



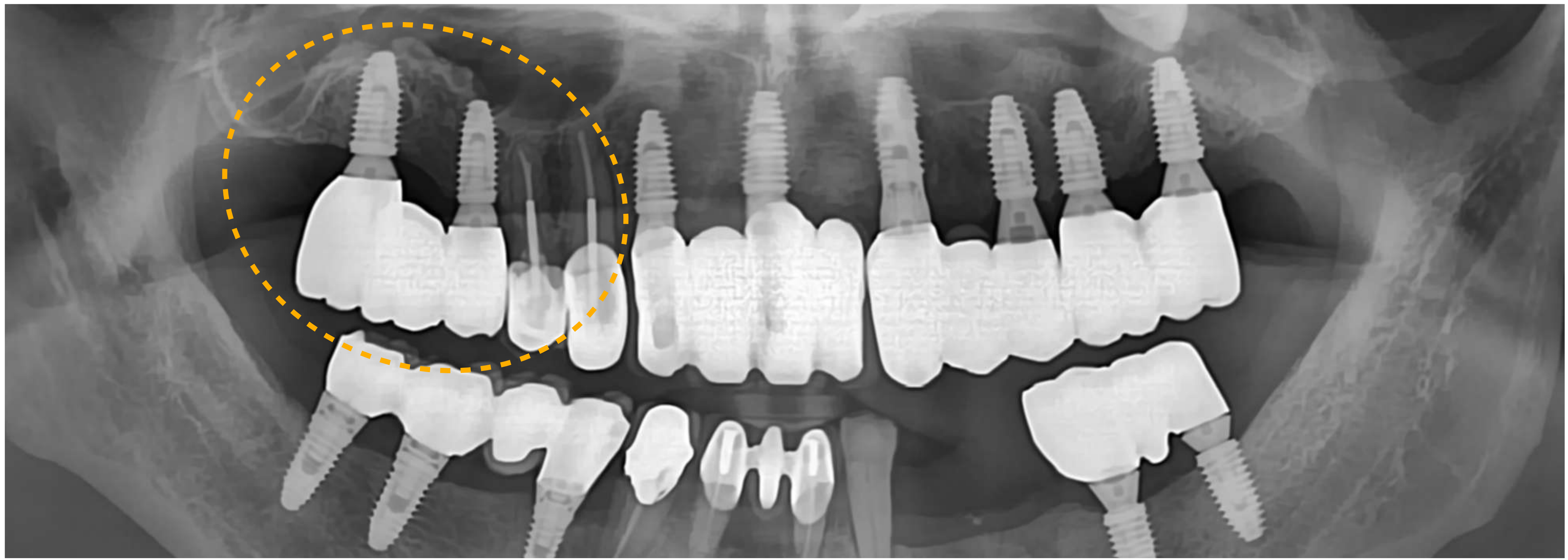
1 year F/U (Dec 04, 2013)



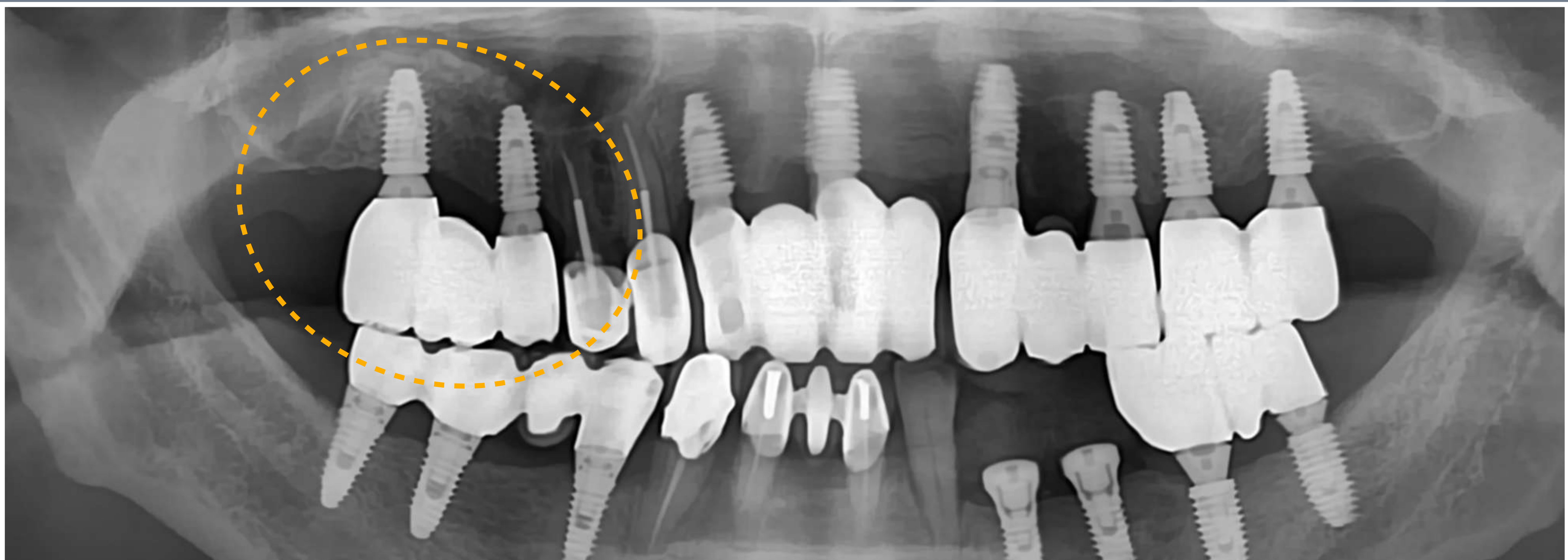
2 year F/U (Oct 24, 2014)



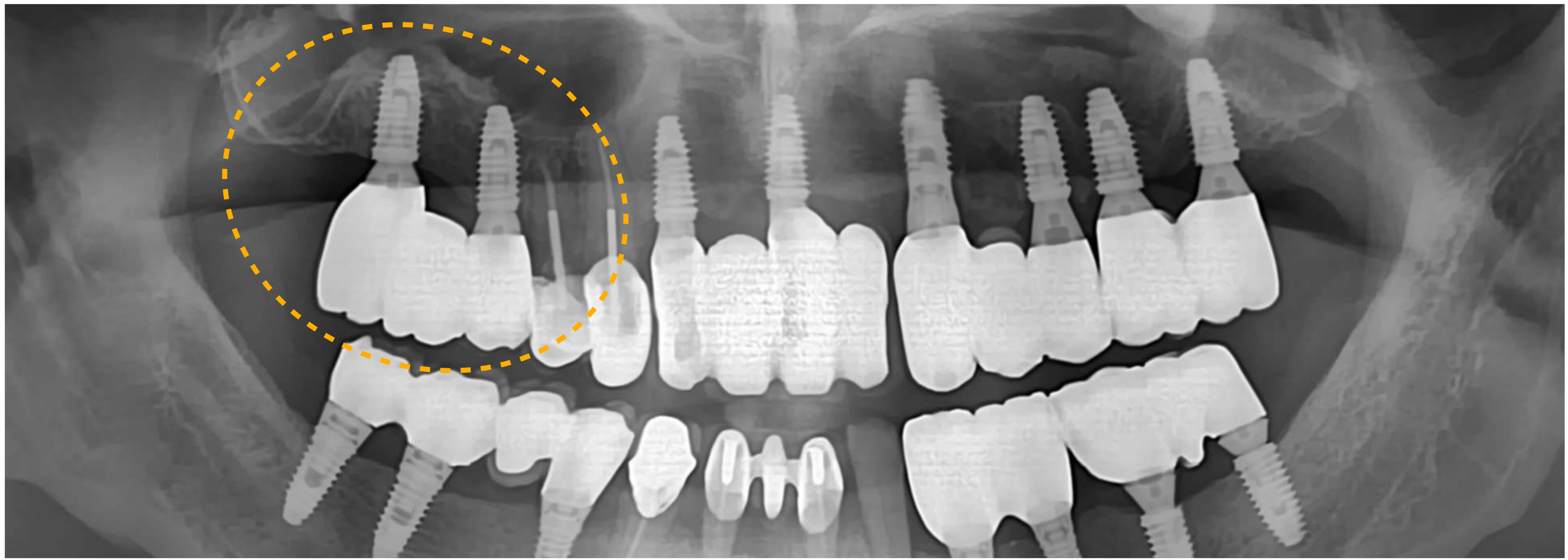
3 year F/U (Nov 04, 2015)



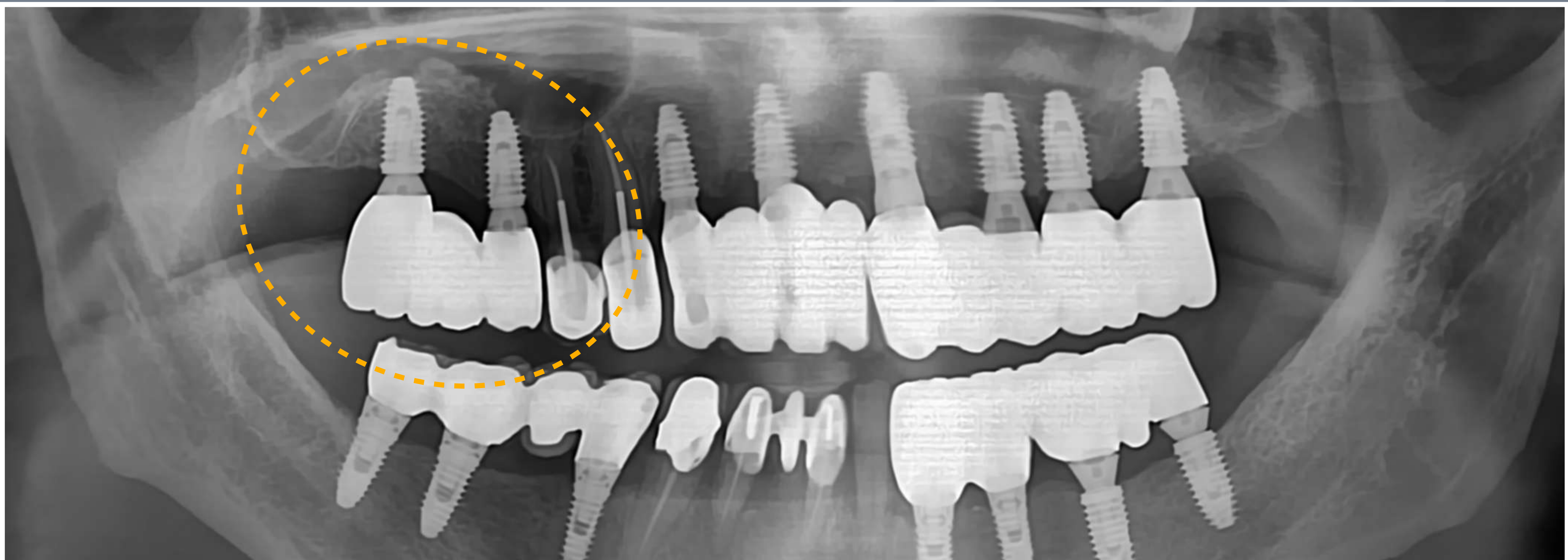
4 year F/U (Dec 02, 2016)



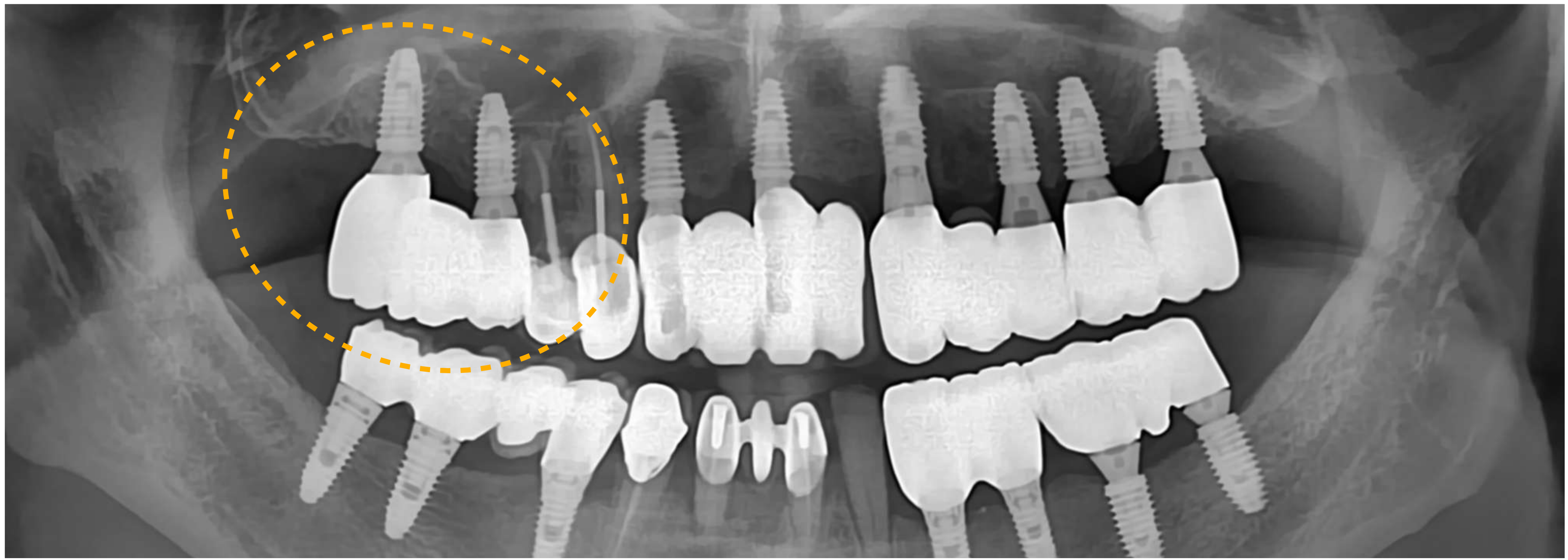
5 year F/U (Nov 29, 2017)



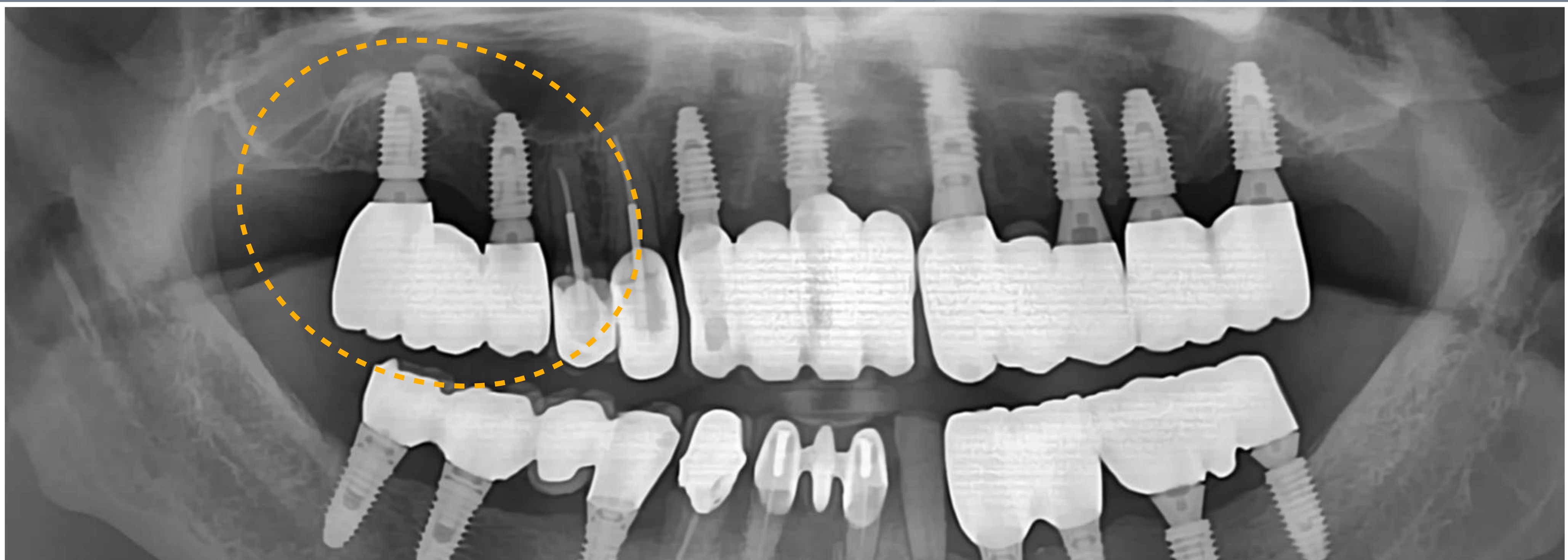
6 year F/U (Oct 22, 2018)



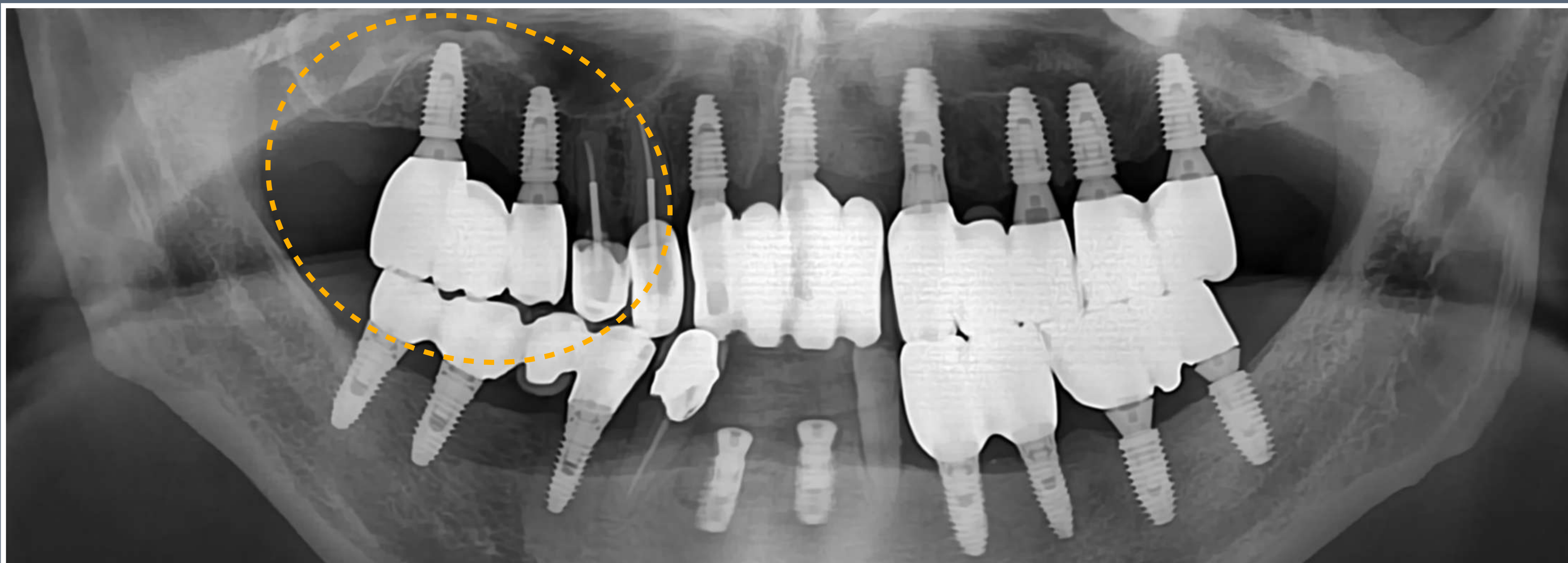
7 year F/U (Apr 22, 2019)



8 year F/U (Apr 22, 2020)



9 year F/U (May 14, 2021)



10 year follow-up (Sep 03, 2022)

There is no significant bone loss or changes compared to the radiographs taken in 2012 and clinically prostheses was stable.