

GH1:

A case of lower jaw. 4 extracted teeth produced 4ml of autogenous dentin to be grafted into sockets and augmenting the buccal plate.

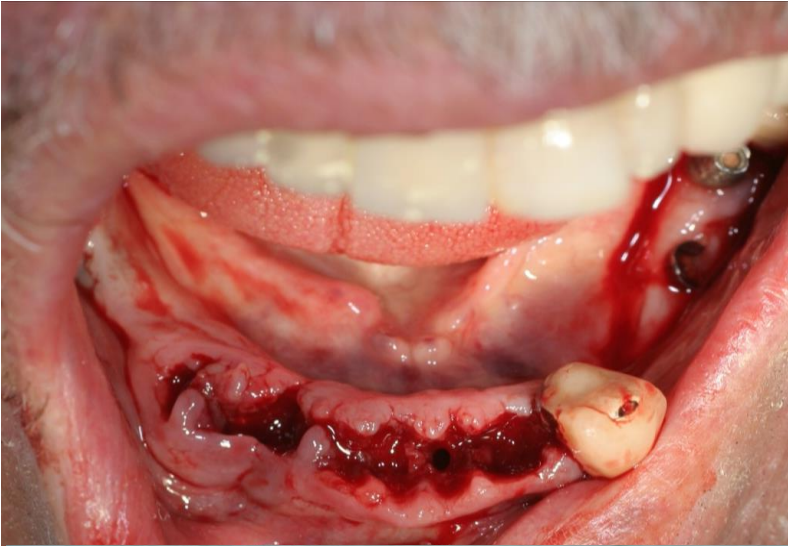
The implants were inserted in same session between the extracted sockets.

24 hours later an aesthetic temporary restoration was placed.

See: 5 month later the preserved bone level.

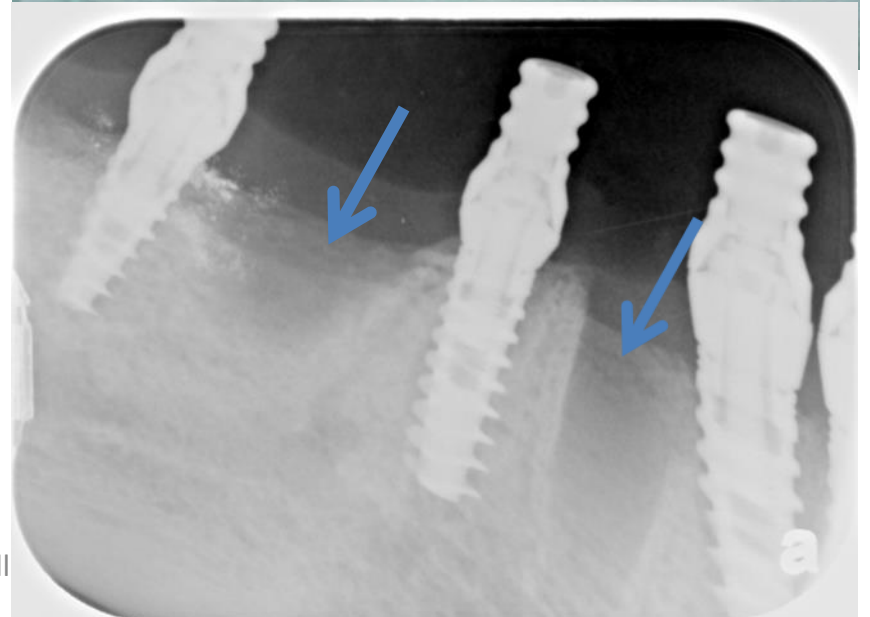
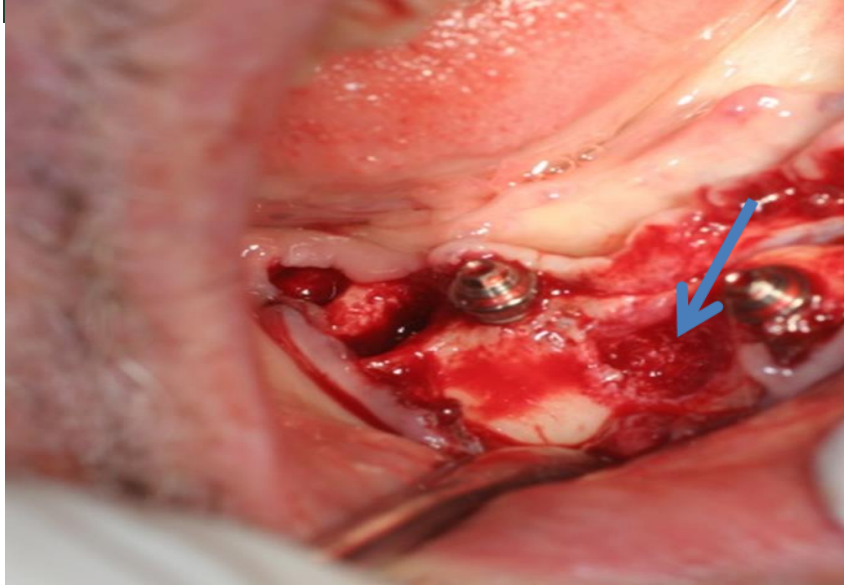
Case GH1

First step: extraction of teeth



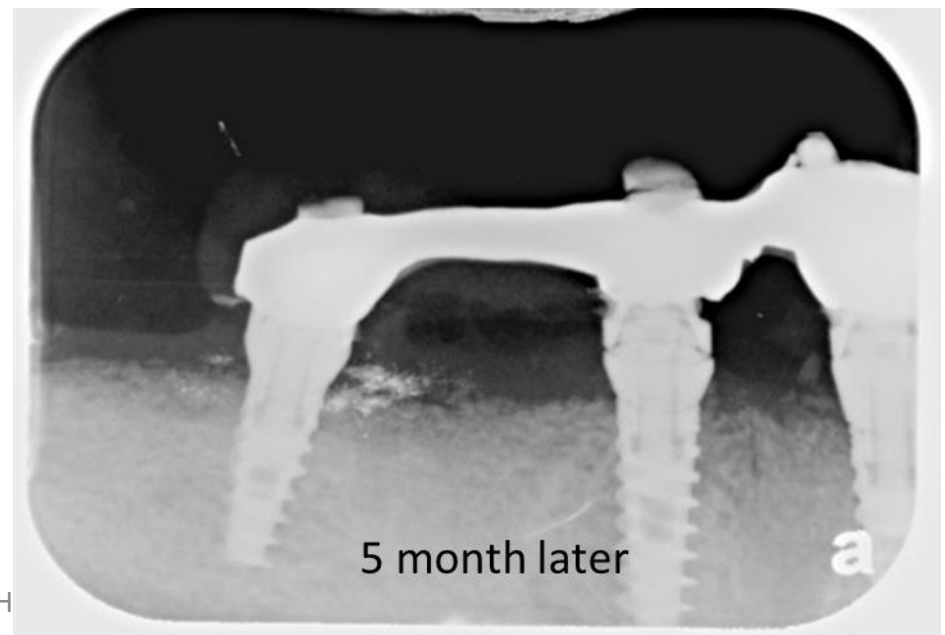
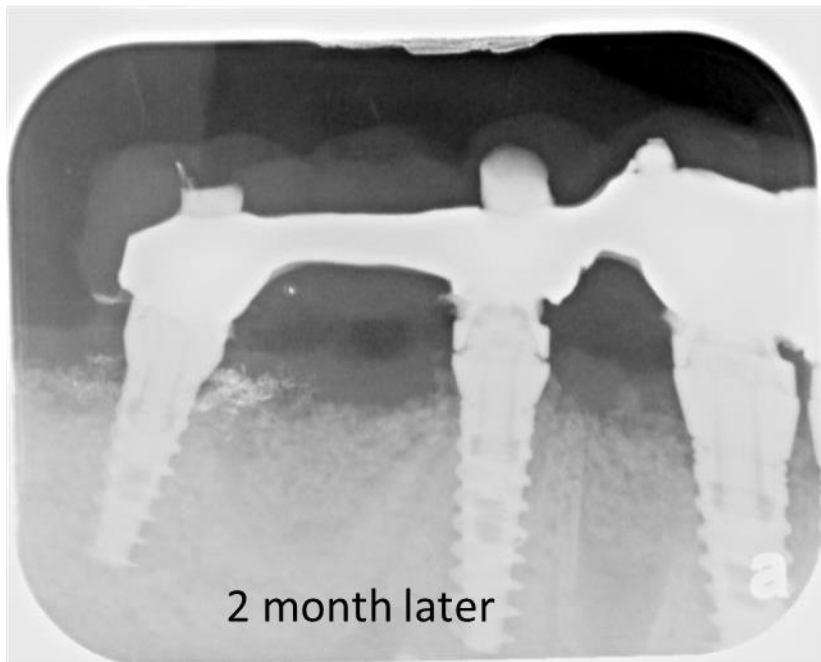
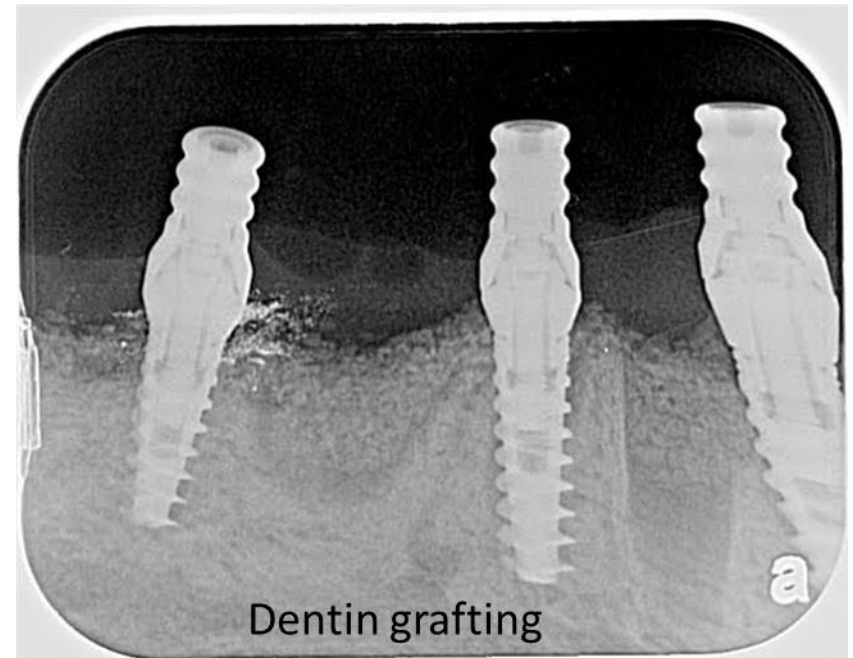
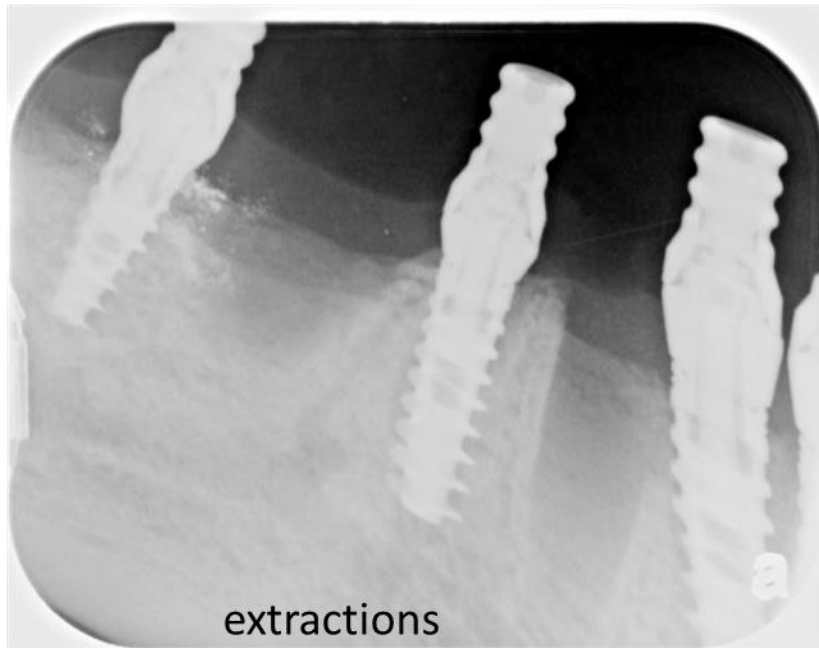
CaseGH1

PRF membrane & Liquid



Dr. Gidi Hallel case: extraction and 4 month follow up

Case GH1



24 hours post op. temporary restorations



CASE TB2:

Periodontally involved molars, on both sides of the lower jaw.

Rt.side: extraction of 2 molars but only one was w/o root canal filling and it was transformed into autogenous dentin graft, for 2 molars socket preservation and augmentation. See the quality of bone and ridge level 2 years later.

Lt. side: Here 3 molars were extracted but only one molar was transformed into dentin for grafting. This graft filled 3 sockets (grinding produces 2-3 times of tooth volume). See the ridge bone level after one year.

Teeth #47;48 have to be extracted Due to periodontal disease

Figure number 1:
sectional DPT with
teeth #47;48 before
treatment



CaseTB2

Tooth #47 is discarded as contraindicated
to grafting because of RCT



Tooth #48 is now cleaned and preparing for grafting
After processing of the tooth by our procedure

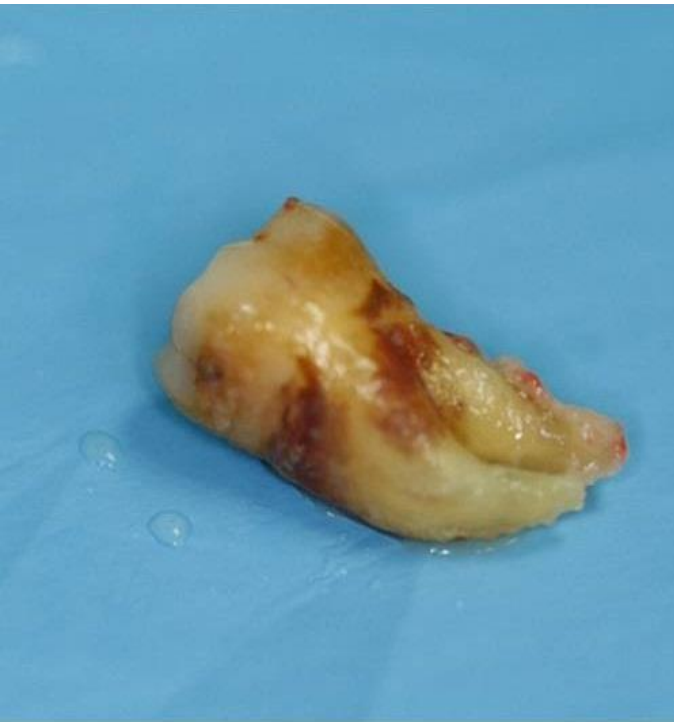


Figure number 2: the tooth
before mechanical cleaning



Figure number 3: the tooth after
mechanical cleaning

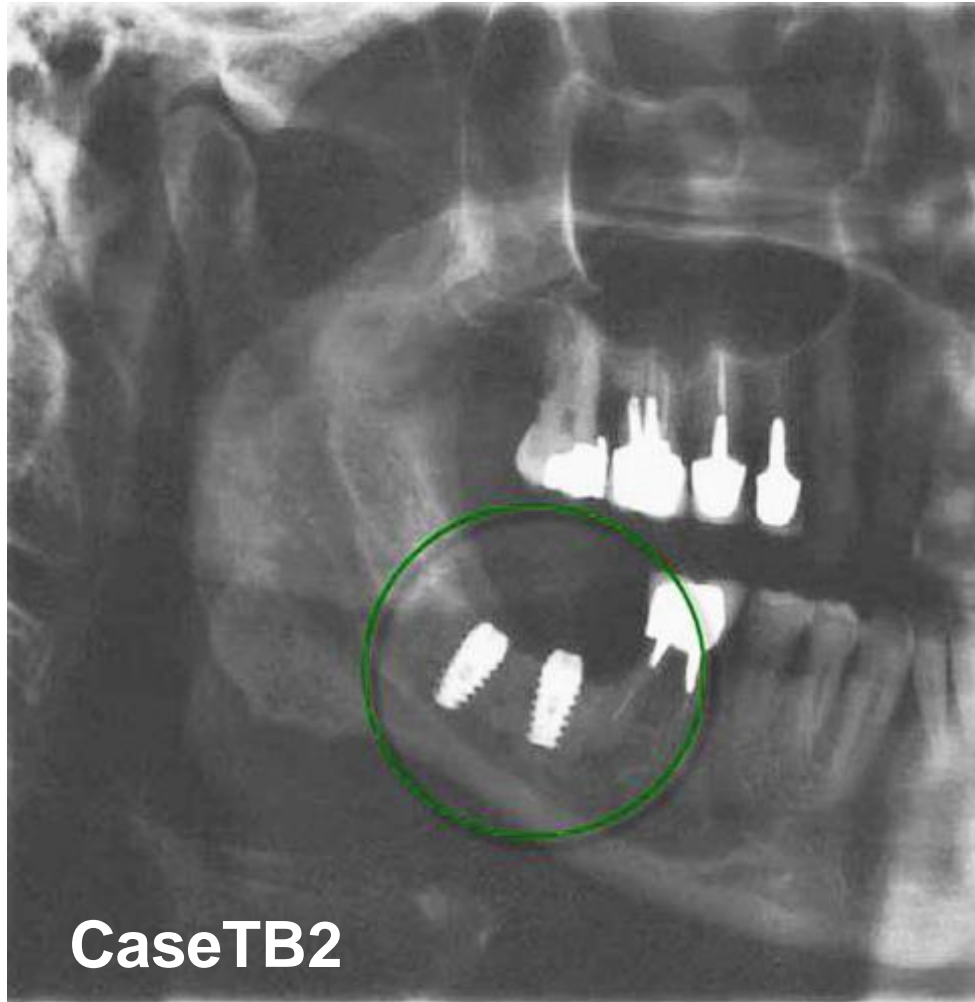
we get the ready graft at the
same session of extraction



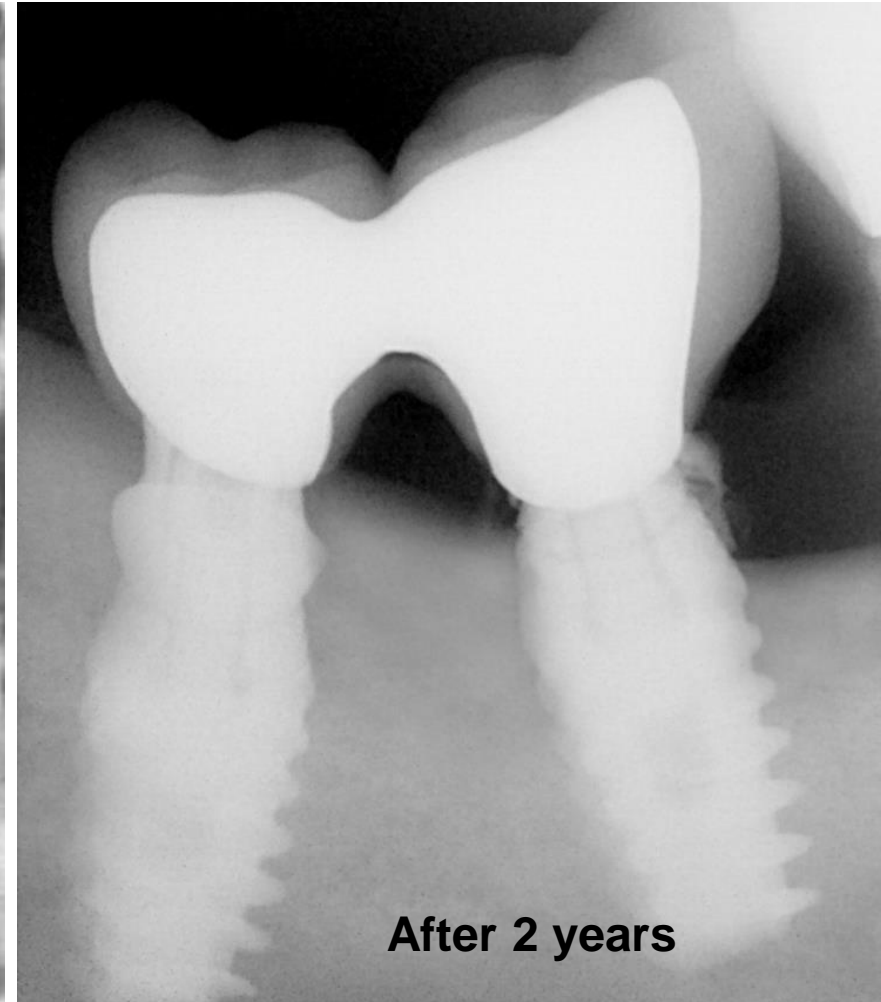
Figure number 4: ready
autogenic dentin graft.

The sockets were filled with dentin and PRF membrane was placed.

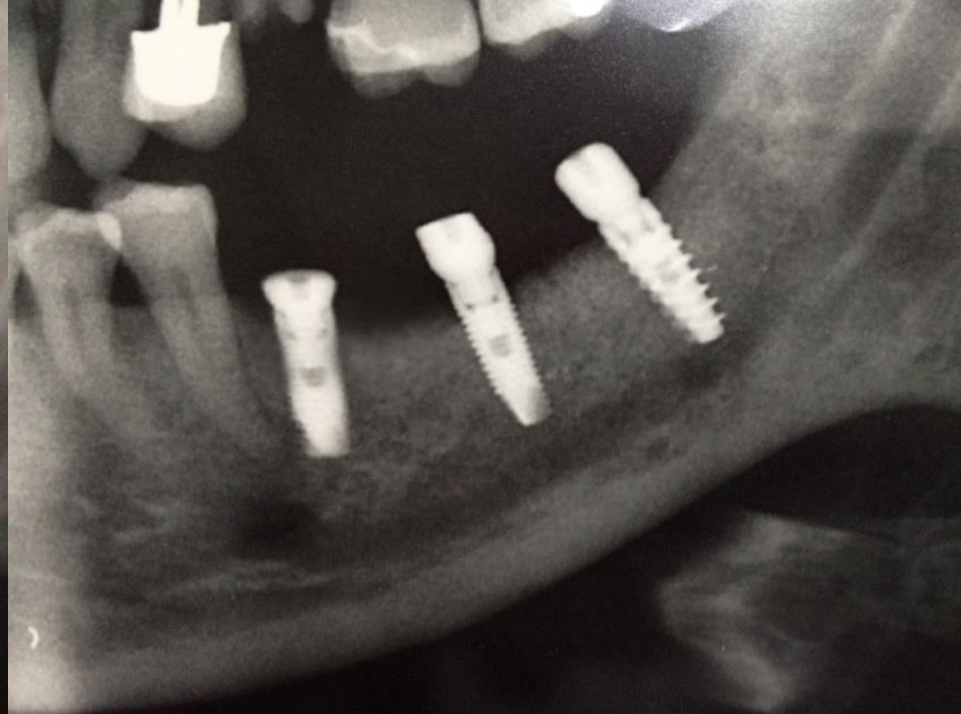
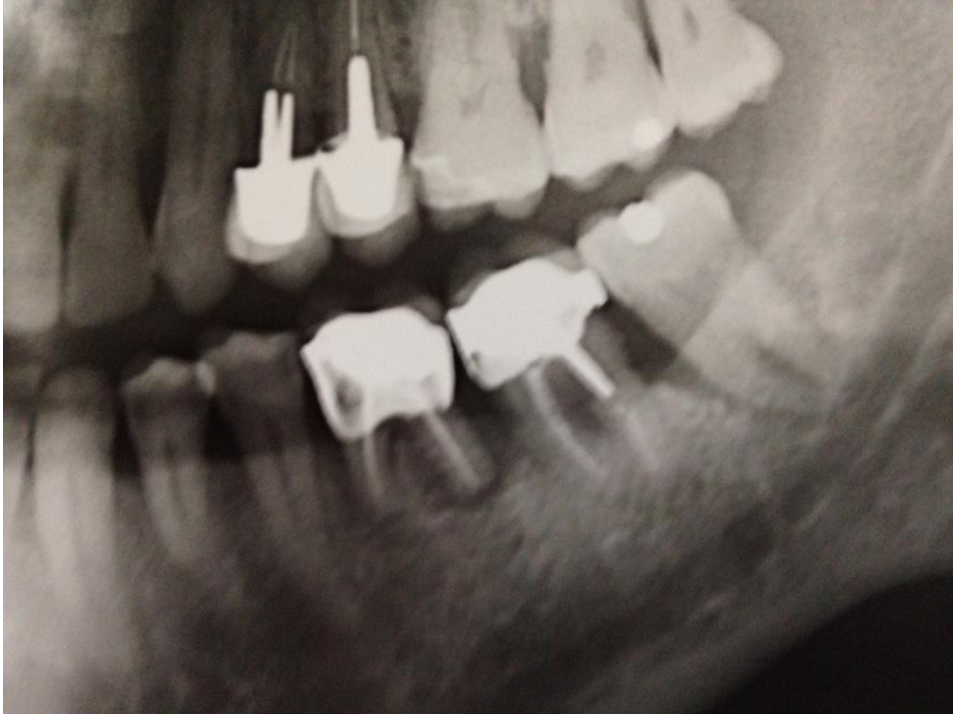
Implants were inserted 2 months after grafting.



CaseTB2

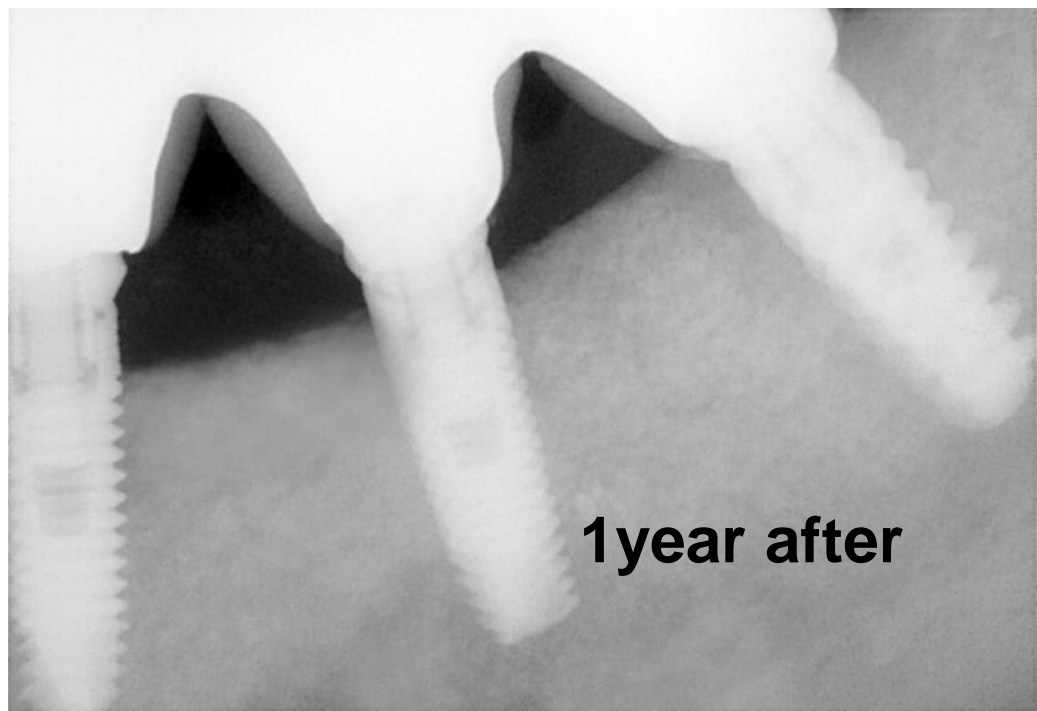


After 2 years



Only one molar is available for grafting. Since the volume of one molar equals to X3 particle volume, it was enough to graft 3 sockets.

CaseTB2 left side



CASE LS3:

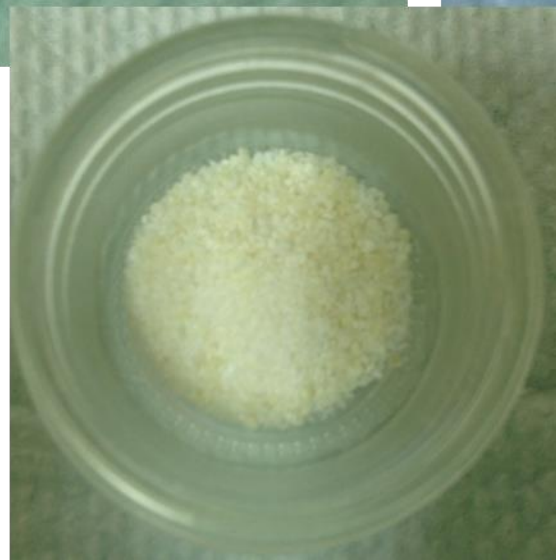
4 incisors became 4ml of
autogenous dentin during 15
minutes after extraction!!!
WOOO....

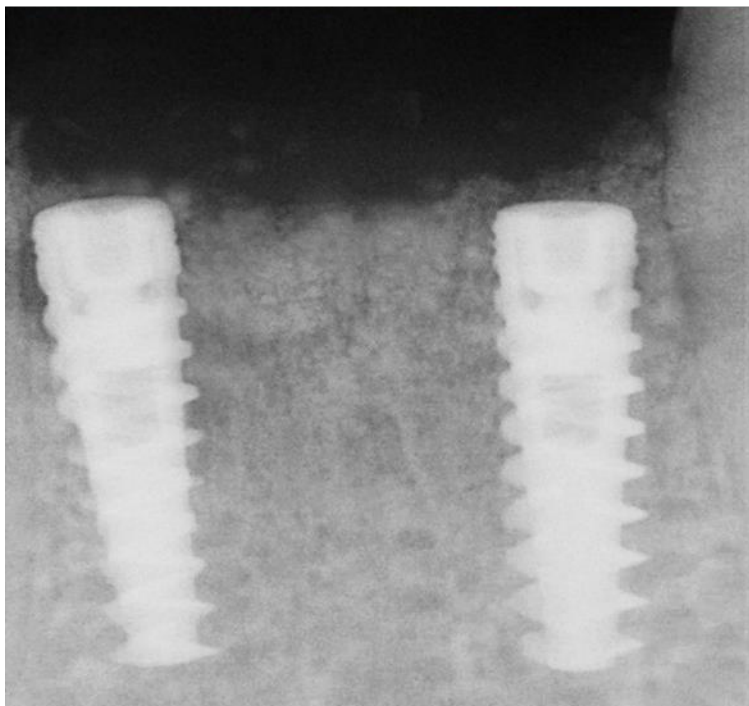
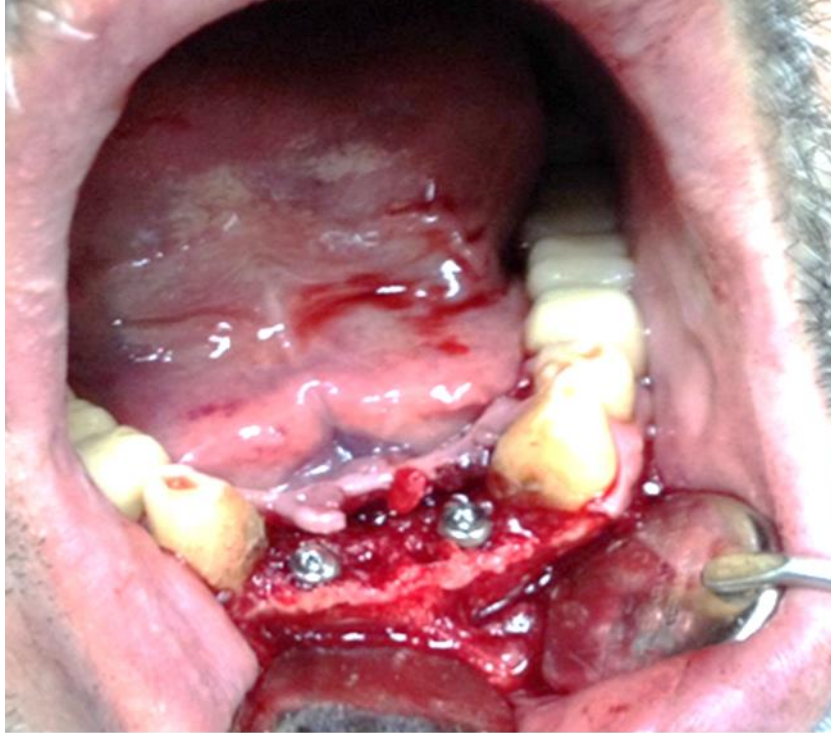
Extracted teeth are prepared by dental assistant during the session of the surgery (the crown part of the teeth is intact).



Case LS3

 **KometaBio**
Tissue Engineering





*Two implants have been placed through the sockets . Surgical site was augmented by **autologous dentin graft**. The surgical site was closed by PRF and a released flap.*

Case LS3

CASE LS4

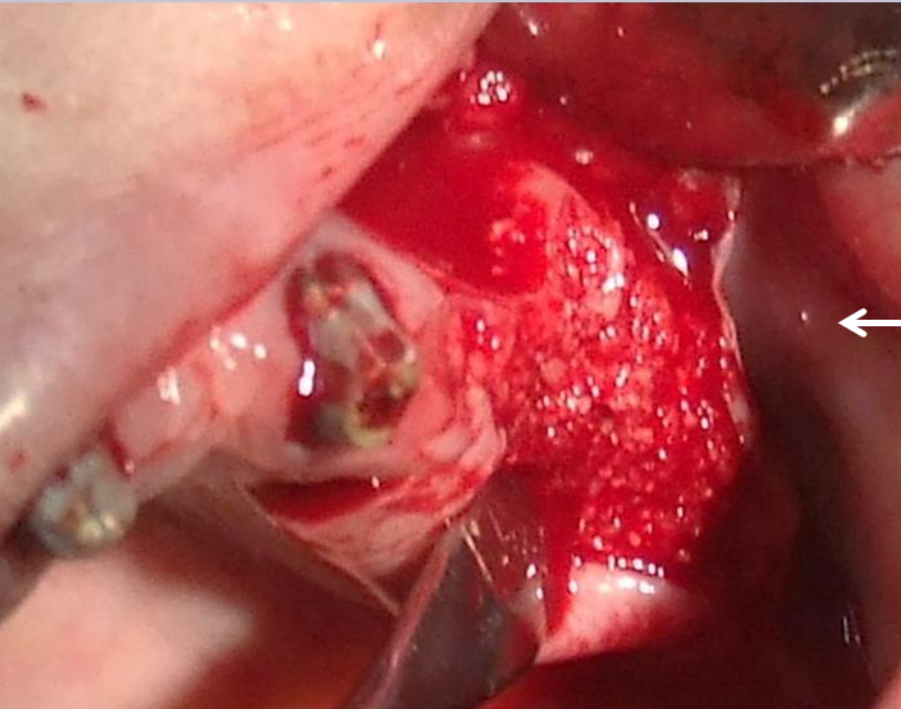
Step 1: Extraction of tooth results with perforation of maxillary sinus.

Step 2: Clean of extracted tooth, grinding and cleansing.

Step 3: Grafting of bacteria free autogenous dentin, including grafting into sinus.

Step 4: Closing by PRF membrane and sutures.

Case grafting in sinus

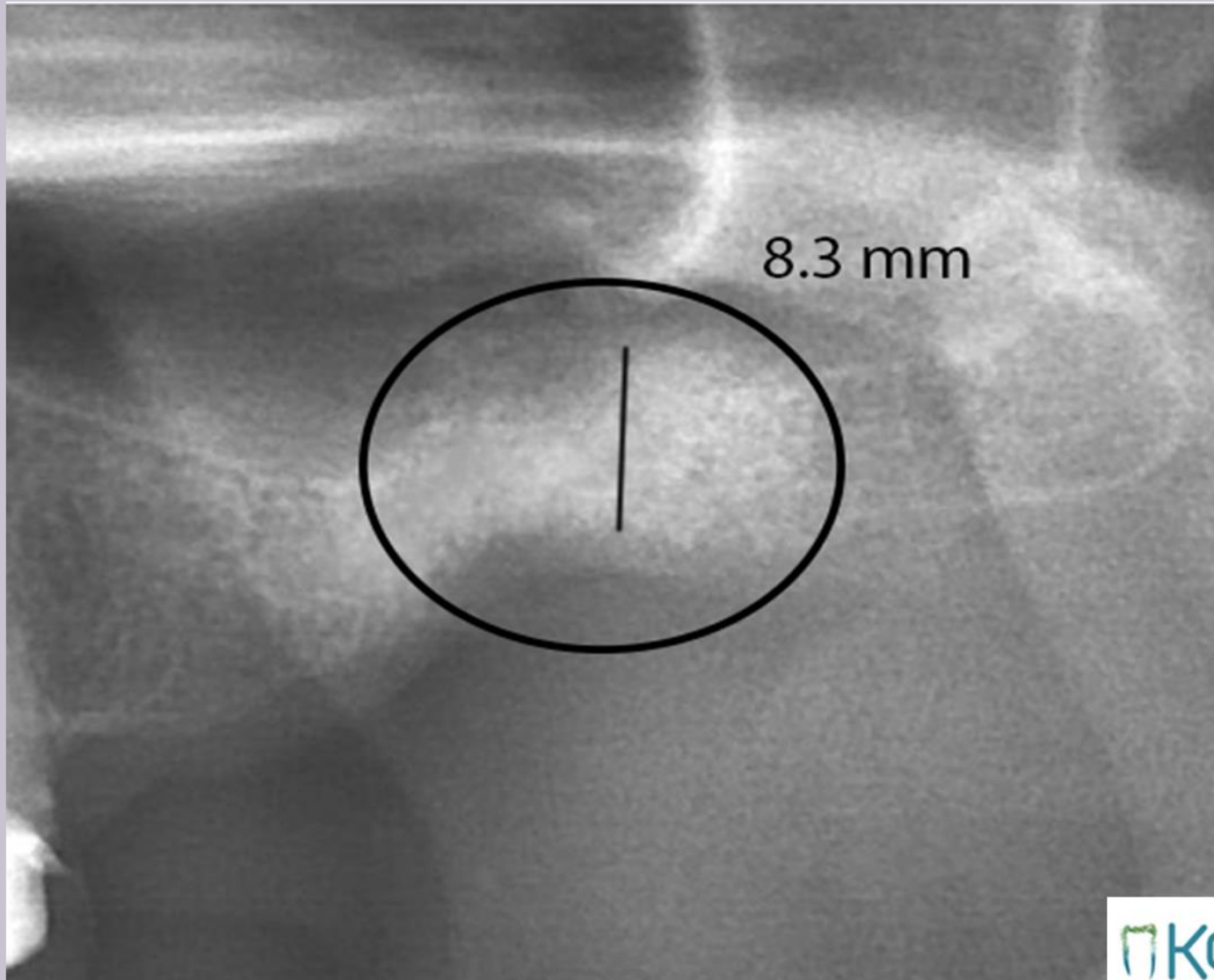


Tooth No.26,
from diagnosis
to dentin grafting

Case LS4



2 month after grafting of dentin



Case LS4

Implants in Dentin-Bone structure



Case LS4