

Full arch Implantation On severely resorbed Narrow ridge

Dr. SM Chung
2022.07.01 (Fri)



Patient Information

Age : 62

Sex : Female

Chief Complaint

: I lost a lot of teeth

So I want to get implant treatment



Past Dental History

: Missing of #16,27,34,35,36,46,48 (after 2006)

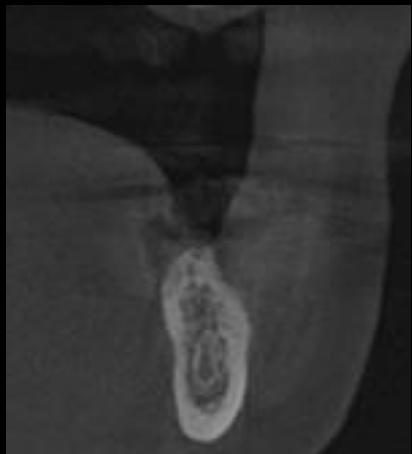
Past Medical History

: Large intestine cancer

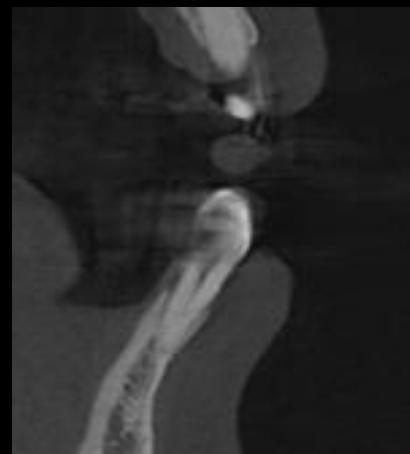
Pre-op (2022-05-16)



Pre-op (2022-05-23)



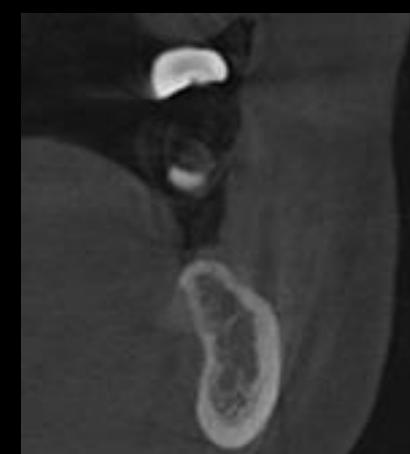
#47



#43



#41



#35



#37

Pre-op

Pre-op (2022-05-23)



Pre-op (2022-05-23)



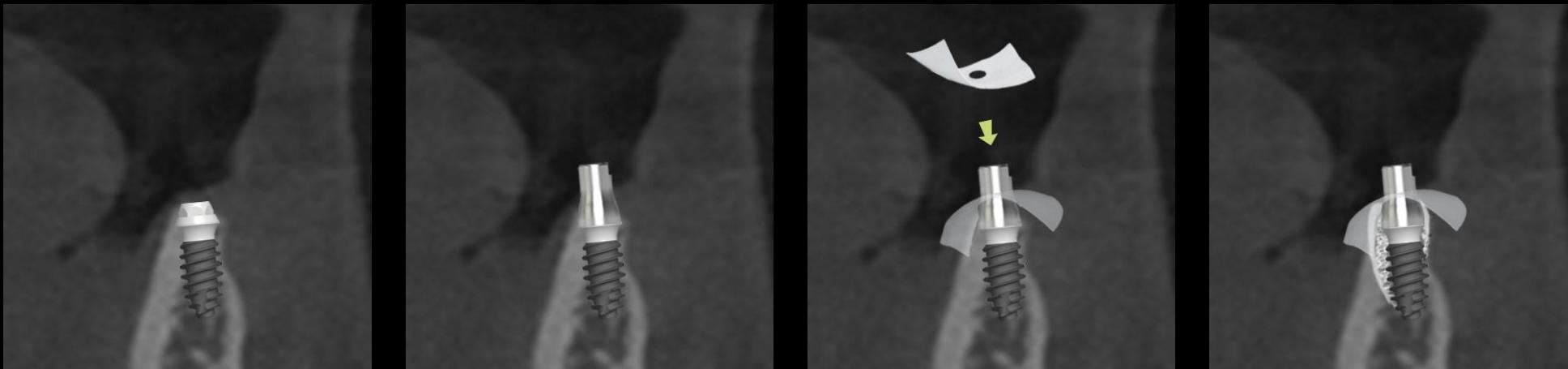
Surgery Plan (#47,43,41,35,37)



- Extraction of #46,43,41,31,32,35
- Implantation on #35,37,41,43,47 using **bright Tissue Level**

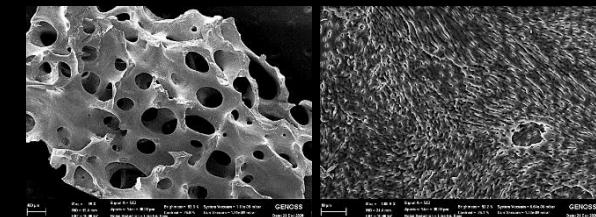
Surgery Plan (#41,35)

- #41,35 extraction and bone graft for socket preservation
- Using Collagen Membrane 2, Osteon™ Xeno, Osteon™ 3 Collagen



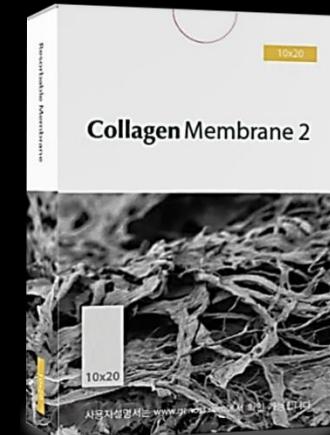
OSTEON™ Xeno

- Natural bovine grafting material with osteoconductivity
- Highly interconnected porous structures similar to human bones
- Complete removal of organic substances



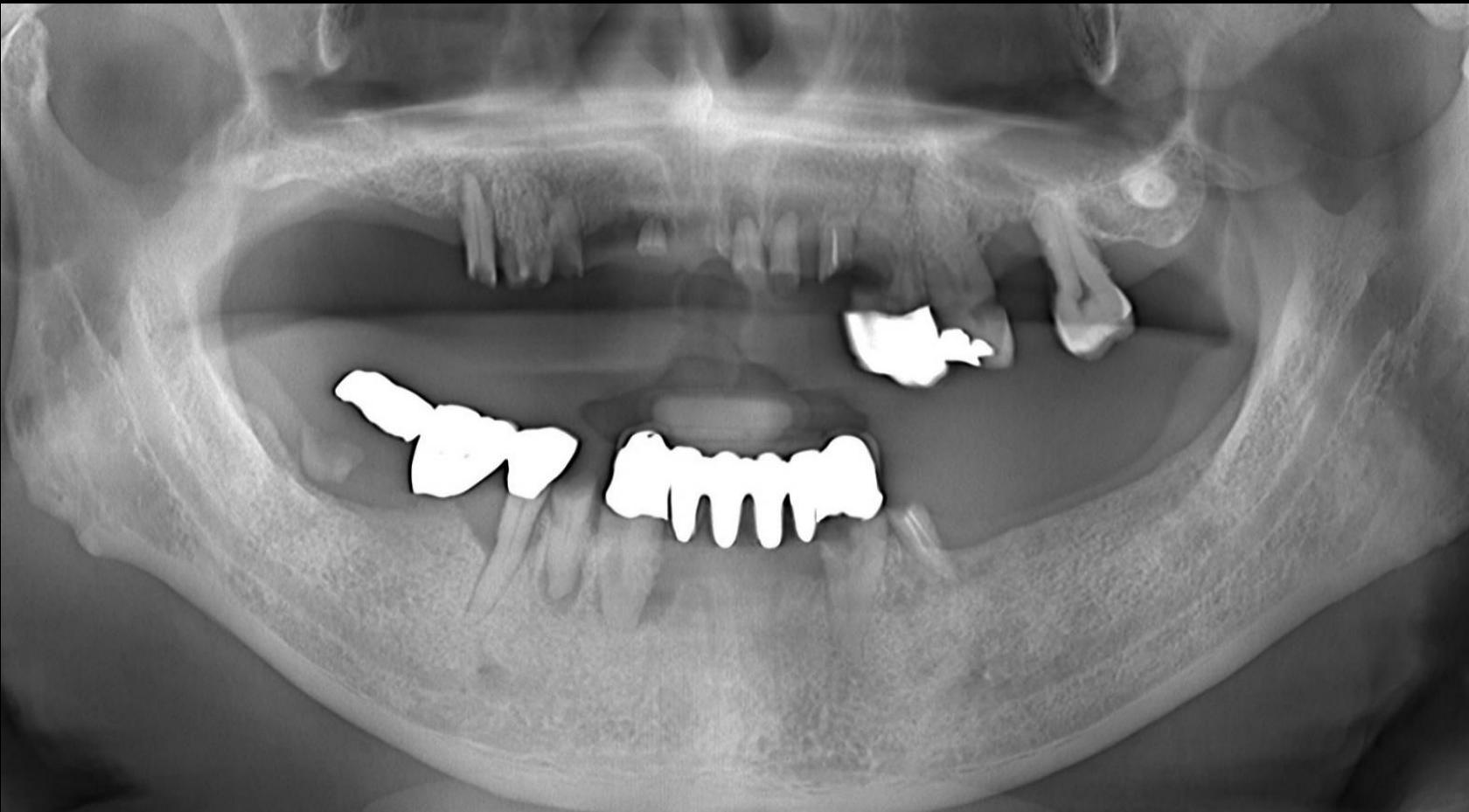
Collagen Membrane 2

- Faster wetting and Easier manipulation, Pin-friendly (tear-resistant)
- Resorbable barrier membrane for GBR
- Long-term stability over 6 months
- Multi-layered microstructure



Similar case 1

Guided bone regeneration on Posterior area



Pre-op

Similar case 1

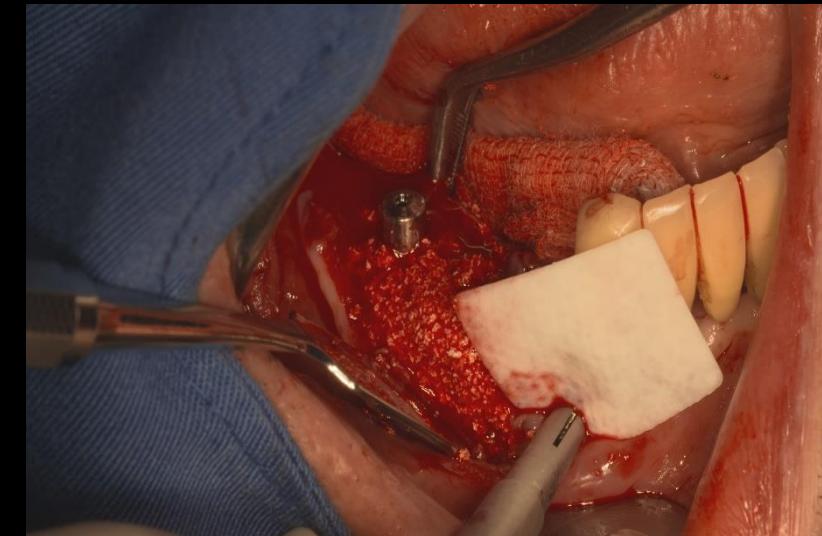
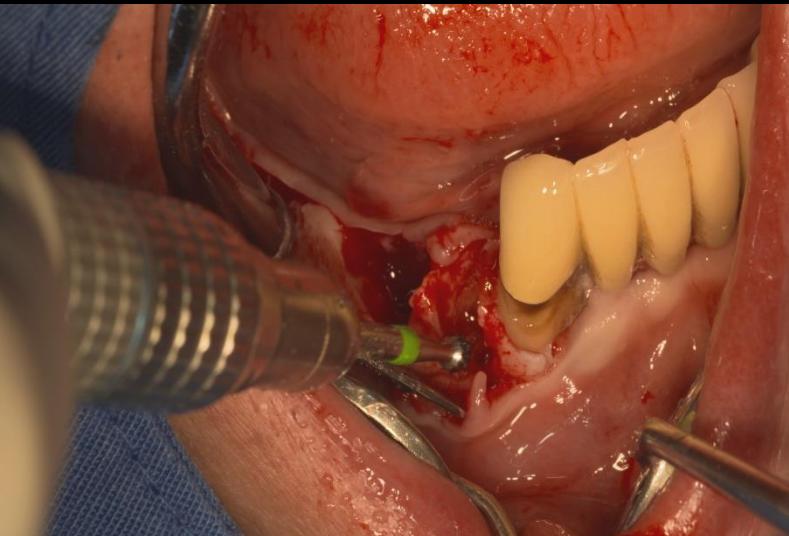
Guided bone regeneration on Posterior area



Pre-op

Similar case 1

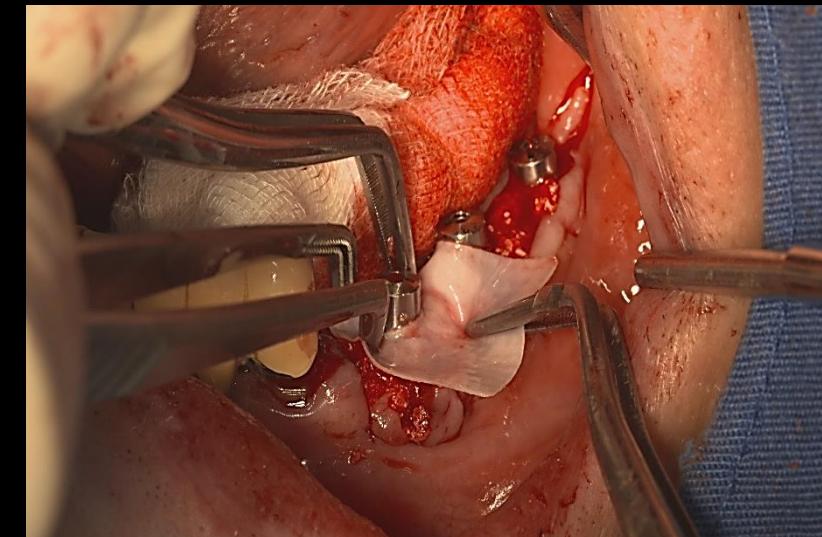
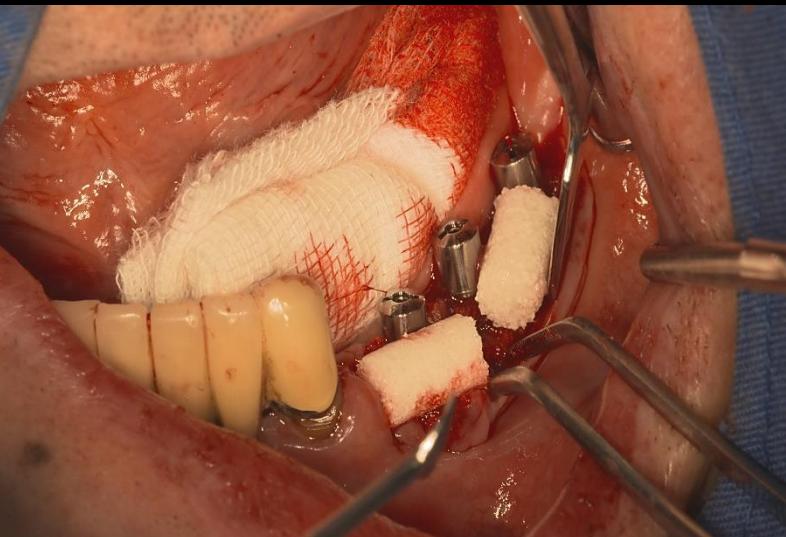
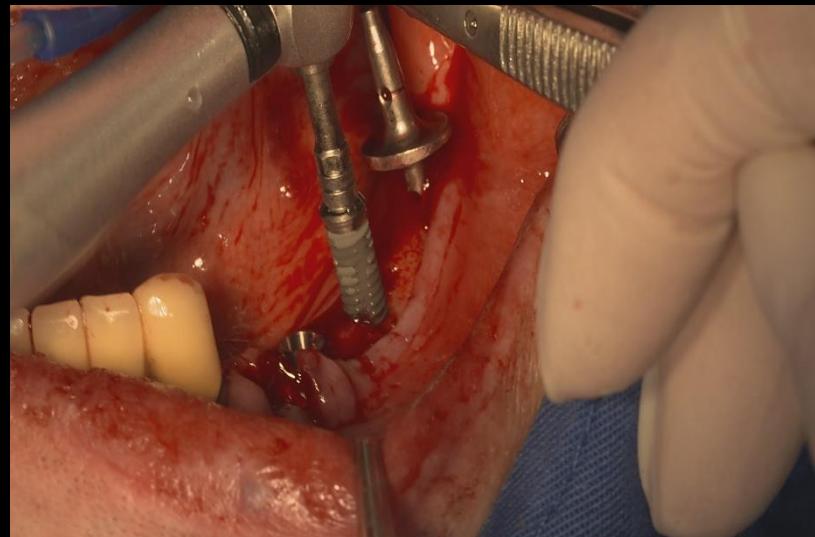
Guided bone regeneration on Posterior area



Surgery

Similar case 1

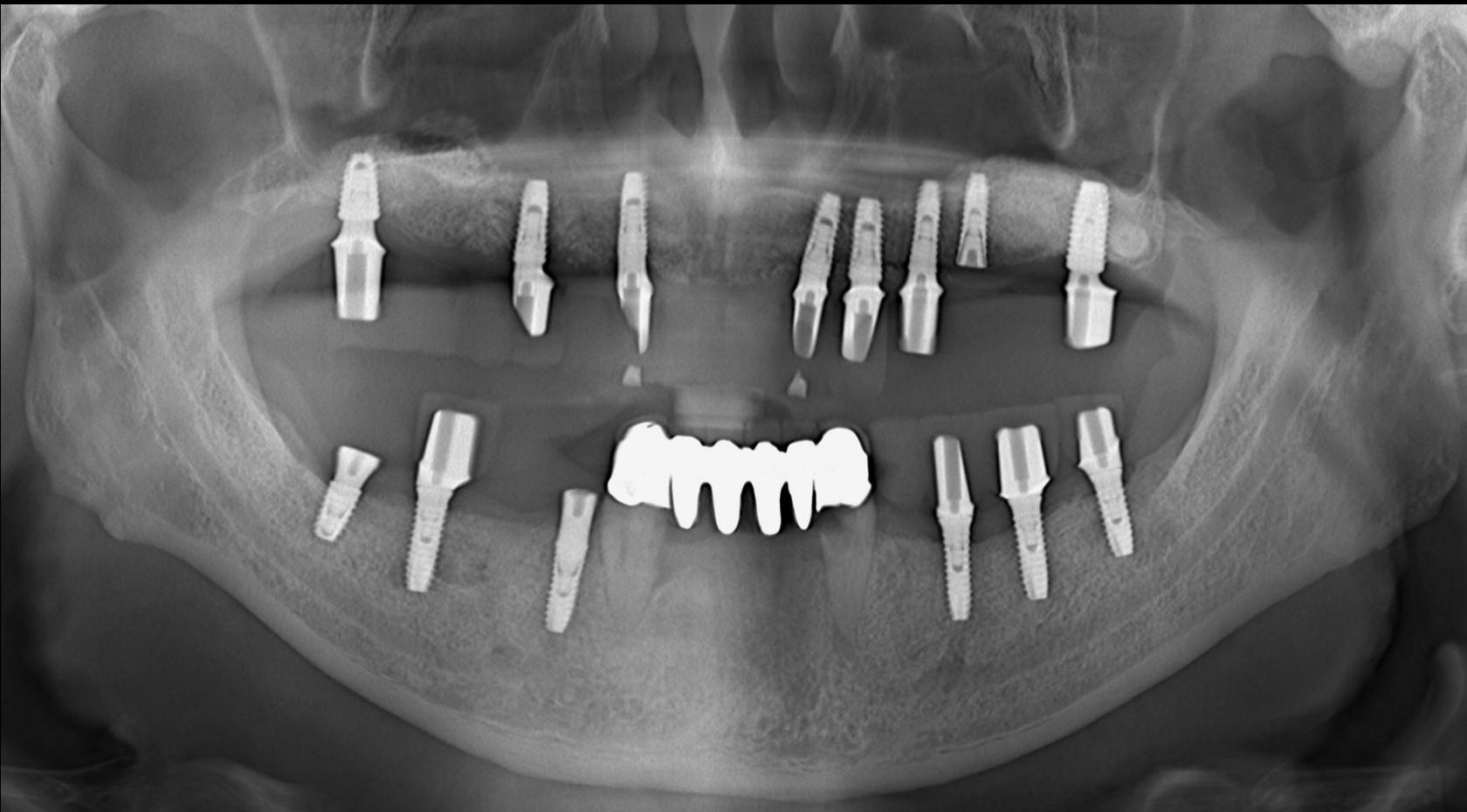
Guided bone regeneration on Posterior area



Surgery

Similar case 1

Guided bone regeneration on Posterior area



Post-op

Similar case 1

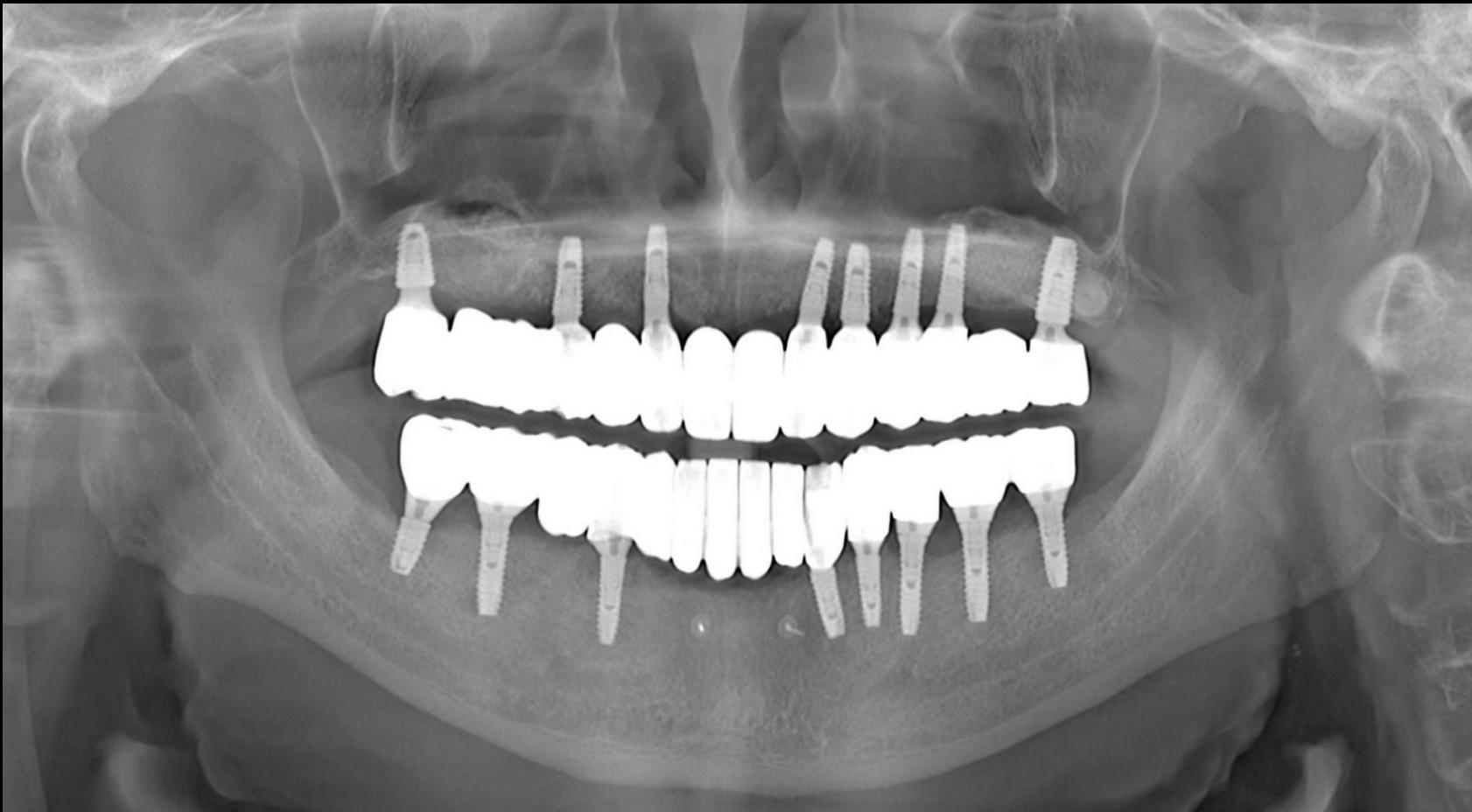
Guided bone regeneration on Posterior area



Provisional restoration

Similar case 1

Guided bone regeneration on Posterior area



Final prosthesis

Similar case 1

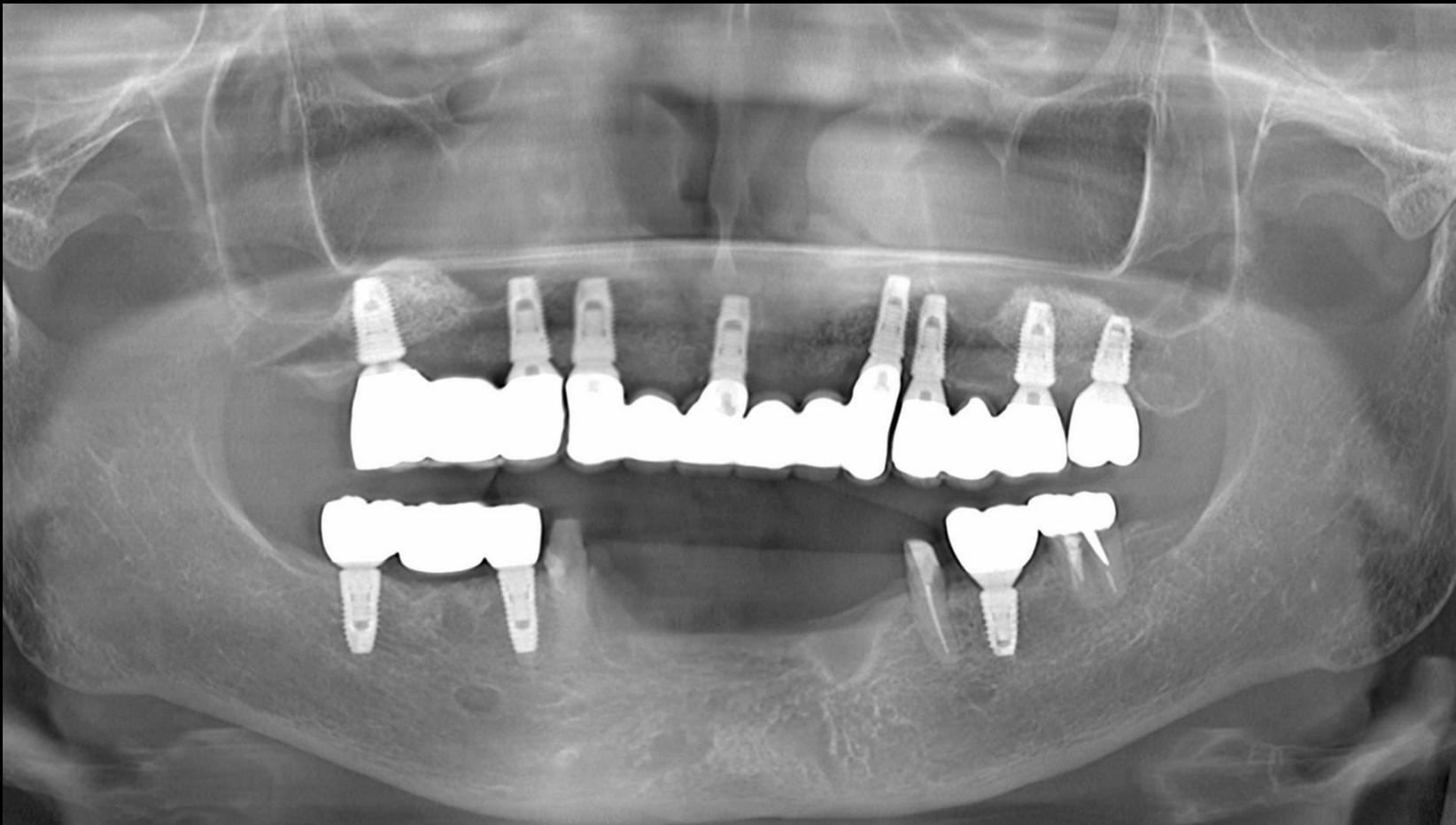
Guided bone regeneration on Posterior area



Final prosthesis

Similar case 2

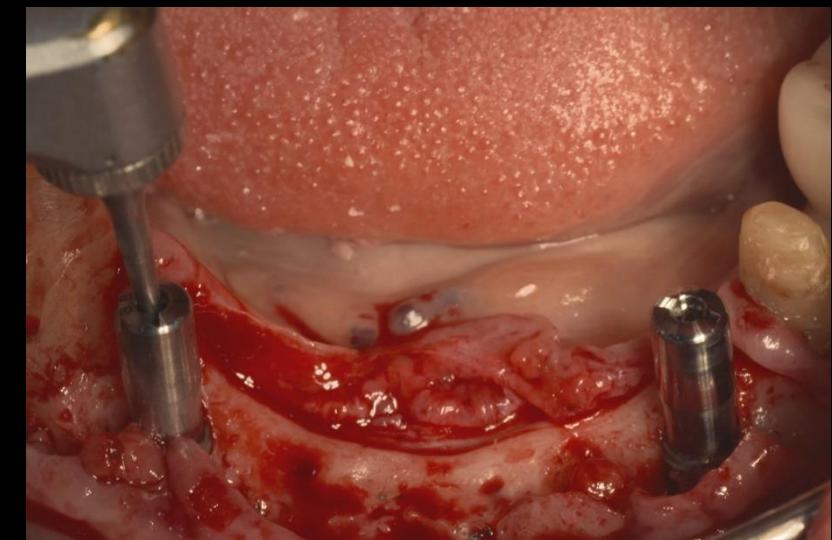
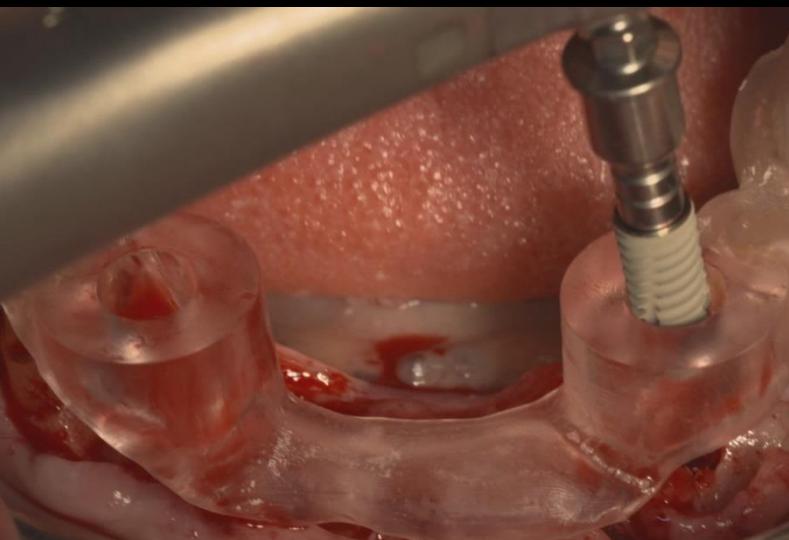
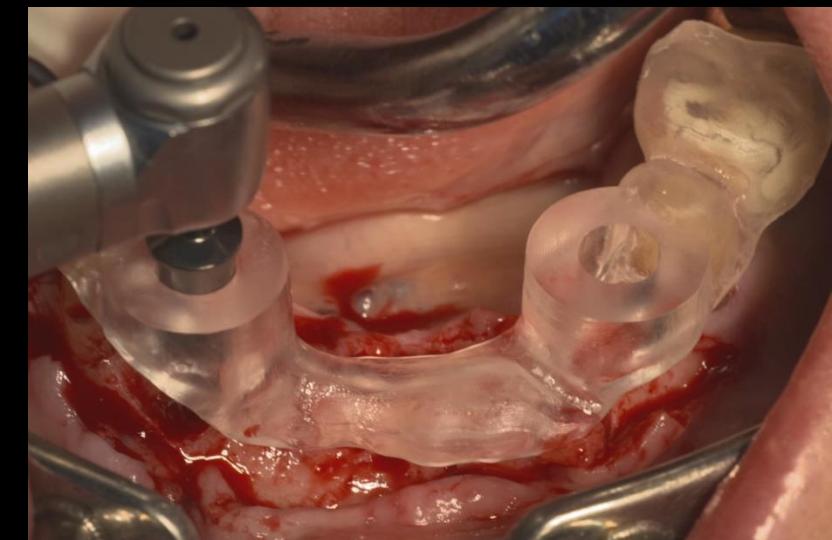
Vertical augmentation in Lower anterior



Pre-op

Similar case 2

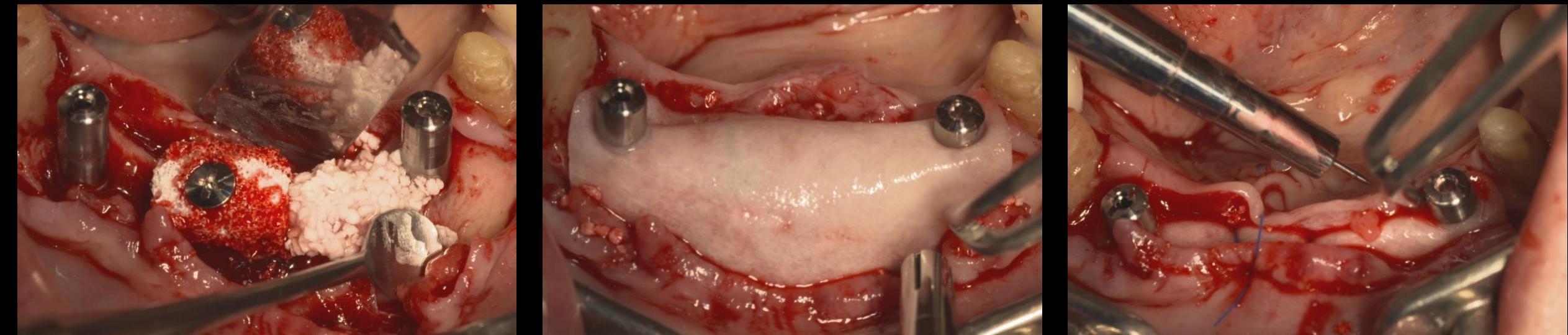
Vertical augmentation in Lower anterior



Surgery

Similar case 2

Vertical augmentation in Lower anterior



Surgery

Similar case 1

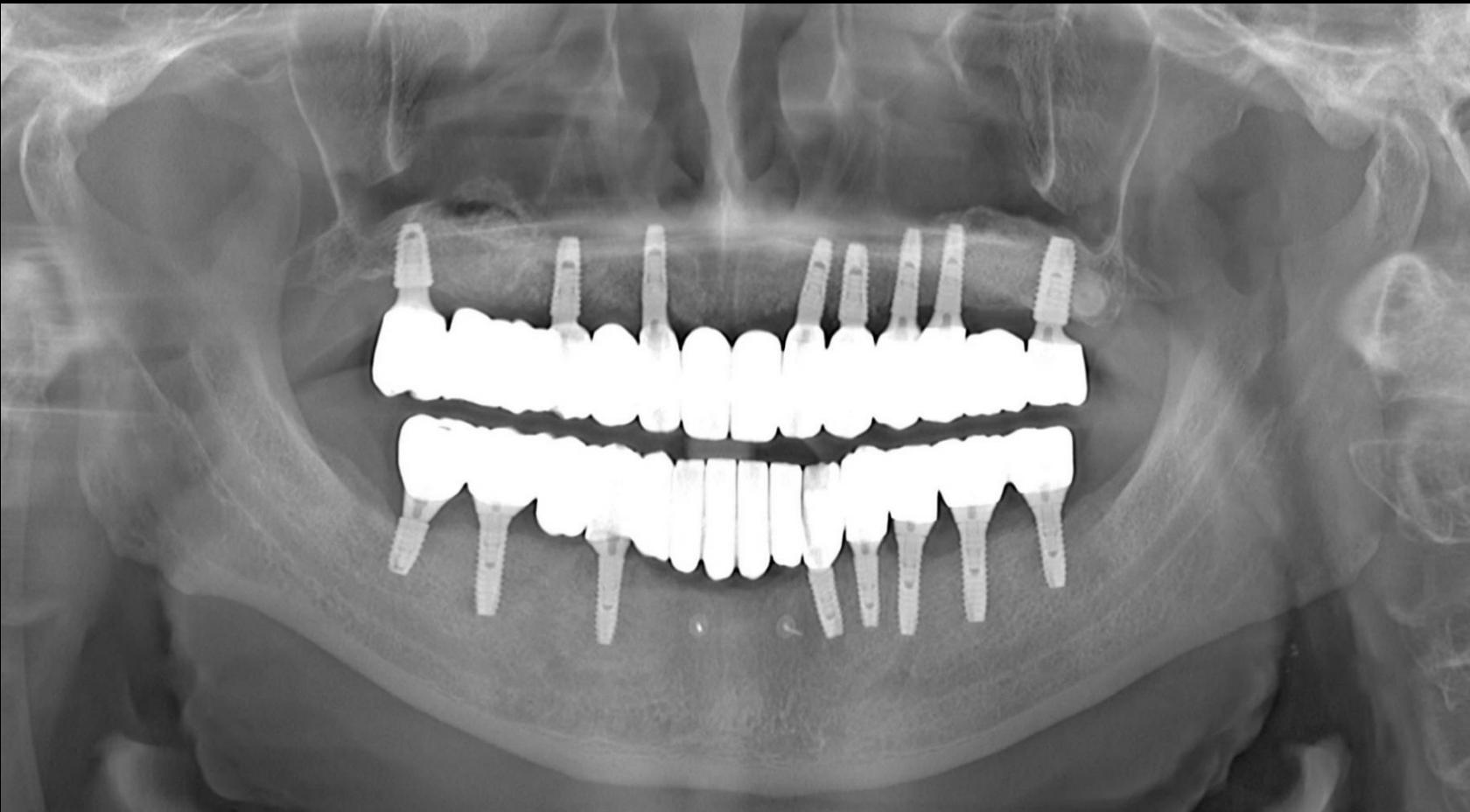
Vertical augmentation in Lower anterior



Provisional restoration

Similar case 1

→ Vertical augmentation in Lower anterior



Final prosthesis

Similar case 1

Vertical augmentation in Lower anterior



Final prosthesis

