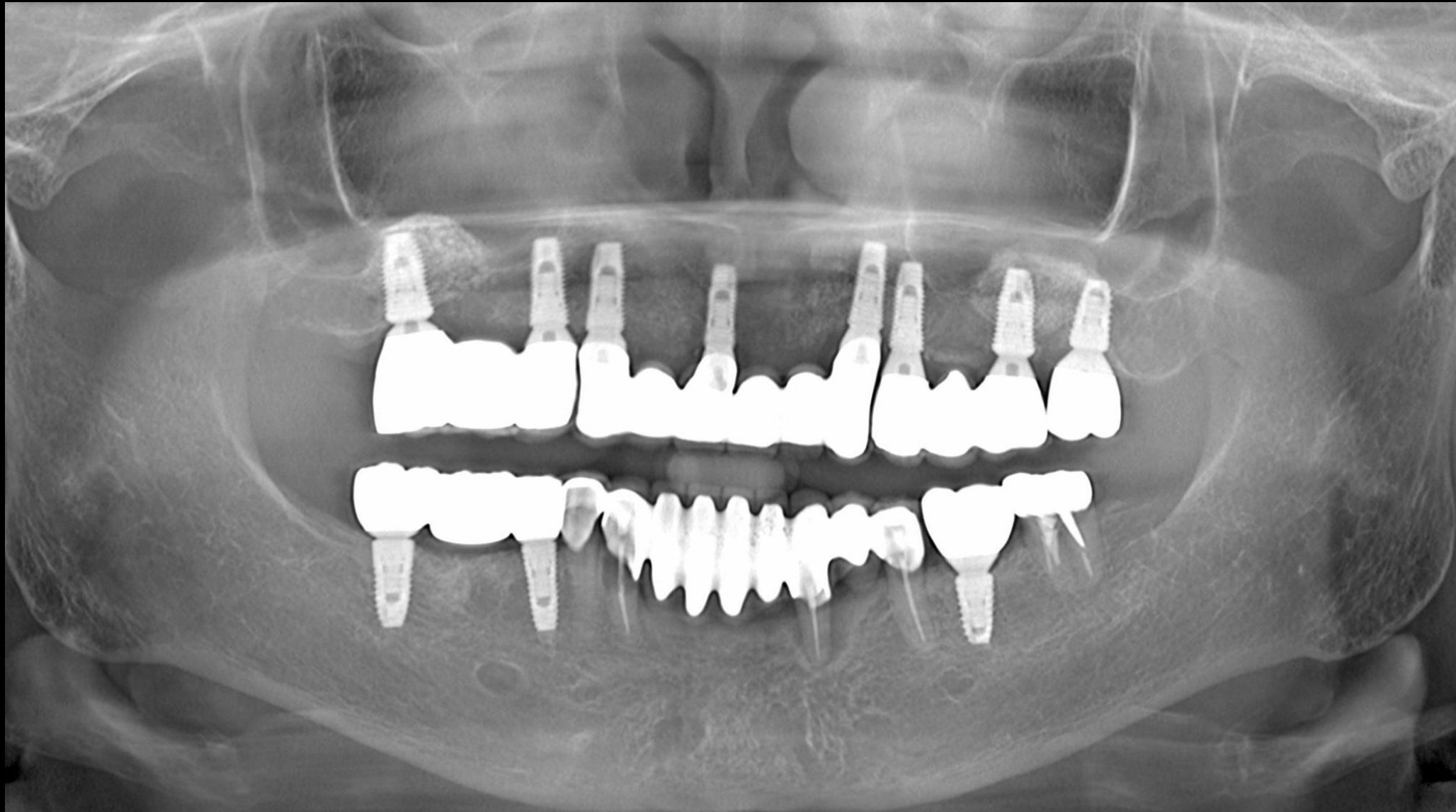


# Vertical augmentation in Lower anteriors

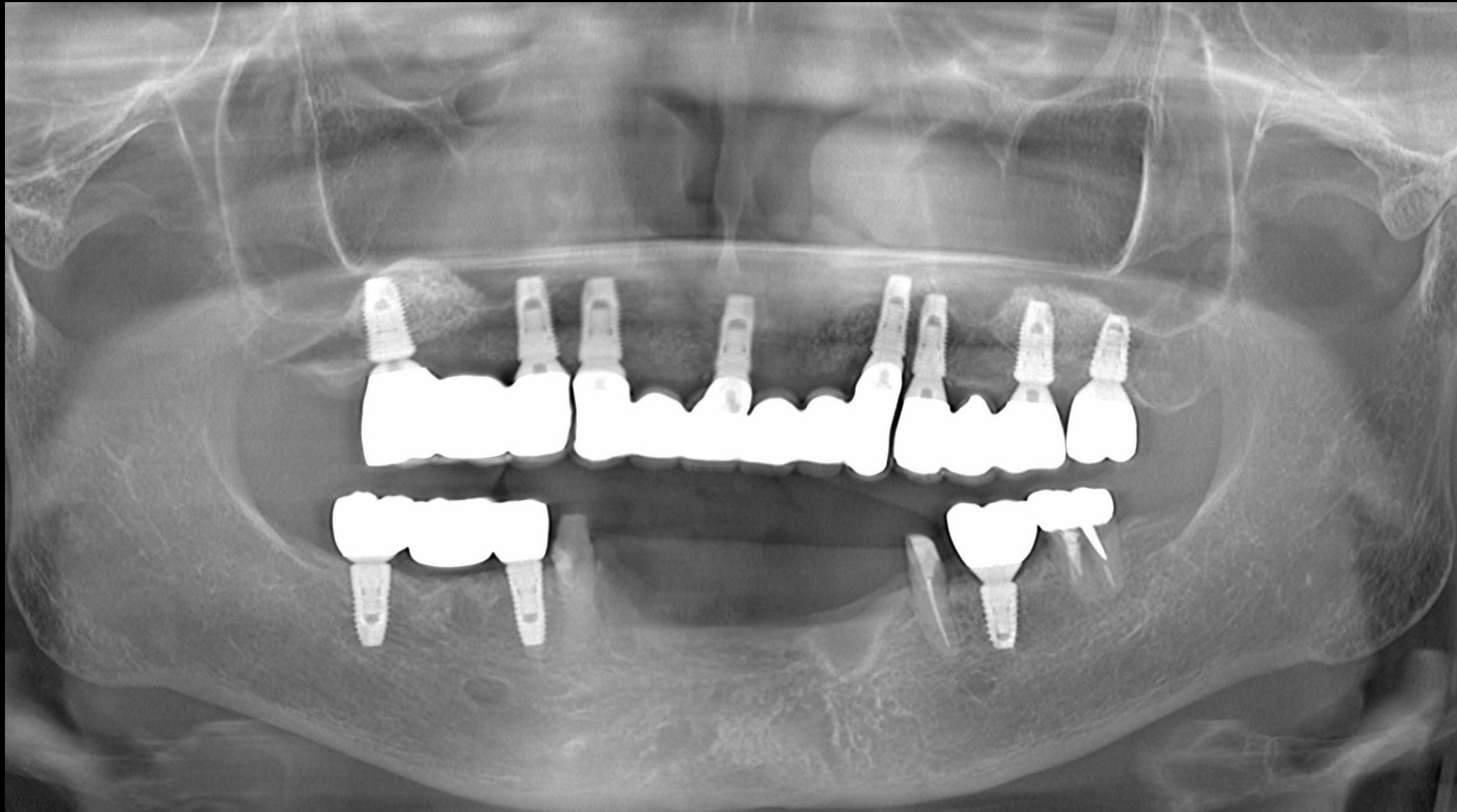
Dr. SM Chung  
2021.6.4 (Fri)

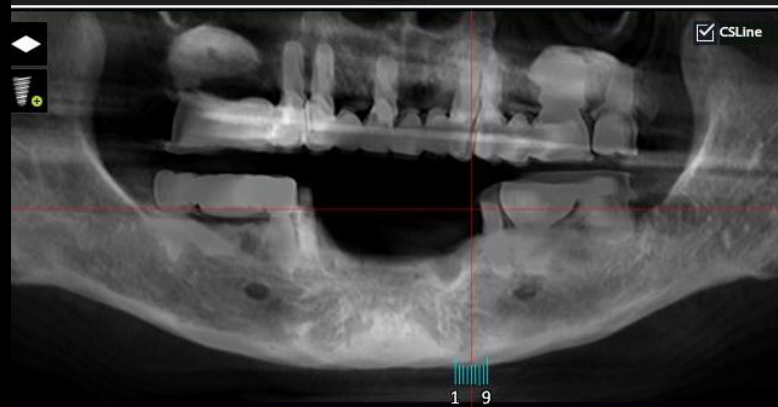
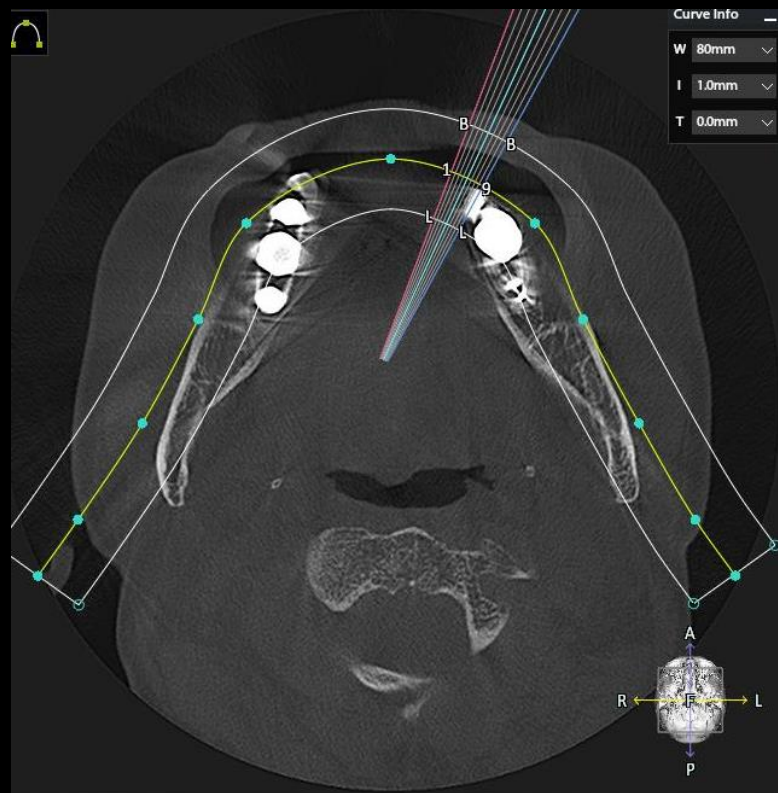


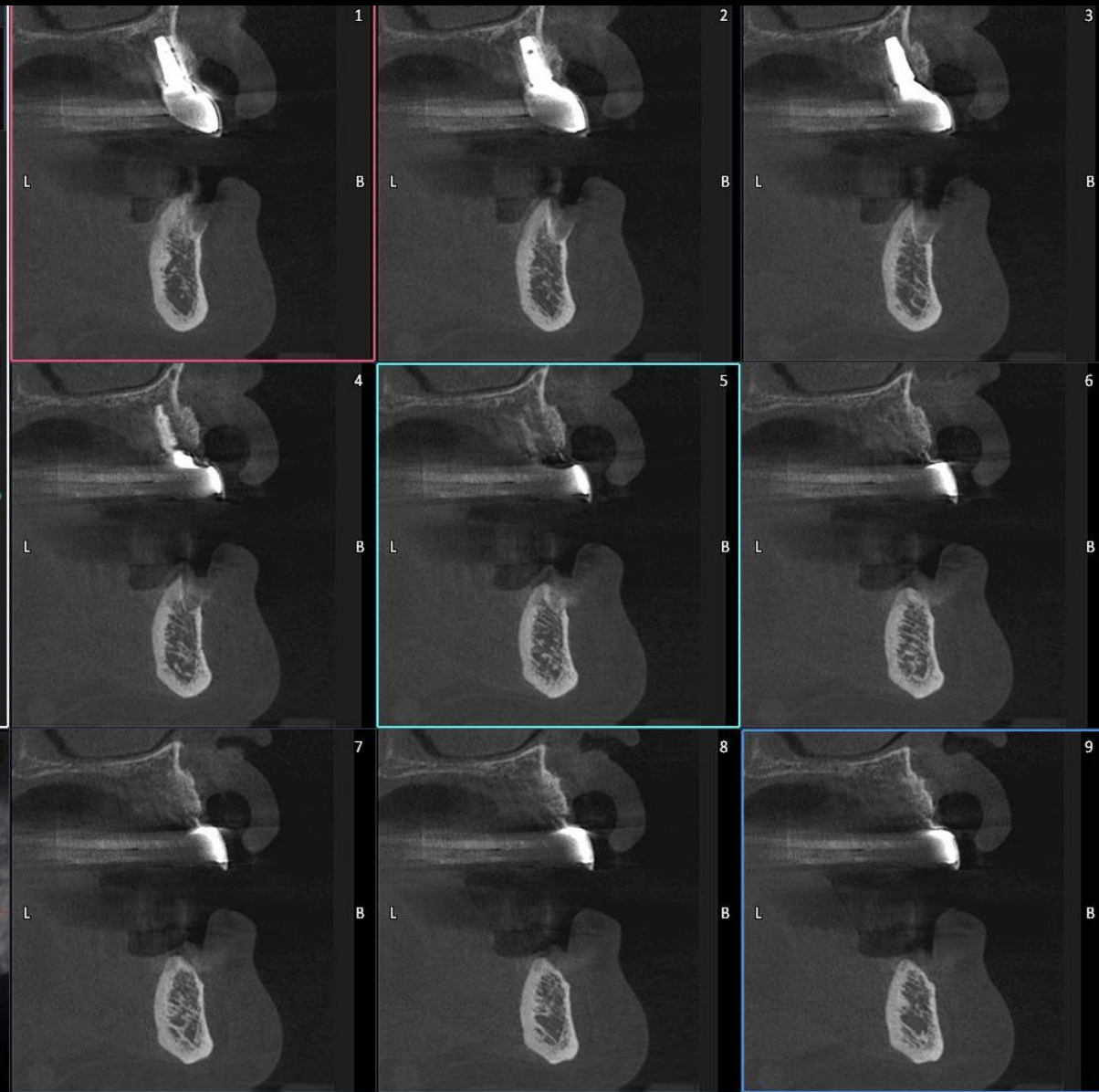
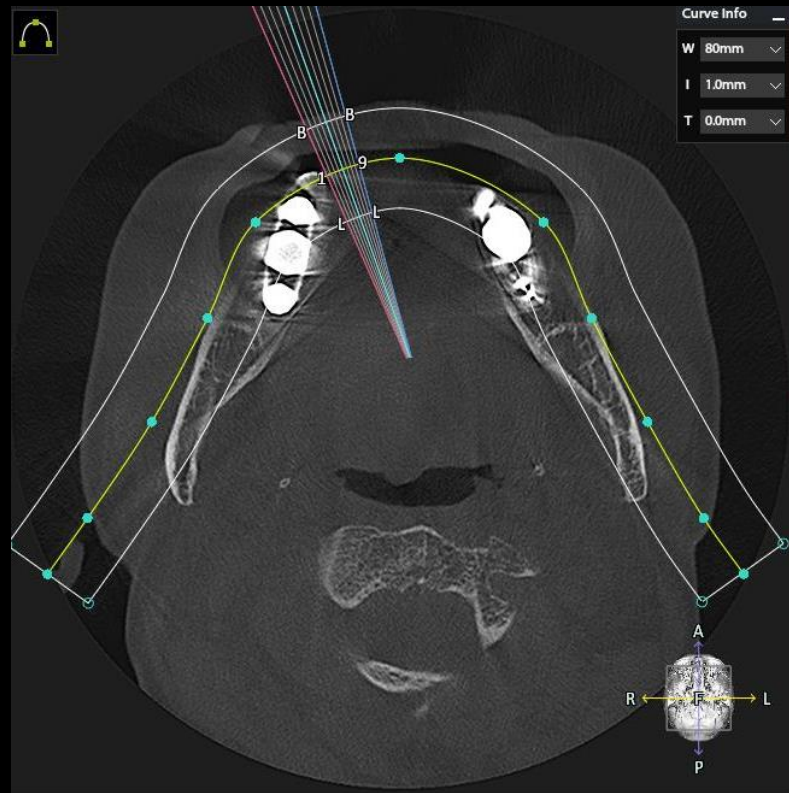
Oral exam (2021-03-31)



Pre-op (2021-05-17)







Oral exam (2021-05-13)



#33,43 Extraction / Temporary (2021-05-13)



Healing : 4 days (After #33,43 Extraction) (2021-05-17)

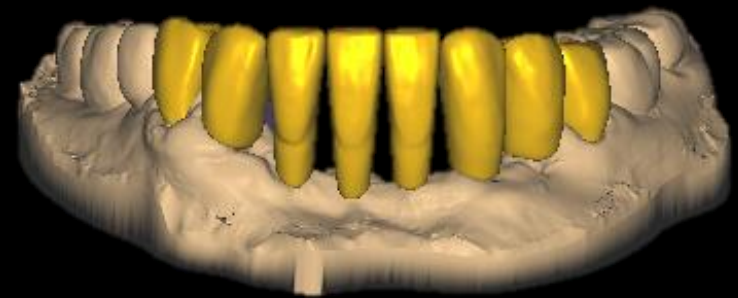
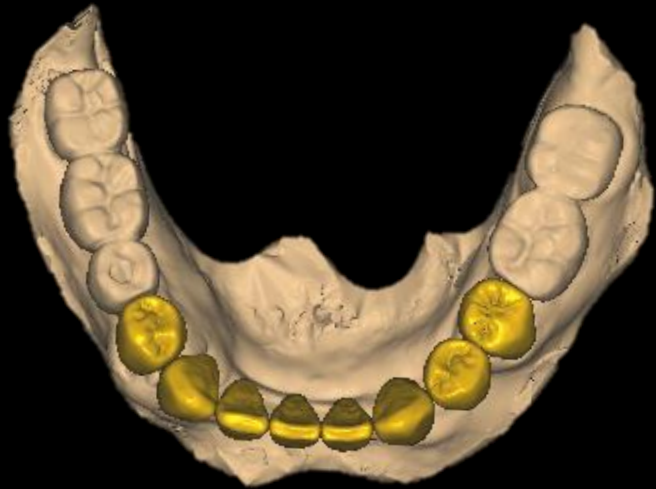




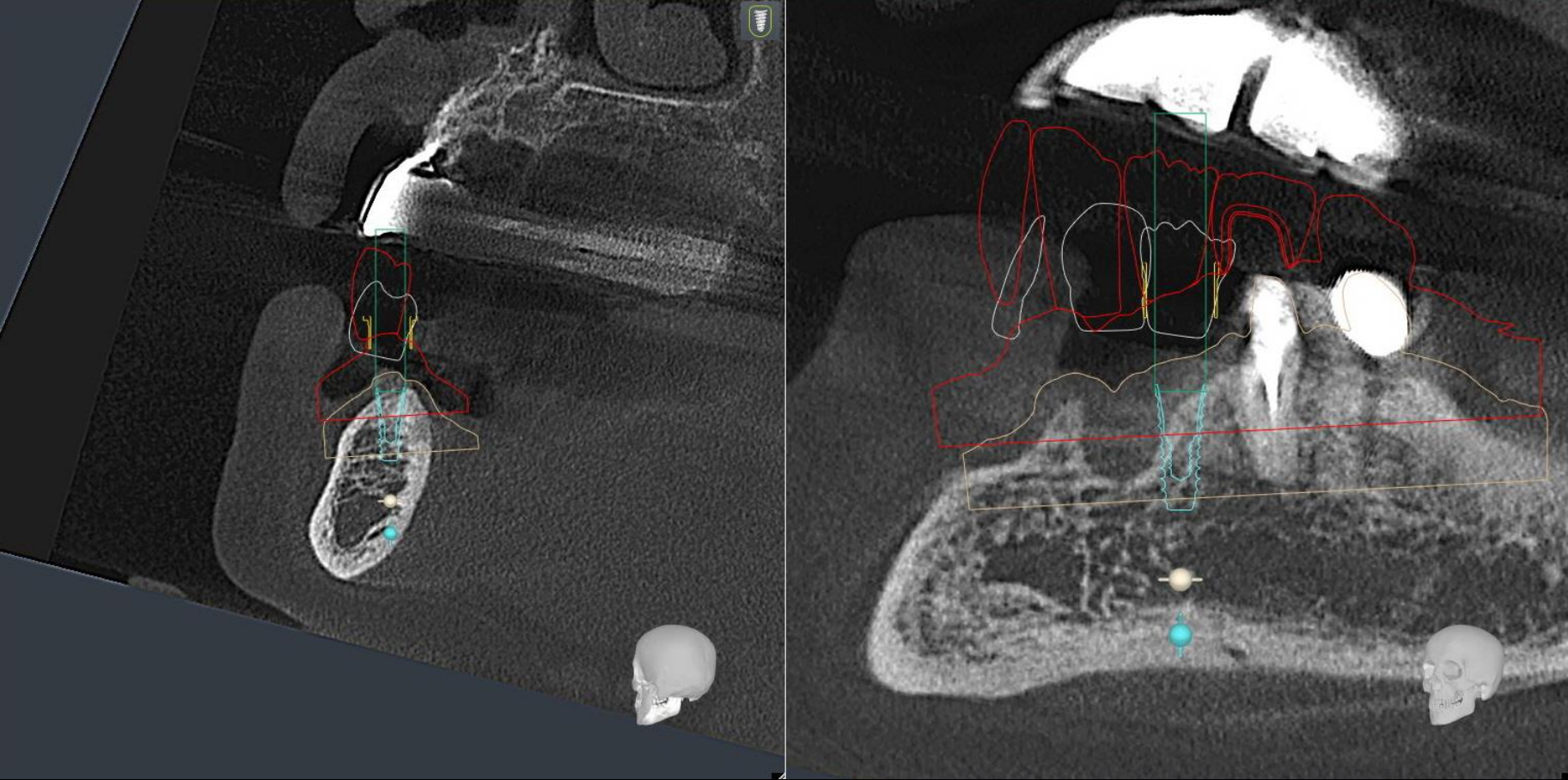
# Intraoral Scanning



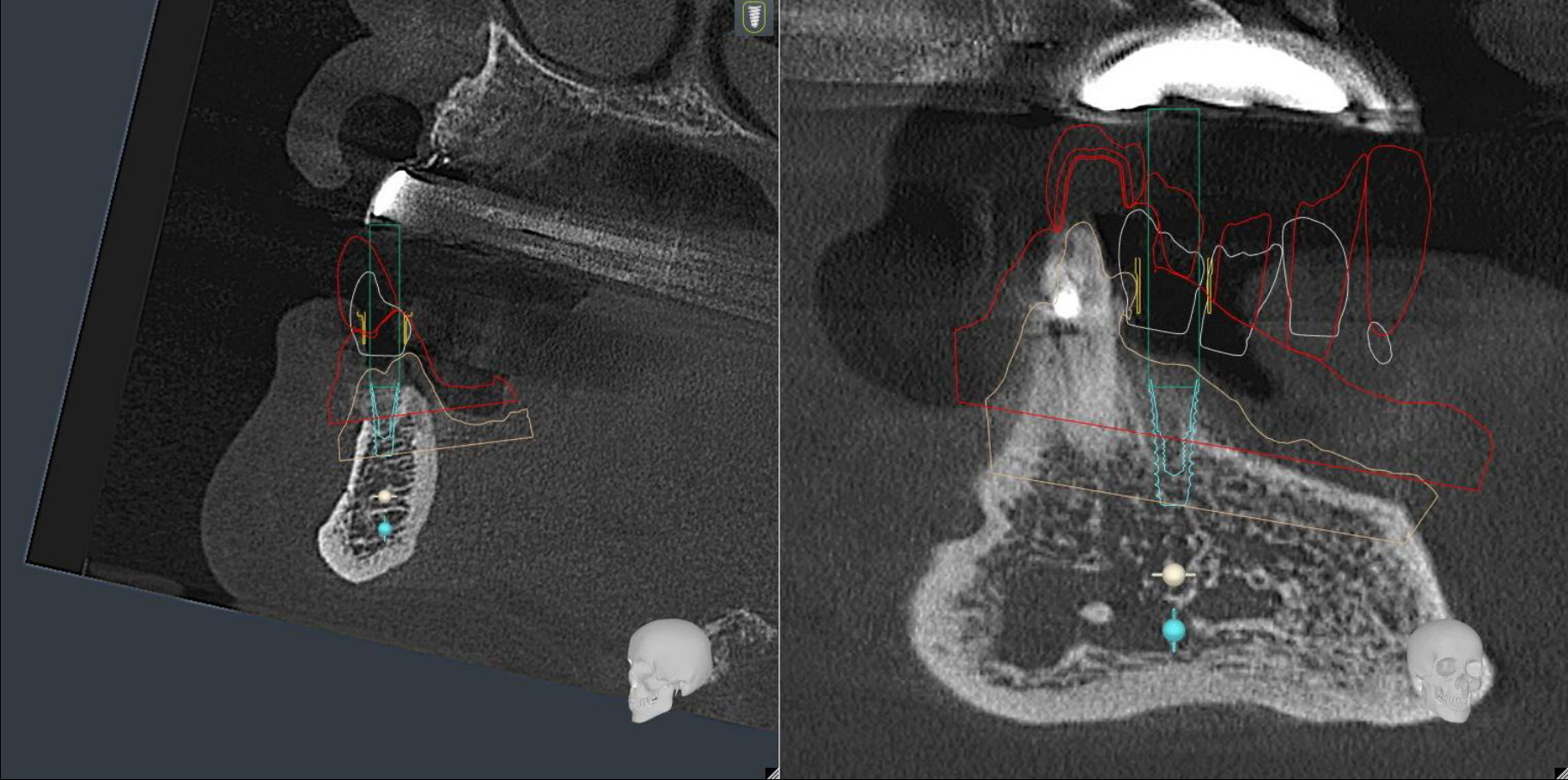
# Virtual Set-up



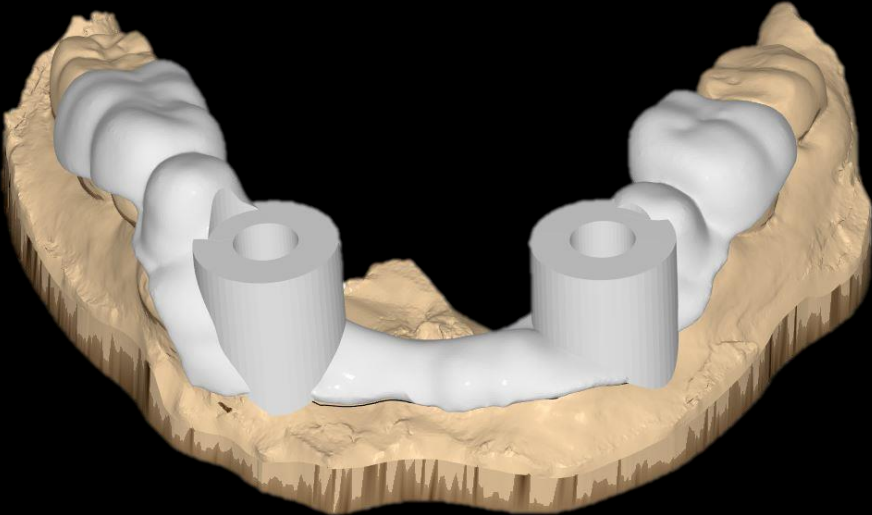
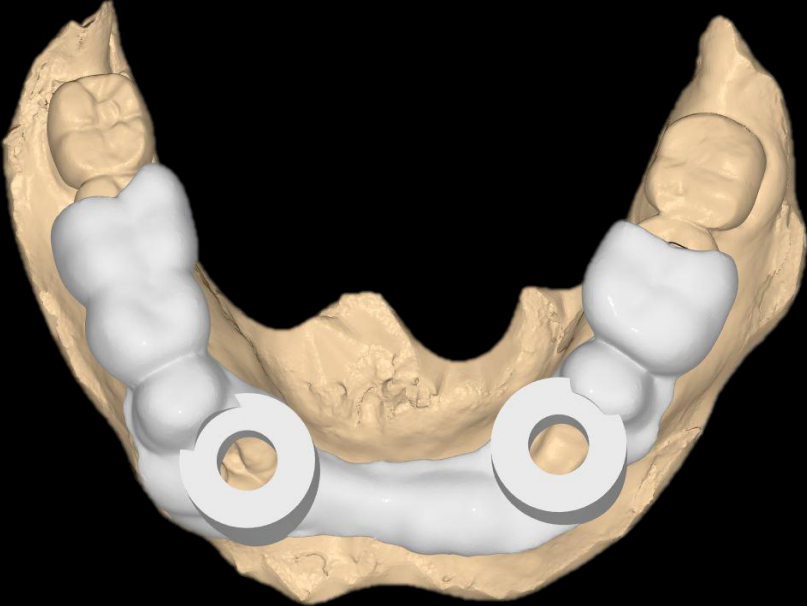
#34 Implant planning / (bright Bone Level Ø3.5\* 9mm)



#43 Implant planning / (bright Bone Level Ø3.5\* 9mm)



Guide design



3D Printing Model & Milling Stent



## Similar case 1

## Labial contour augmentation



**Similar case 1**

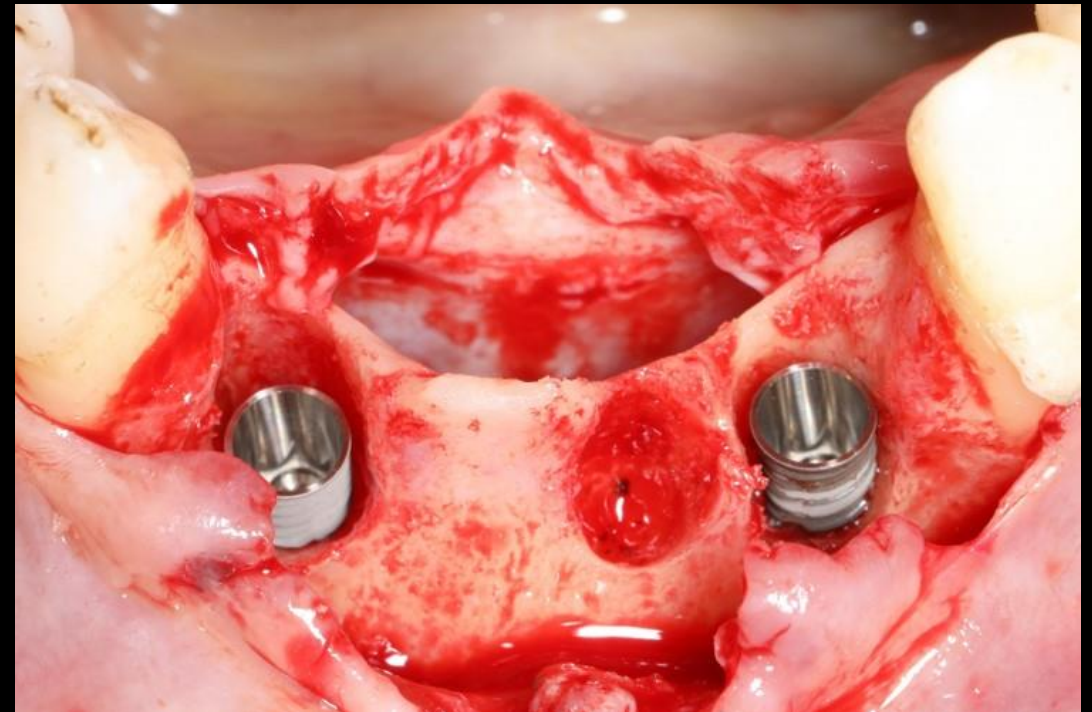
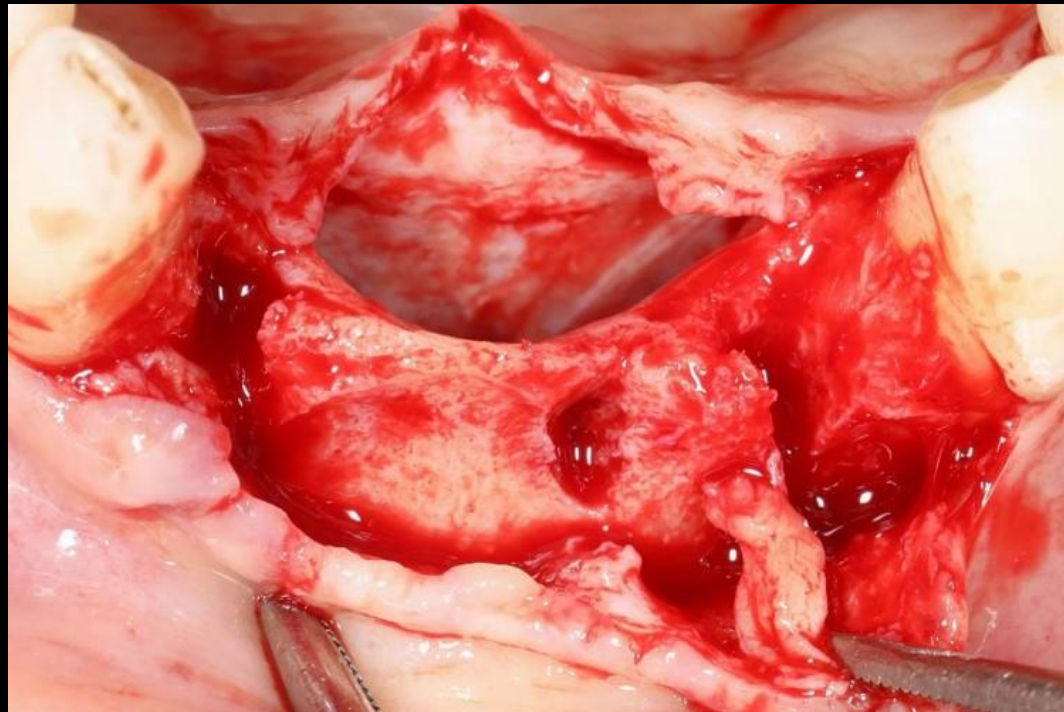
**Labial contour augmentation**





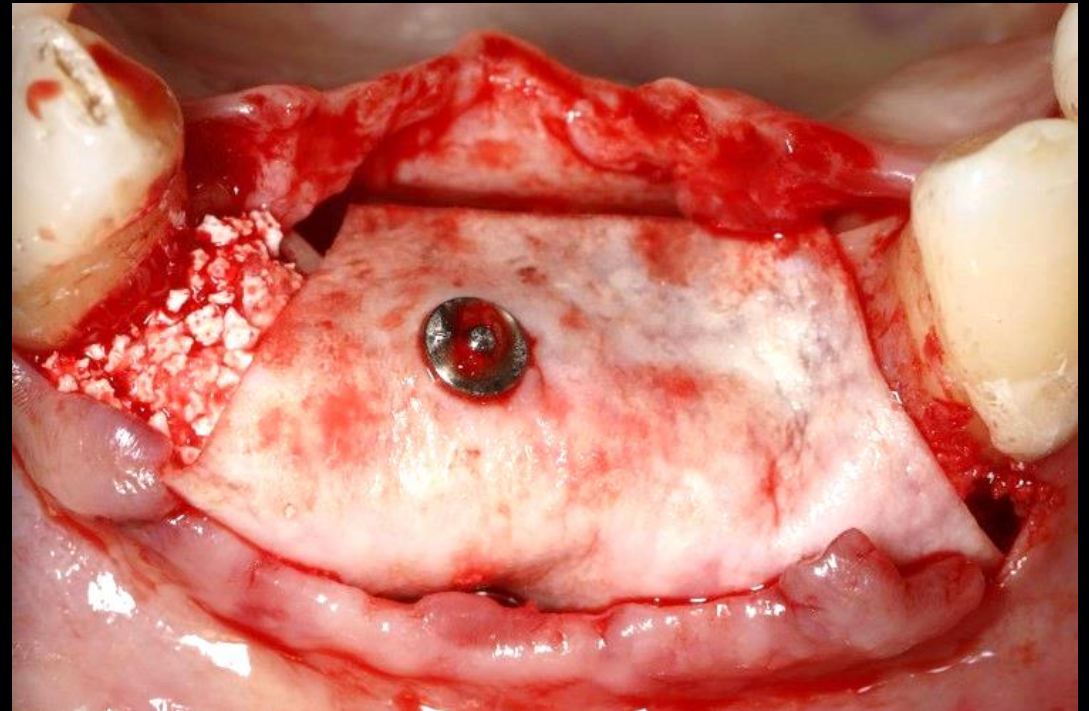
**Similar case 1**

**Labial contour augmentation**



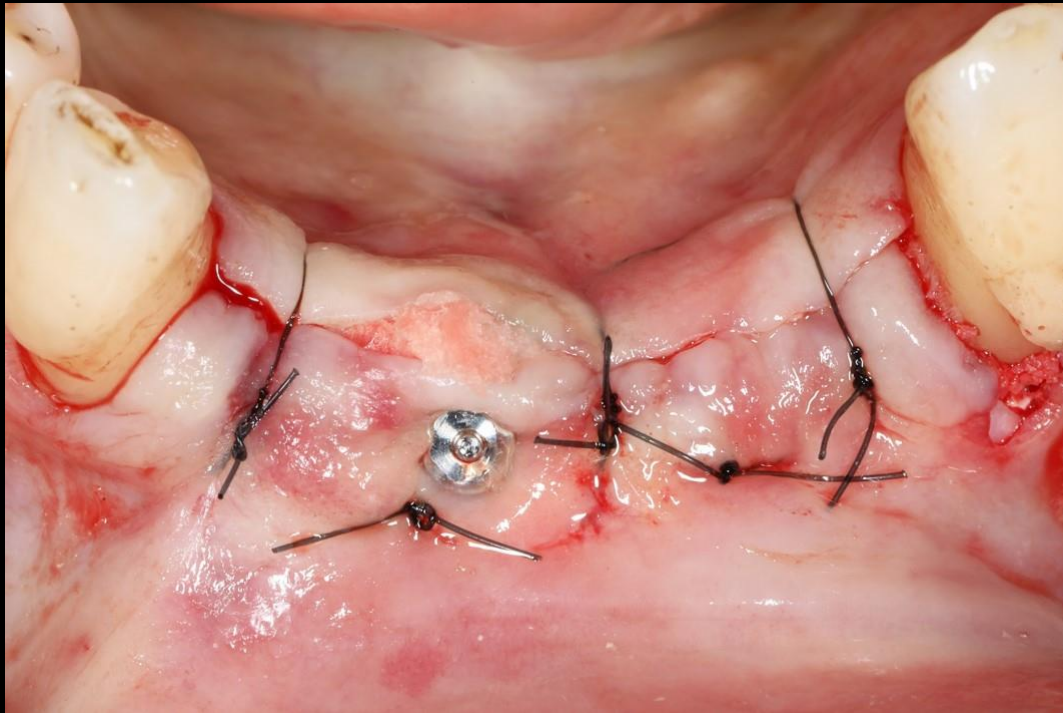
**Similar case 1**

**Labial contour augmentation**



## Similar case 1

## Labial contour augmentation



## Similar case 1

## Labial contour augmentation



**Similar case 1**

**Labial contour augmentation**



**Similar case 1**

**Labial contour augmentation**



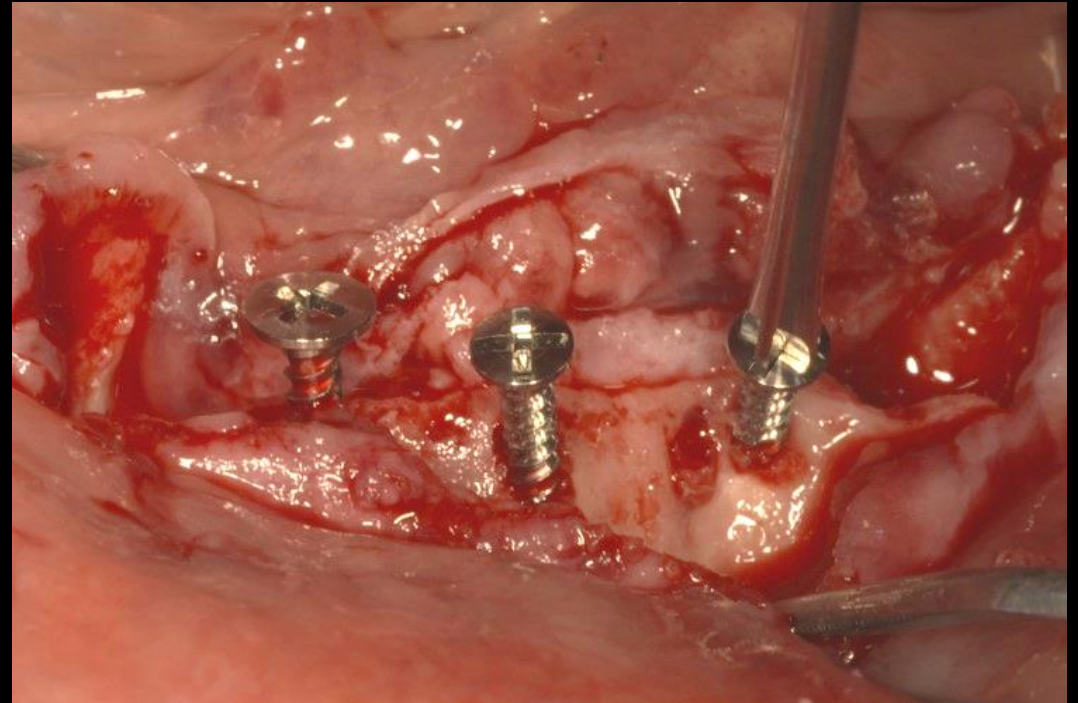
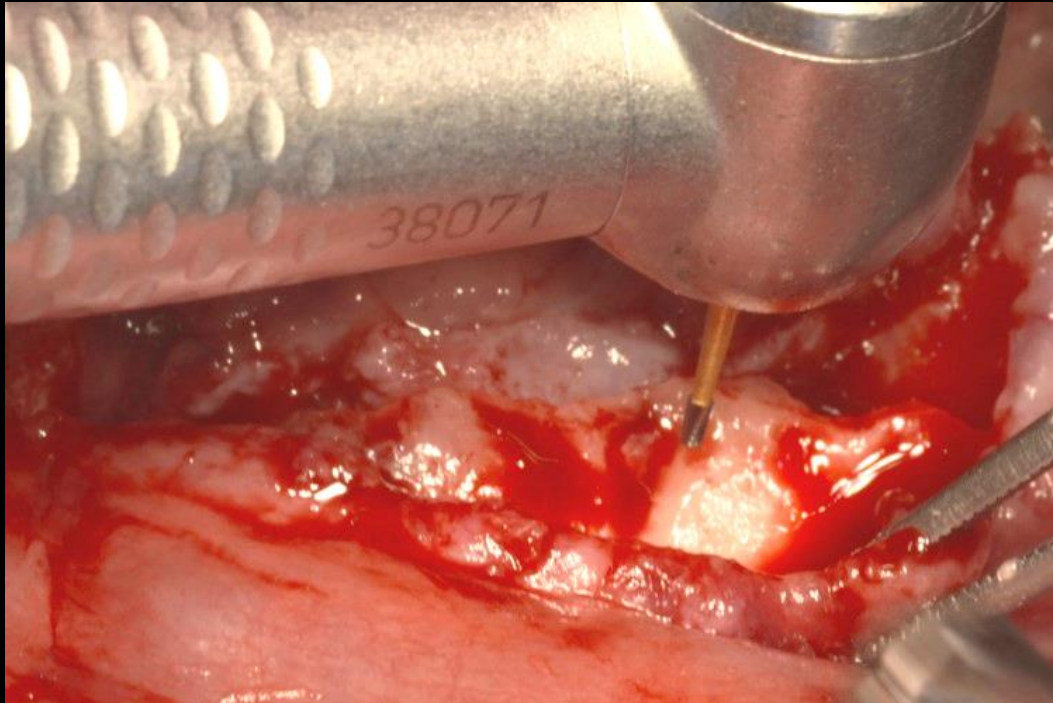
## Similar case 2

## Implantation & Gap Filling on Anterior area



## Similar case 2

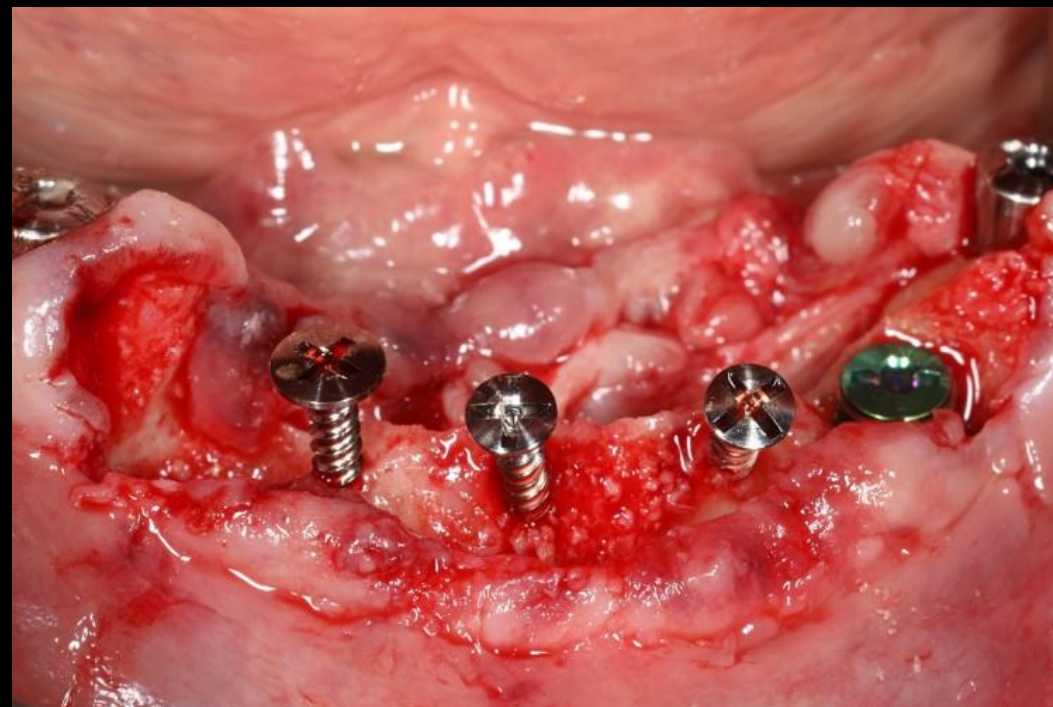
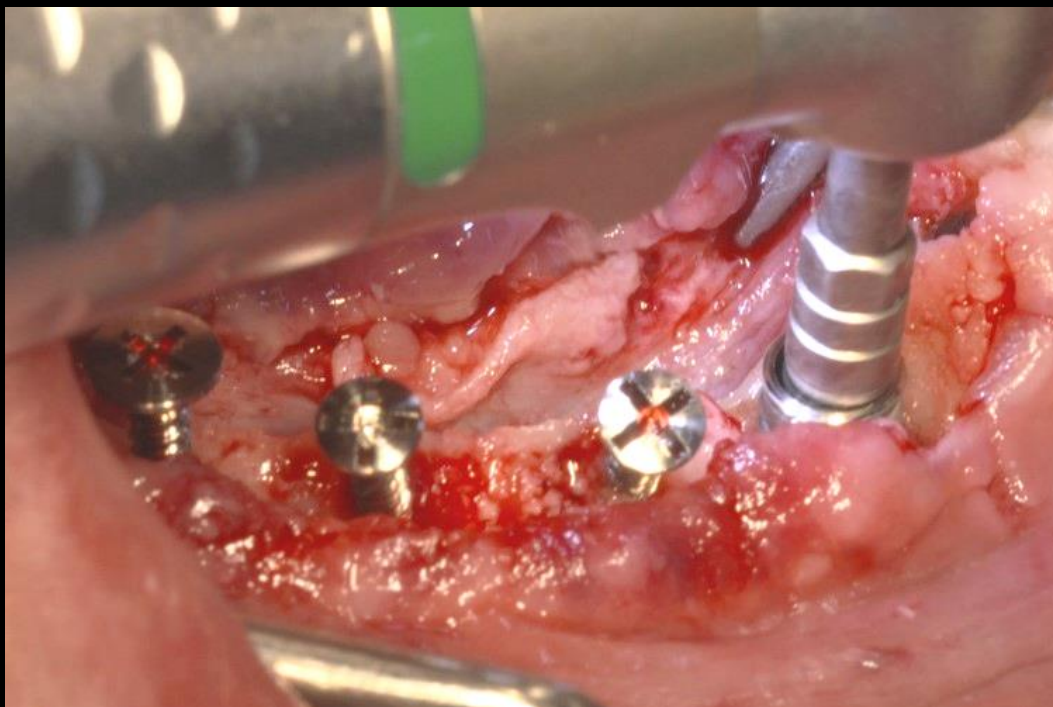
## Implantation & Gap Filling on Anterior area





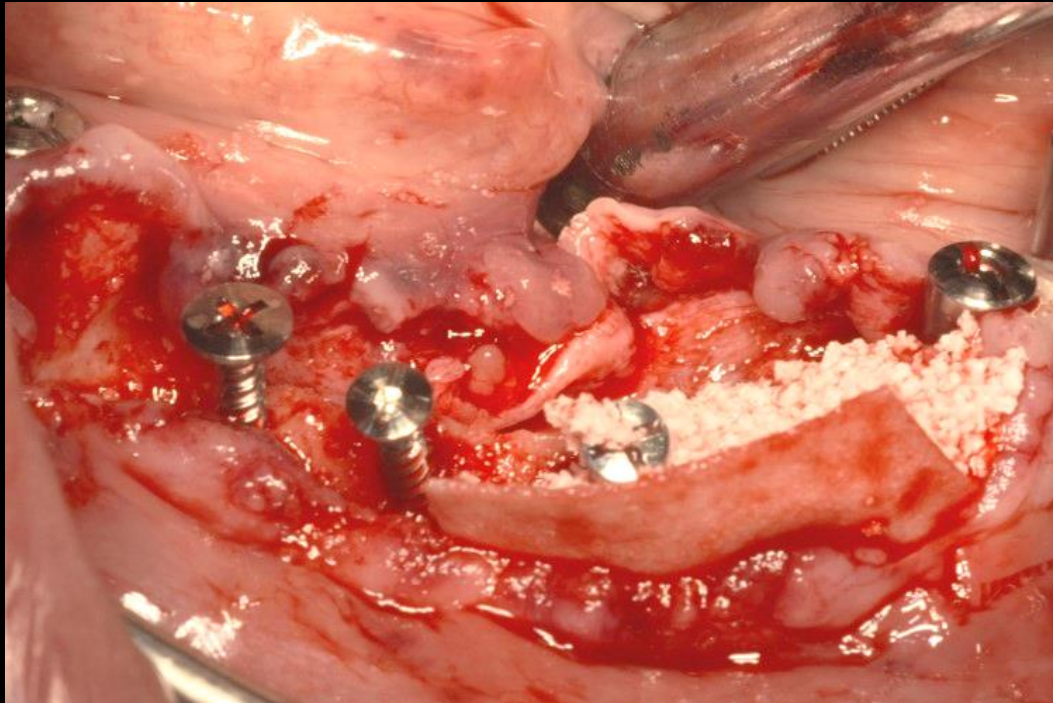
## Similar case 2

## Implantation & Gap Filling on Anterior area

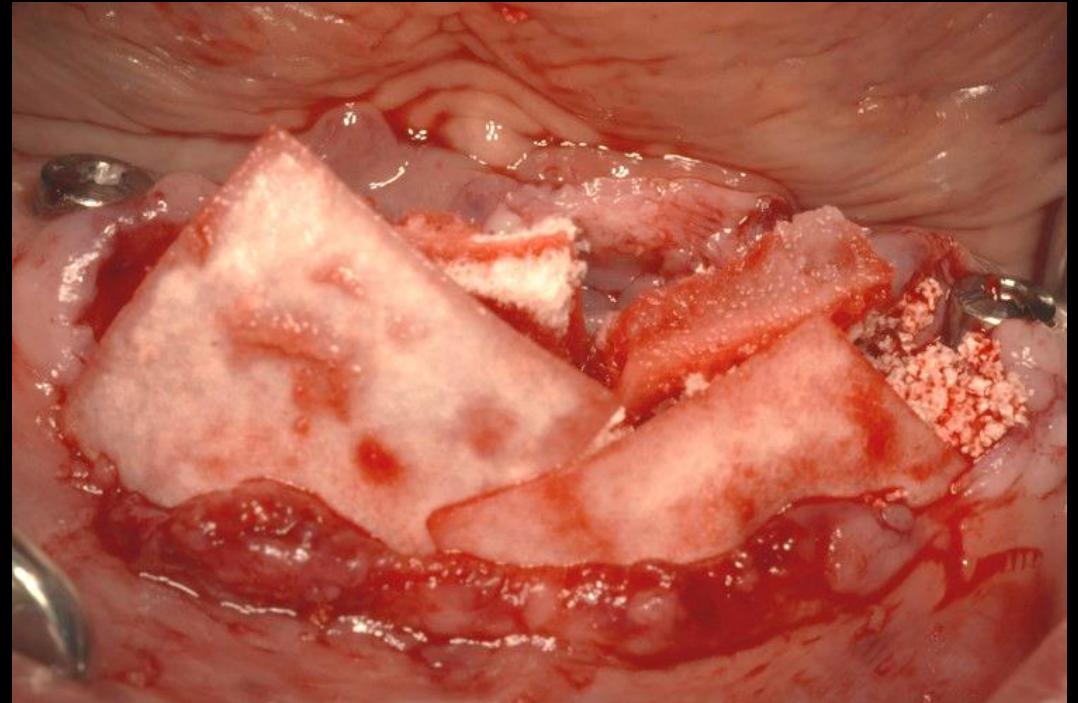


## Similar case 2

## Implantation & Gap Filling on Anterior area



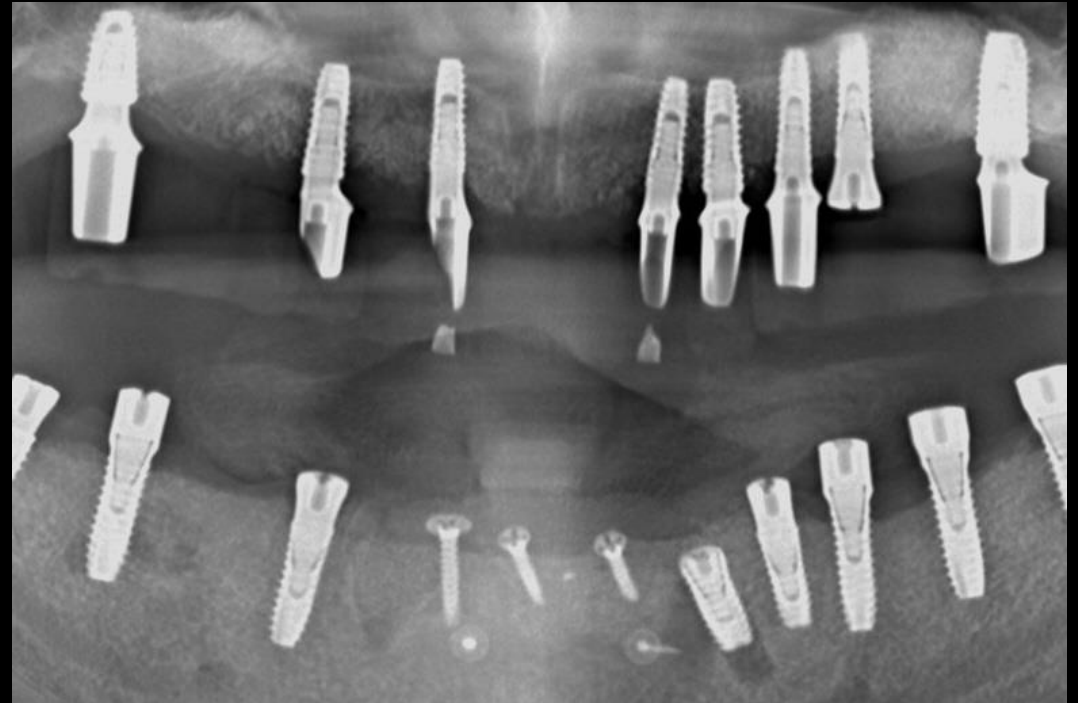
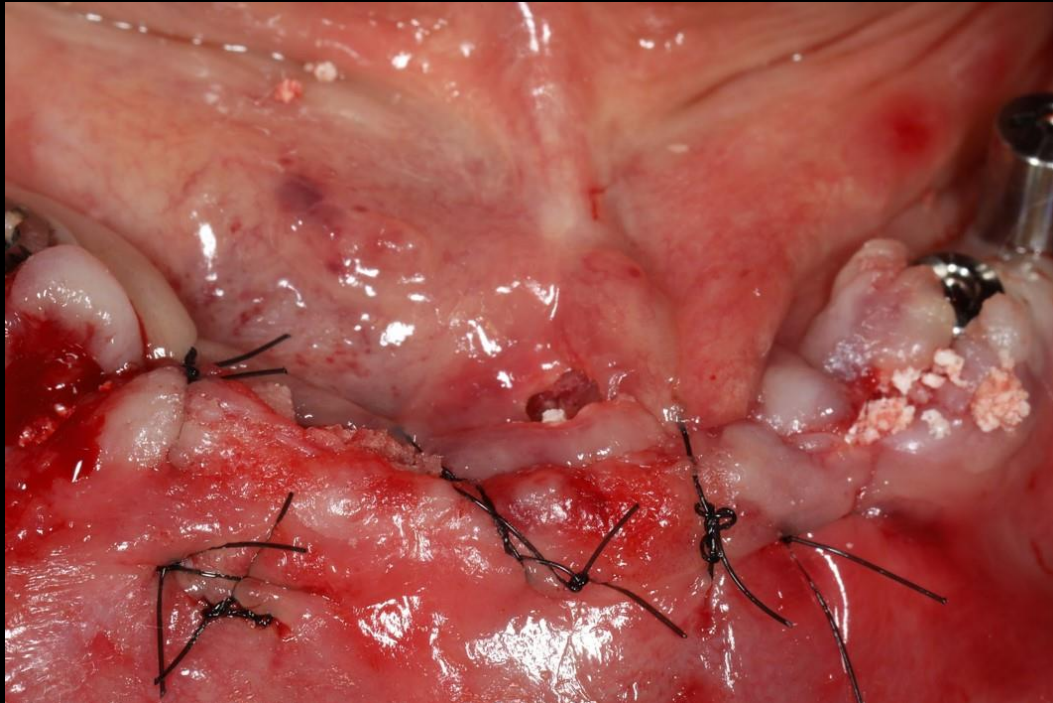
OSTEON™ 3 + OSTEON™ 3 Collagen



Collagen Membrane + Collagen Graft

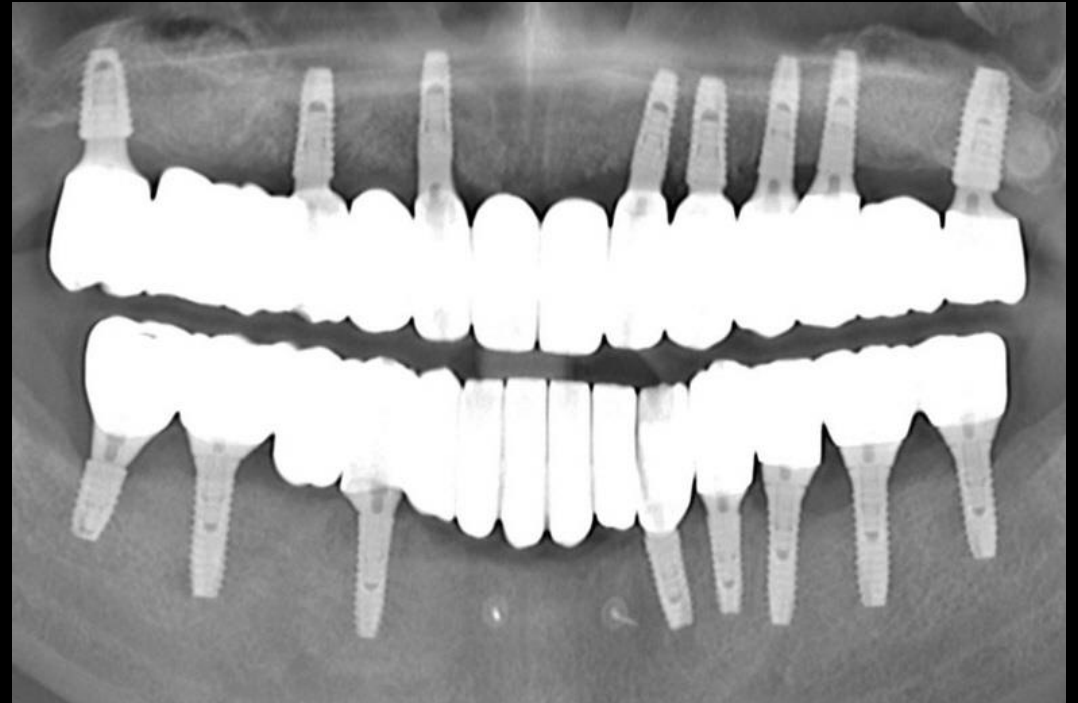
## Similar case 2

## Implantation & Gap Filling on Anterior area



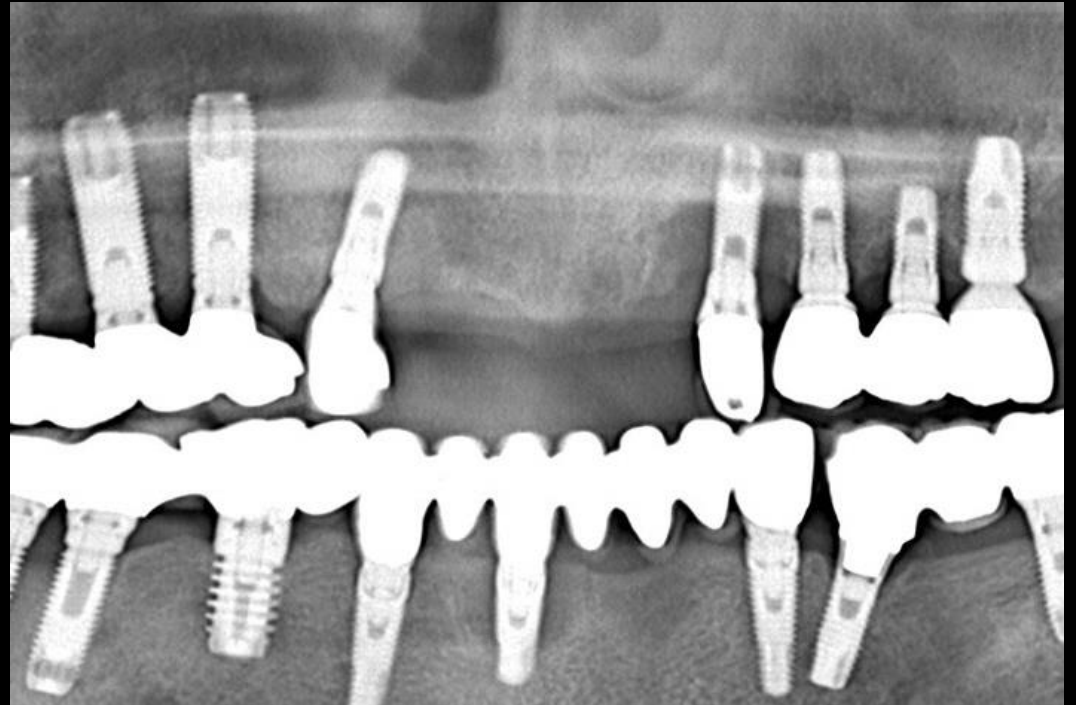
## Similar case 2

## Implantation & Gap Filling on Anterior area



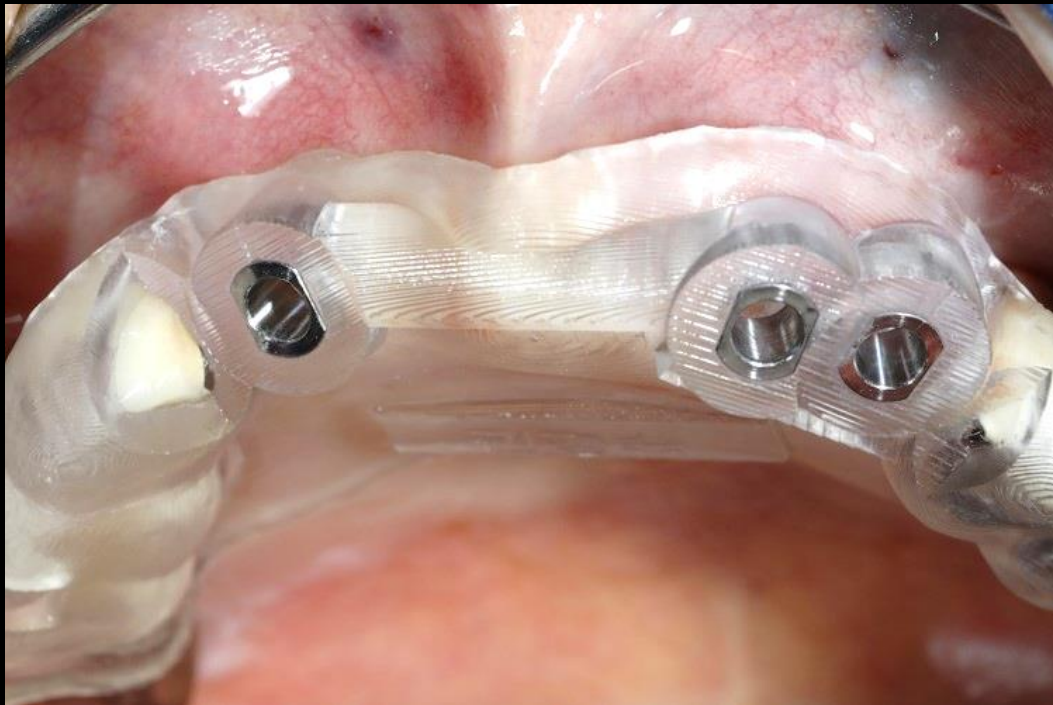
## Similar case 3

## Guided bone regeneration on Anterior area



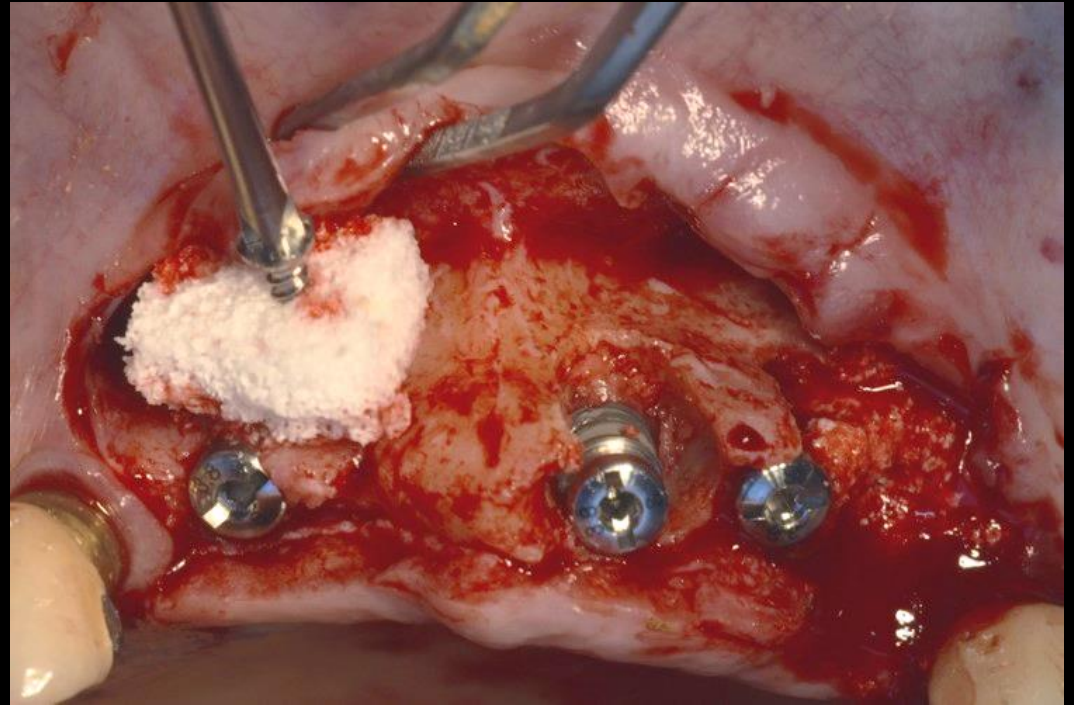
## Similar case 3

## Guided bone regeneration on Anterior area



**Similar case 3**

**Guided bone regeneration on Anterior area**



**OSTEON™ 3 Block+ GBR Screw**

## Similar case 3

## Guided bone regeneration on Anterior area



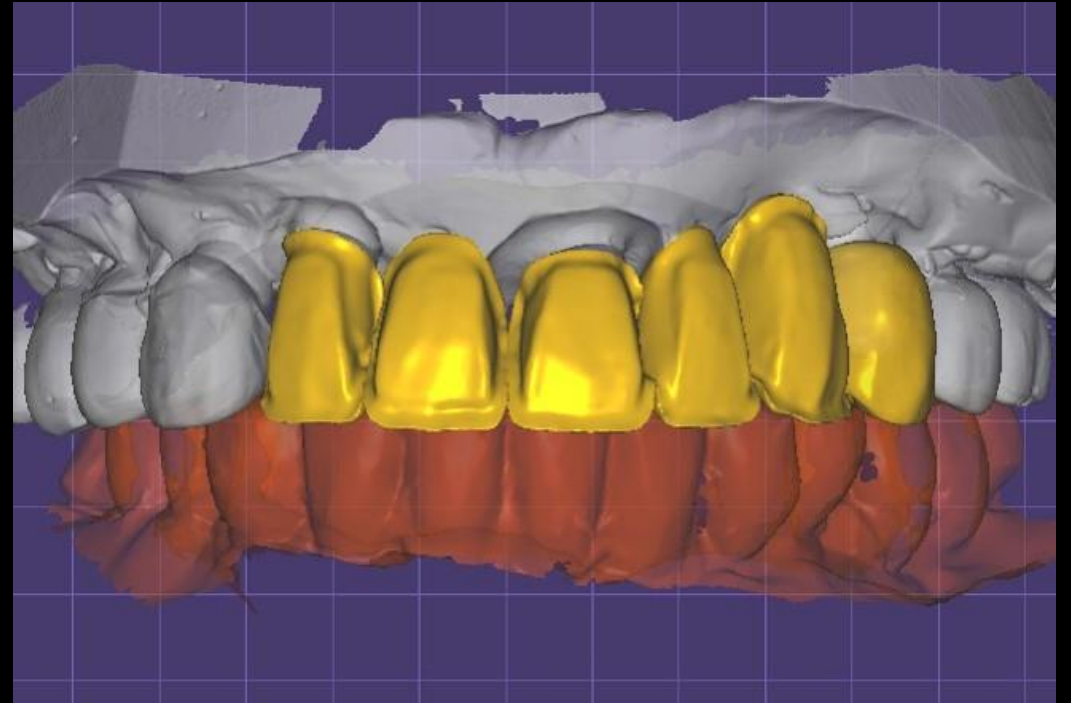
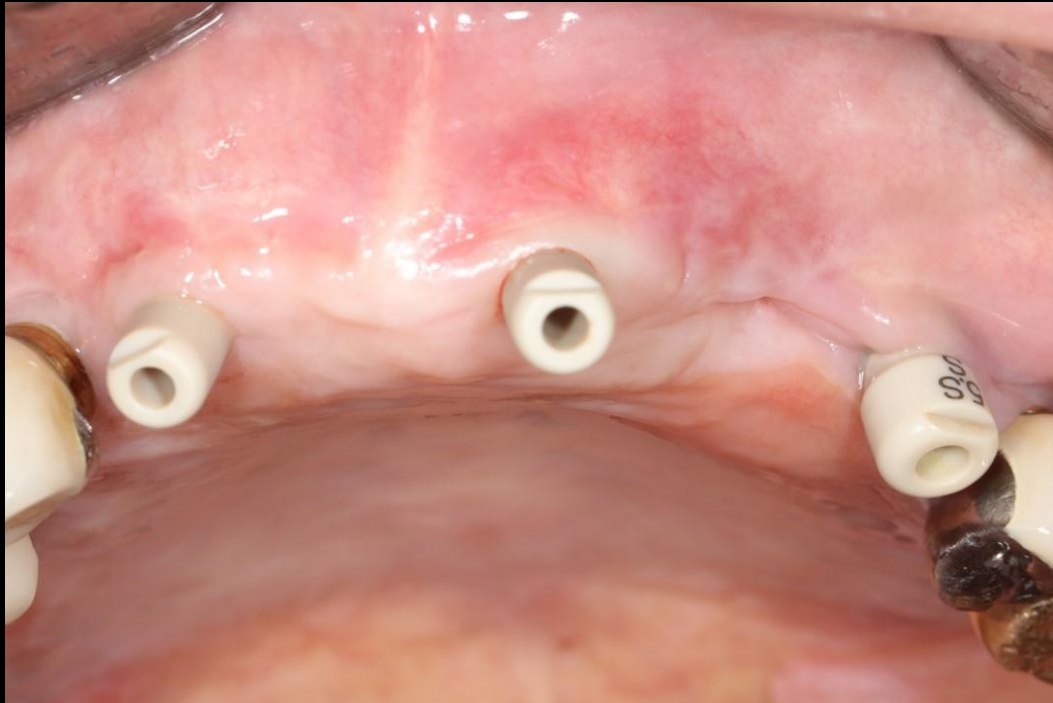
Collagen Membrane + Membrane Pin





## Similar case 3

## Guided bone regeneration on Anterior area



## Similar case 3

## Guided bone regeneration on Anterior area

