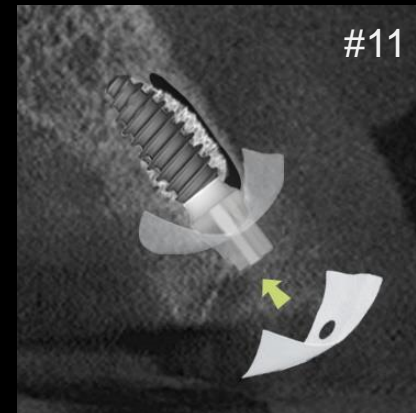
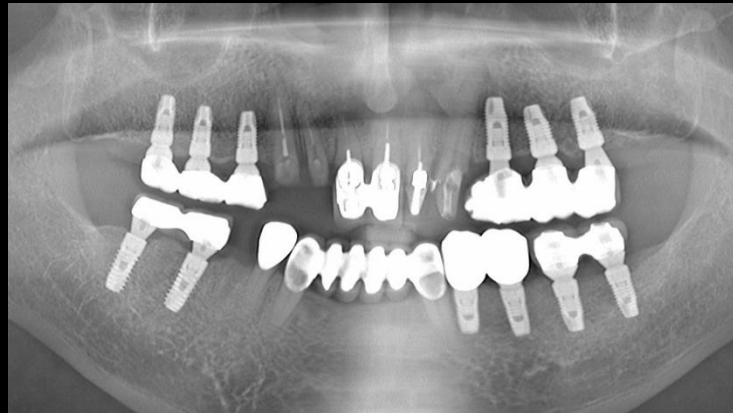




Root shield or Socket preservation in upper anterior

Dr. SM Chung
2021.8.6 (Fri)

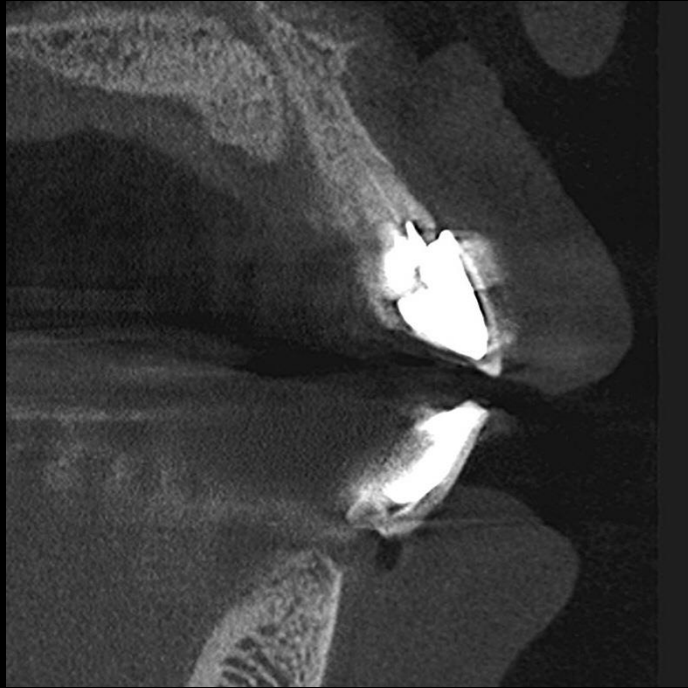


84yrs / Male

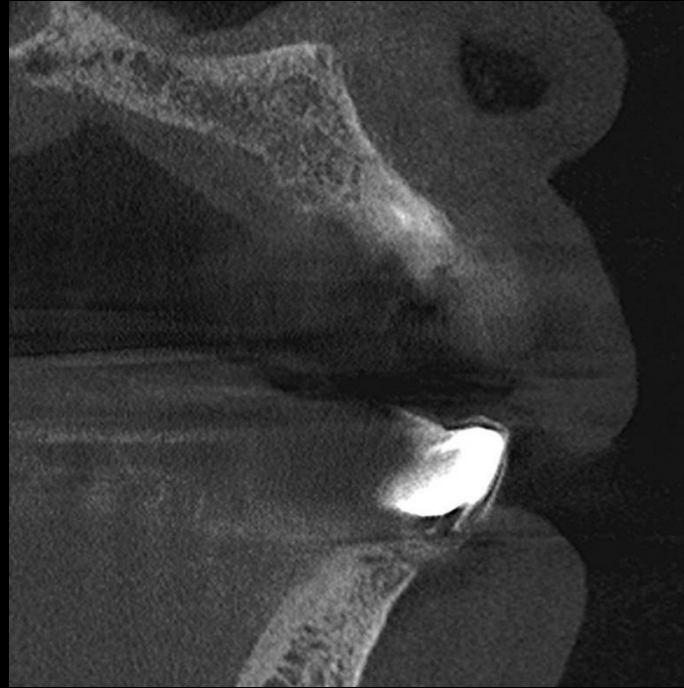
Pre-op (2021-07-14)



Pre-op (2021-07-14)



#11



#12



#13

Pre-op (2021-07-14)



#21



#22



#23

Pre-op (2021-07-14)



Pre-op (2021-07-14)

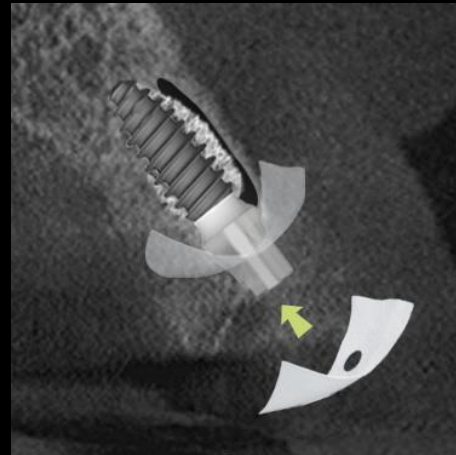
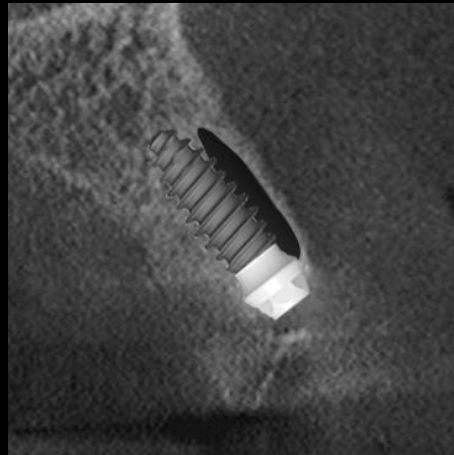
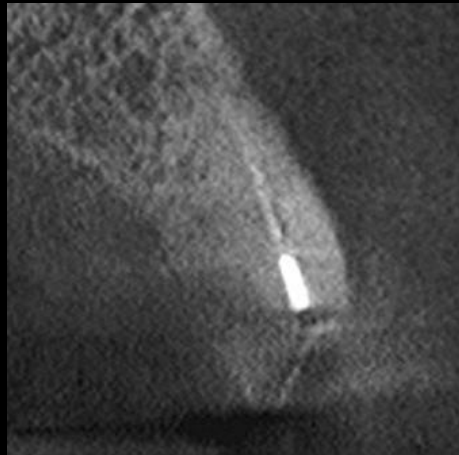


Intraoral Scanning



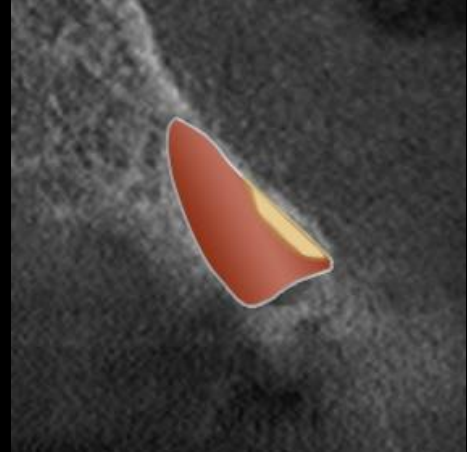
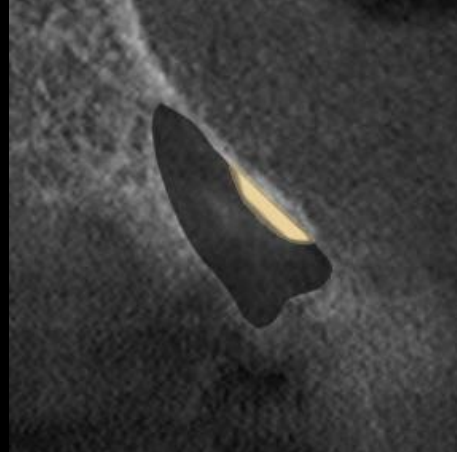
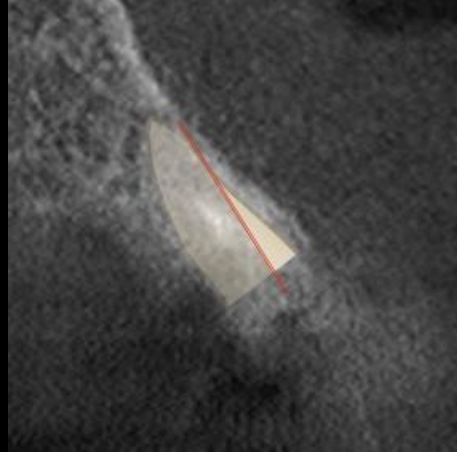
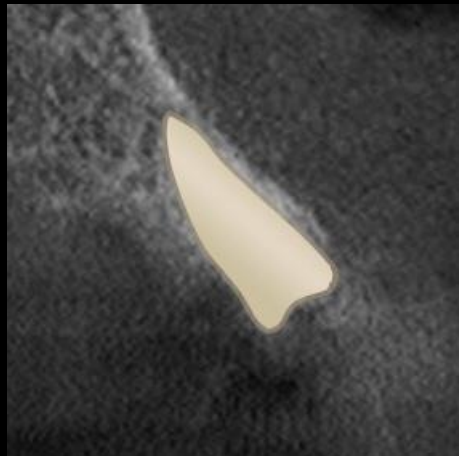
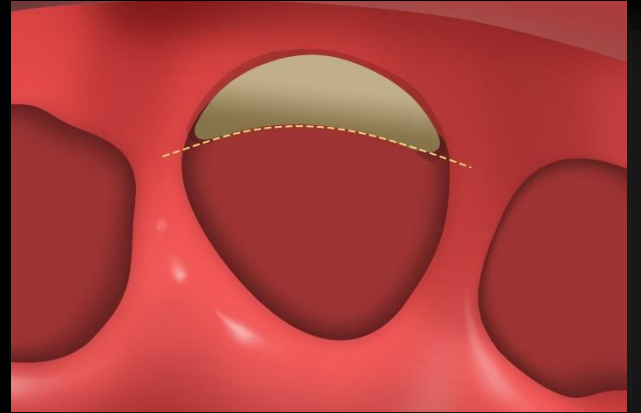
Surgery Plan

- #11,21 extraction and bone graft for socket preservation with bone graft
- #12,22 Root shield without bone graft and implantation
(If not mobility of root)



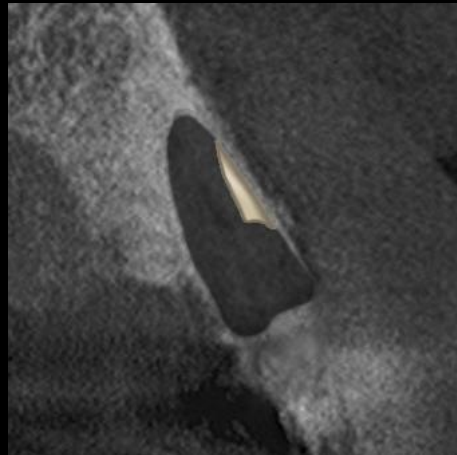
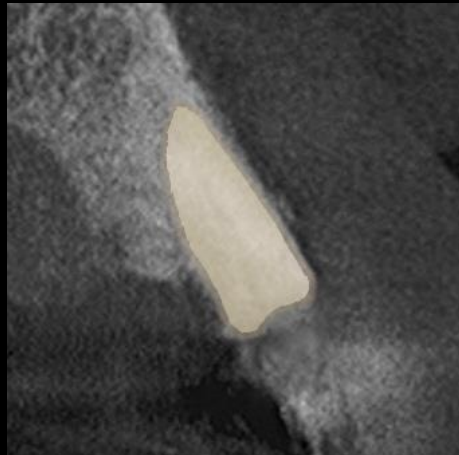
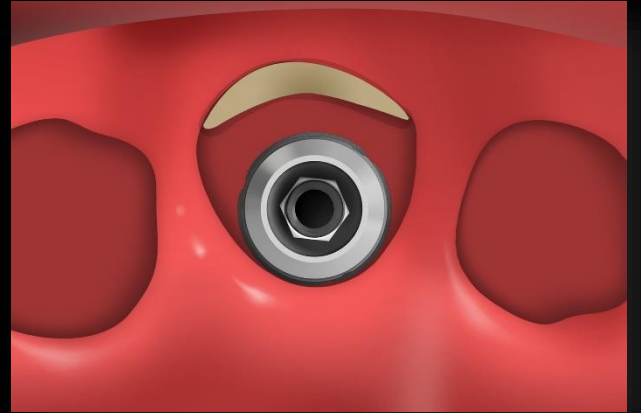
Surgery Plan

- #12,22 Root shield without bone graft and implantation
(If not mobility of root)
- #13,23 Root shield with bone graft and implantation



Surgery Plan

- #13,23 Root shield with bone graft and implantation
- #11,13 Bright Tissue Level $\varnothing 3.5 / 9\text{mm}$
- #21,23 Bright Bone Level $\varnothing 4.0 / 9\text{mm}$



Root shield technique

< Contraindication >

- Mobility of the tooth
- Apical lesion

Treatment of extraction site especially with apical lesion

- 1 Pre-medication
- 2 Curretage with hand instrument
- 3 Grinding out with carbide bur
- 4 Burning with laser or electrode
- 5 Chemical burning with tetracycline HCL



Similar case 1

Immediate implantation with Root shield technique



Pre-op

Similar case 1

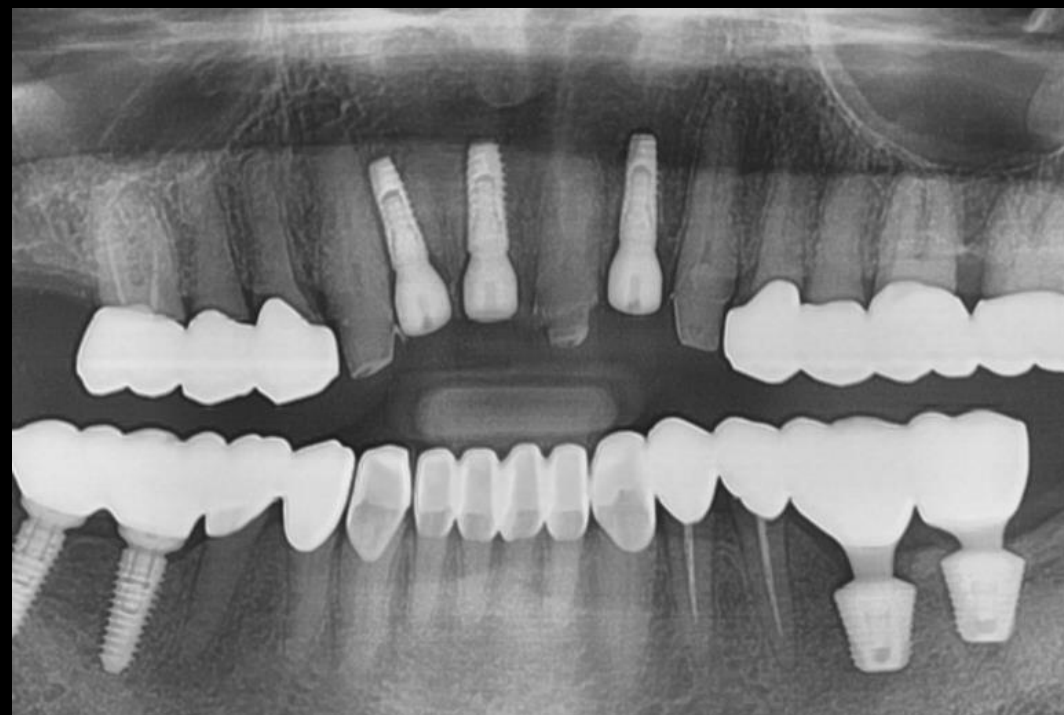
Immediate implantation with Root shield technique



Surgery

Similar case 1

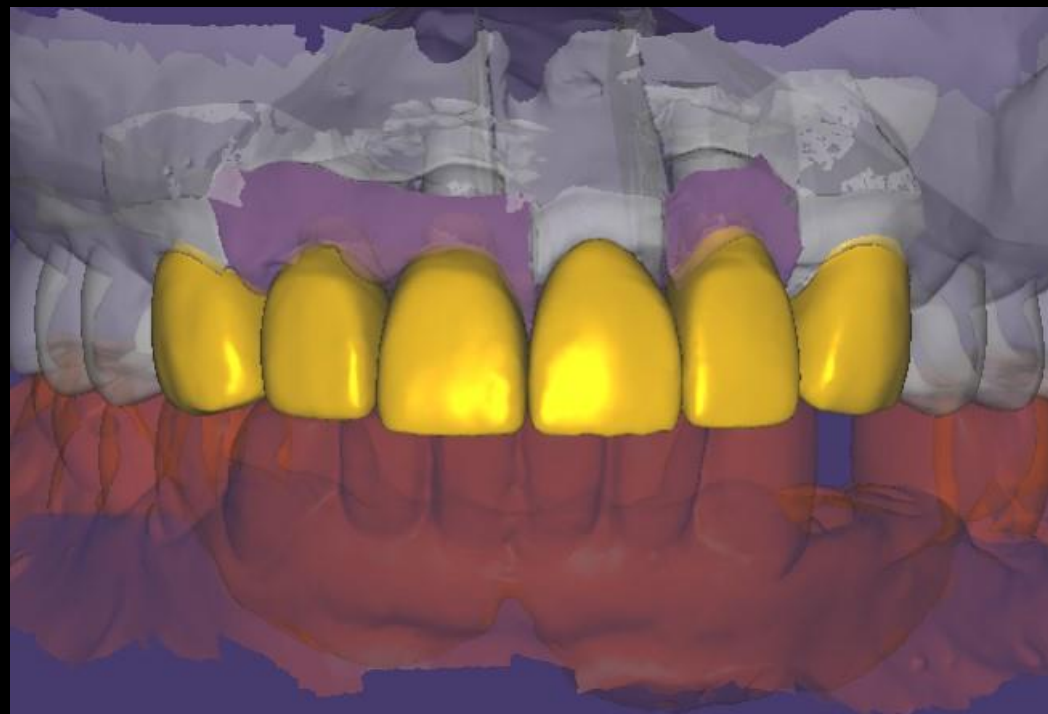
Immediate implantation with Root shield technique



Post-op

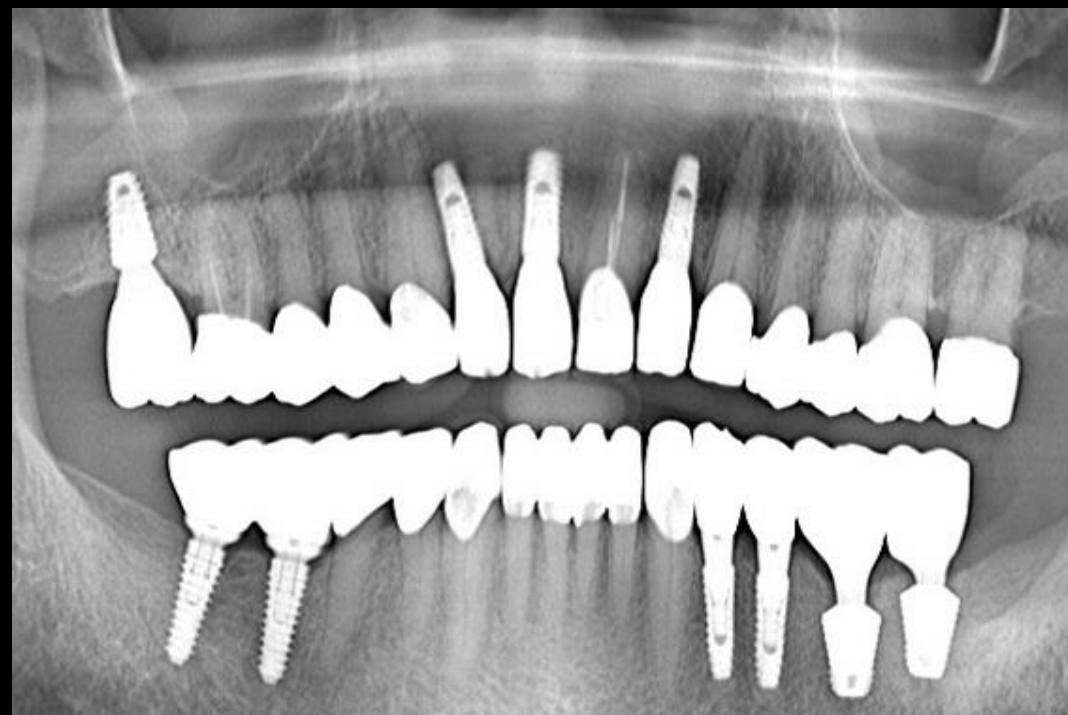
Similar case 1

Immediate implantation with Root shield technique



Similar case 1

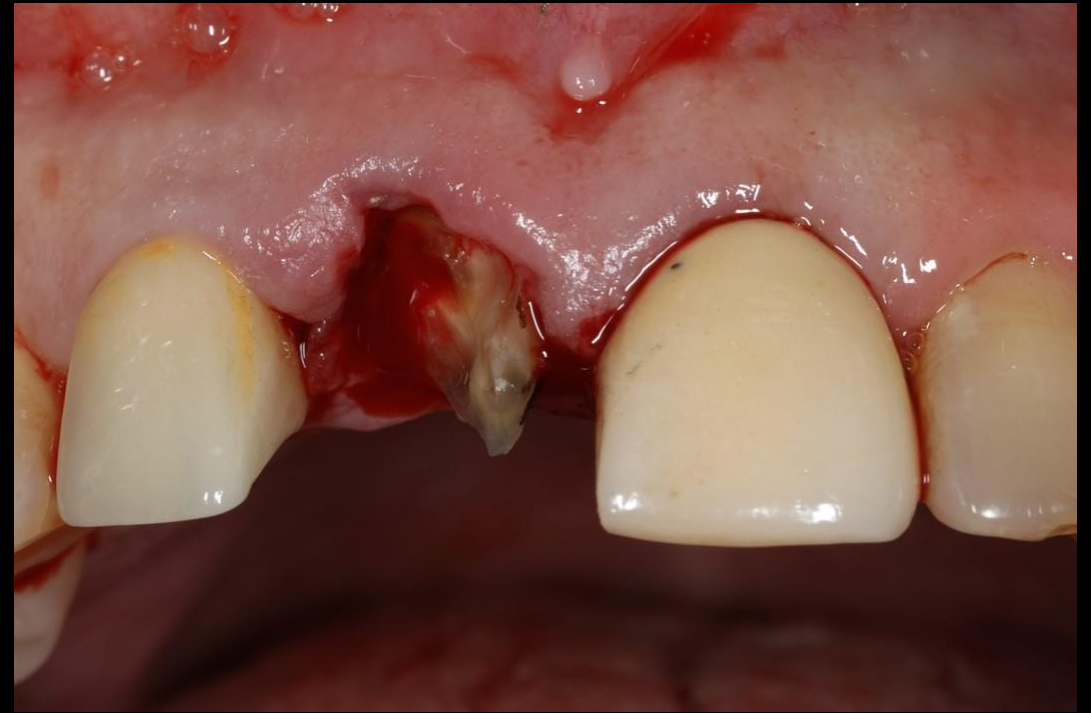
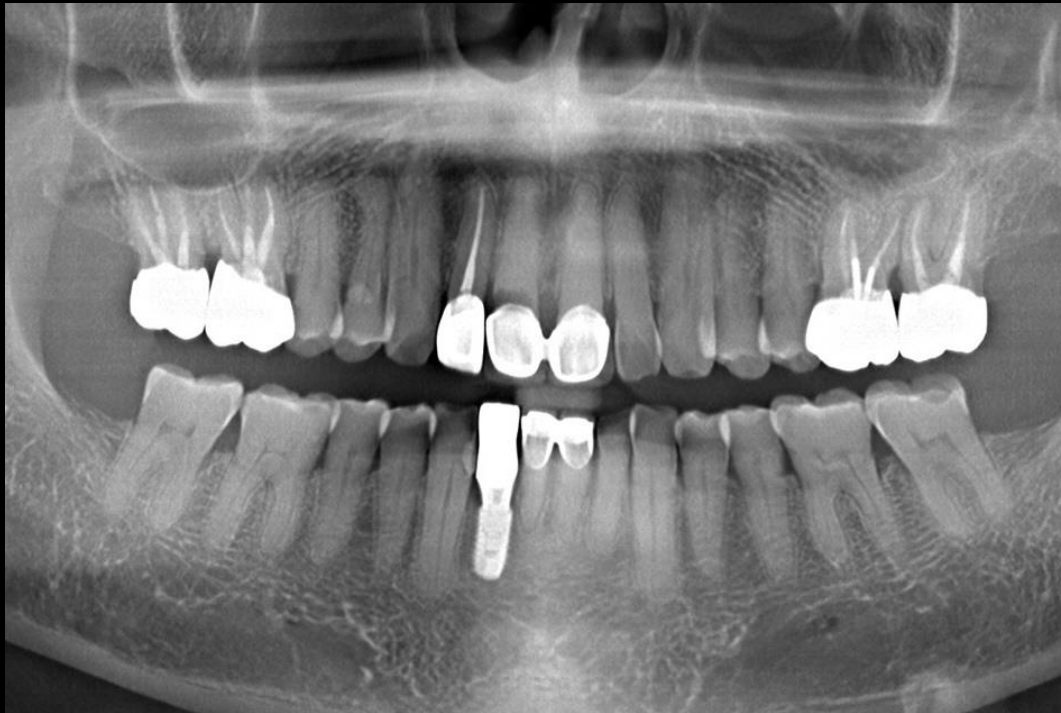
Immediate implantation with Root shield technique



Final prosthesis

Similar case 2

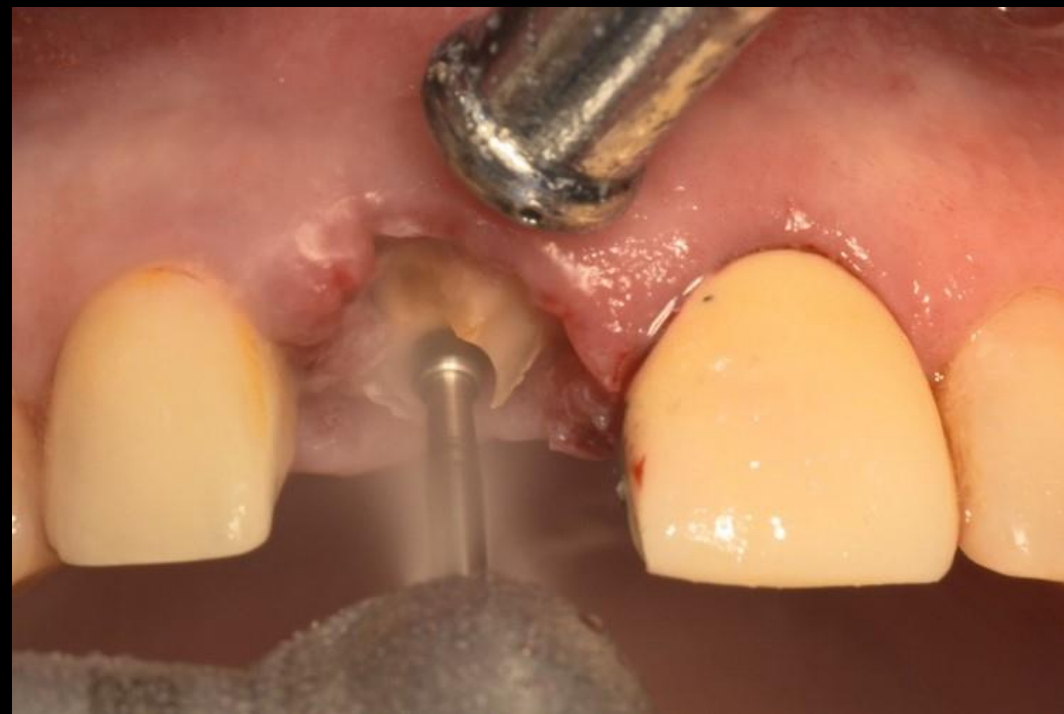
Immediate implantation with Root shield technique



Pre-op

Similar case 2

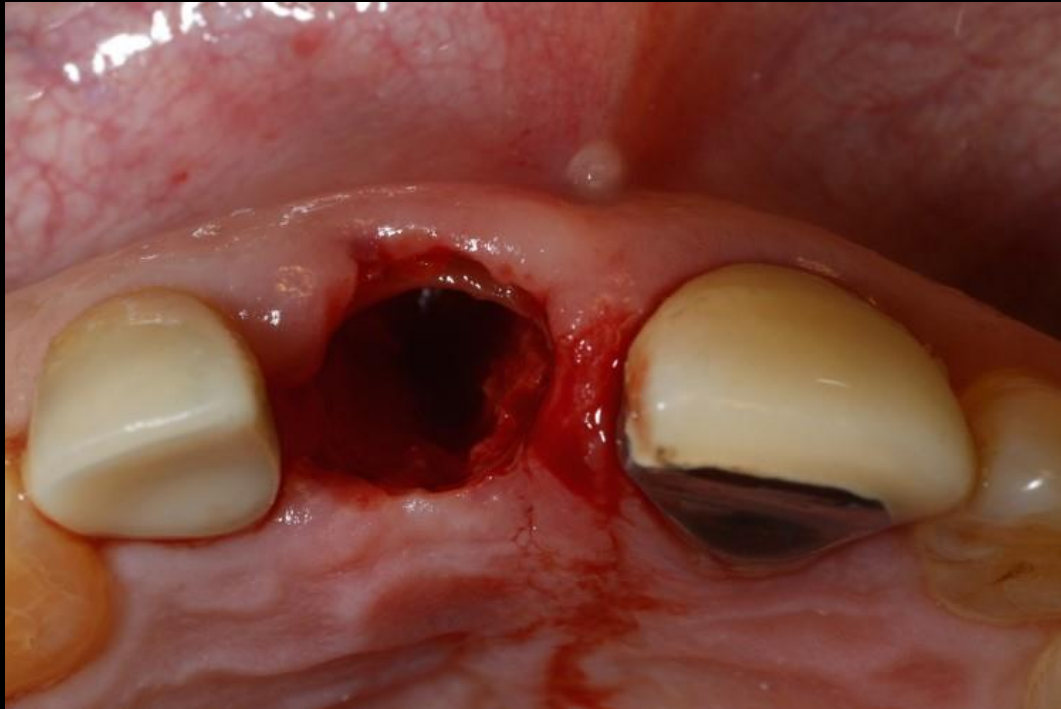
Immediate implantation with Root shield technique



Surgery

Similar case 2

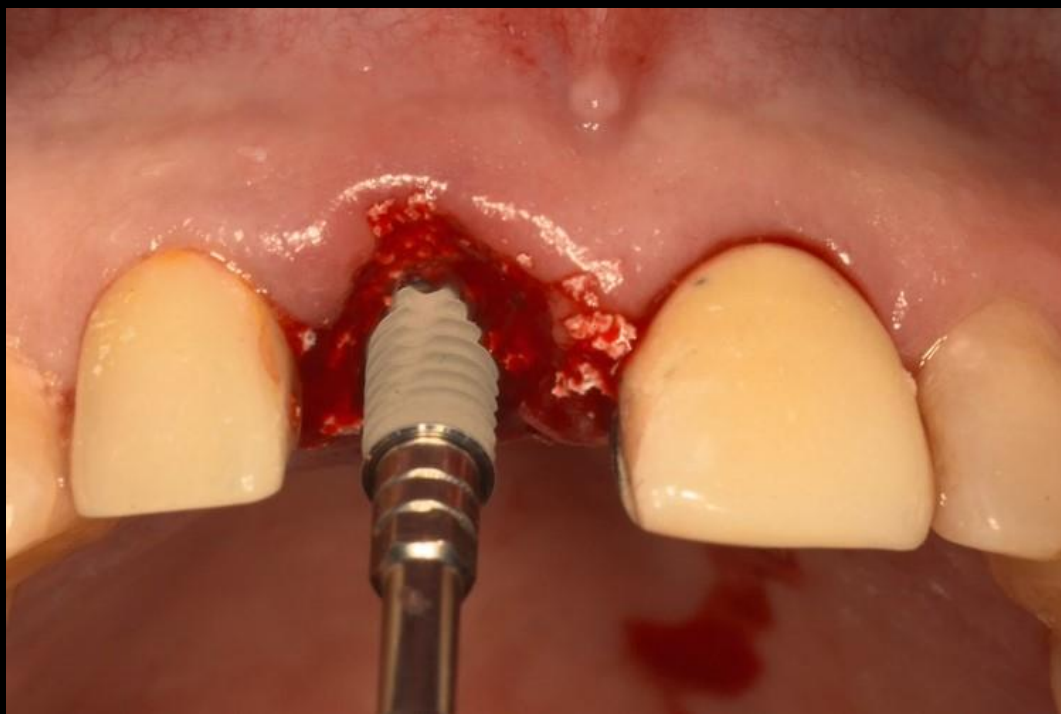
Immediate implantation with Root shield technique



Surgery

Similar case 2

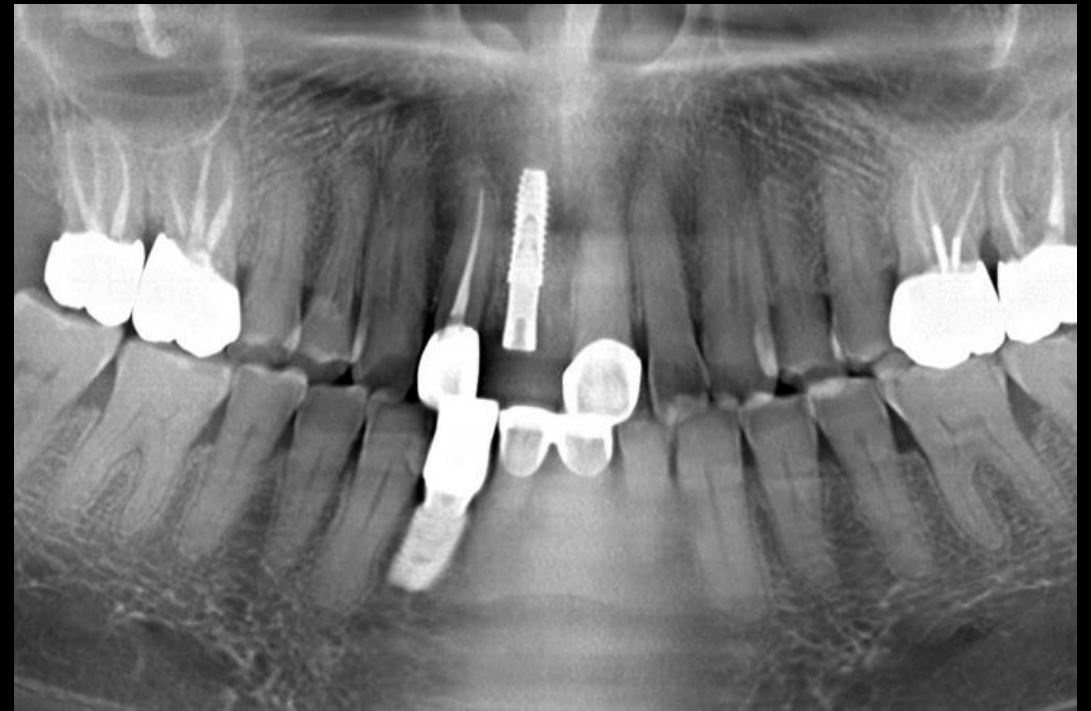
Immediate implantation with Root shield technique



Surgery

Similar case 2

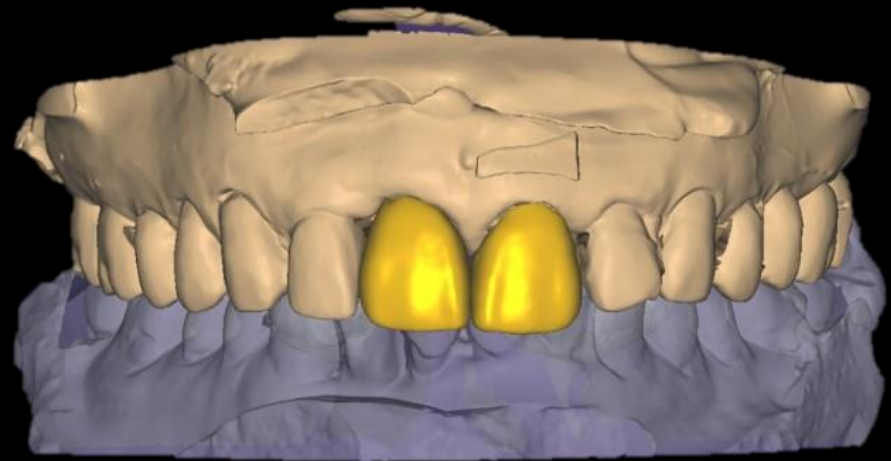
Immediate implantation with Root shield technique



Post-op

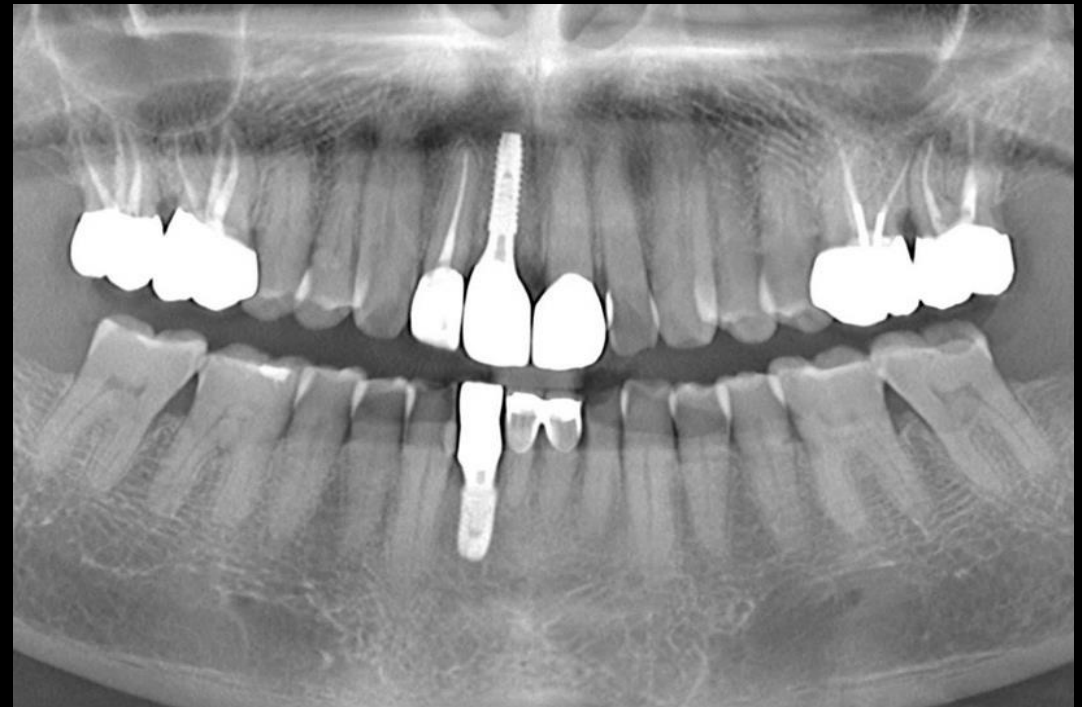
Similar case 2

Immediate implantation with Root shield technique



Similar case 2

Immediate implantation with Root shield technique



Final prosthesis