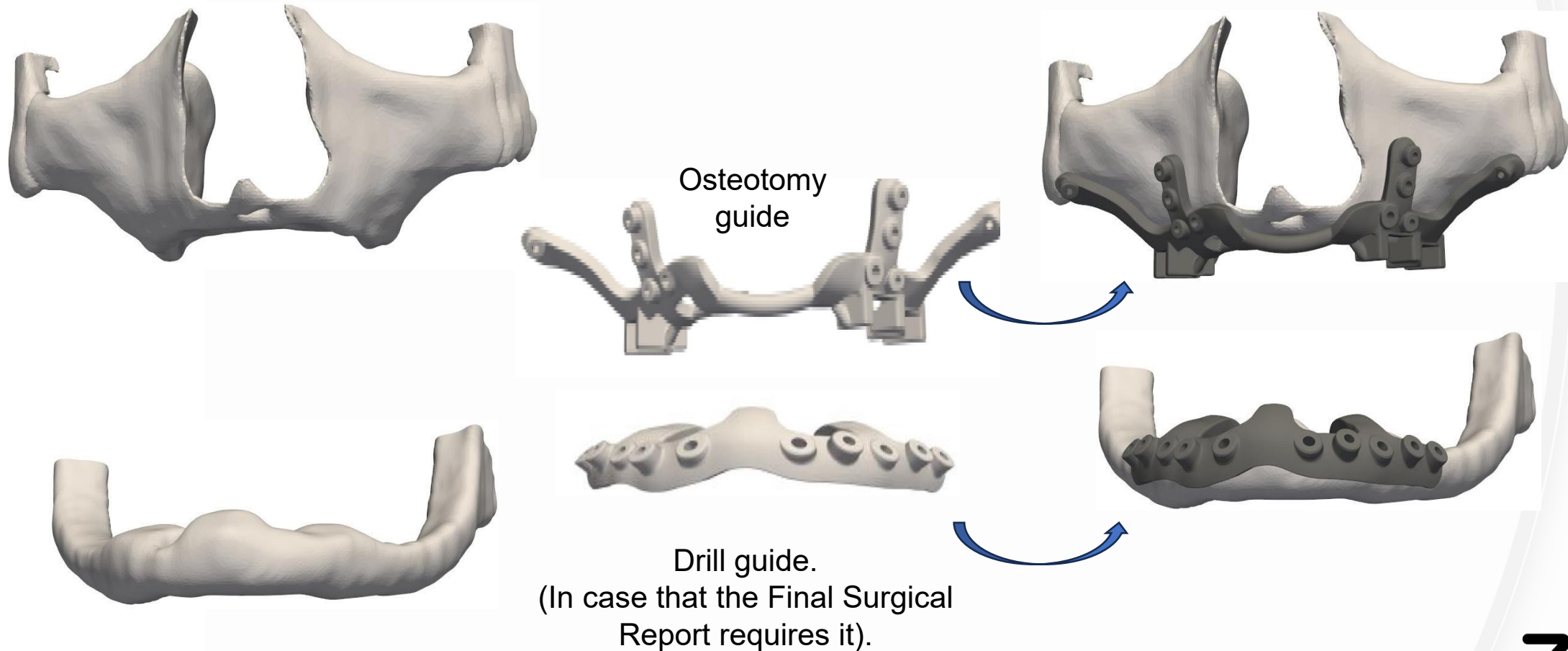


SUBPERIOSTEAL SURGICAL PROTOCOL

SURGICAL PROTOCOL

1st Step: Positioning and adjustment of the osteotomy guide.

In case that there is Drill guide, positioning instead of the Osteotomy guide.



SURGICAL PROTOCOL

2nd Step: Drilling all guide inserts (reds and blues). The guides have piloted insertions design that protrudes from the guide by 0.8mm. This design allows the pilot drill to be inserted in an obligated direction, which is the direction the screws were planned by the engineers.

OSTEOSYNTHESIS DRILL MAXILLAR

DIAMETER	ASSOCIATED SCREW DIAMETERS	WORKING LENGHT	REFERENCE
1,2 mm	1.5, 2.0 & 2.4mm	12 mm	D-12T-M15



OSTEOSYNTHESIS DRILL MANDIBULE

DIAMETER	ASSOCIATED SCREW DIAMETERS	WORKING LENGHT	REFERENCE
1,4 mm	1.5, 2.0 & 2.4mm	14 mm	68-514-014

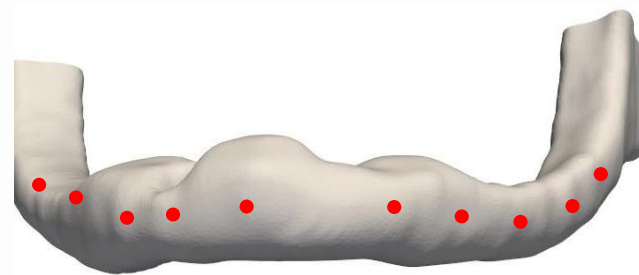


SURGICAL PROTOCOL

3rd Step (In case that there is Drill guide): Remove the Drill guide.
Place the Osteotomy guide.



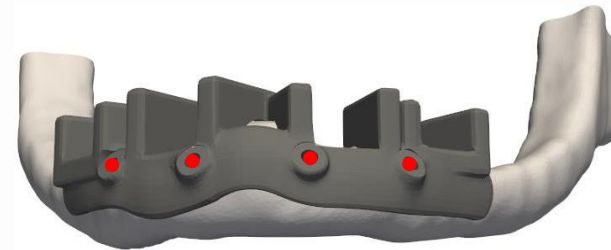
Remove the Drill guide



Osteotomy guide

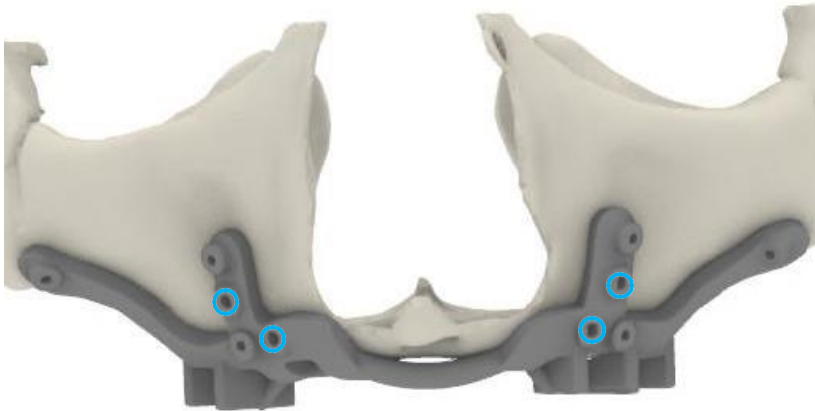


Place the Osteotomy guide



SURGICAL PROTOCOL

4th Step: Screw all the blue inserts with 1.5 x 9 mm screws (green) and fixing the guide to the maxilla.

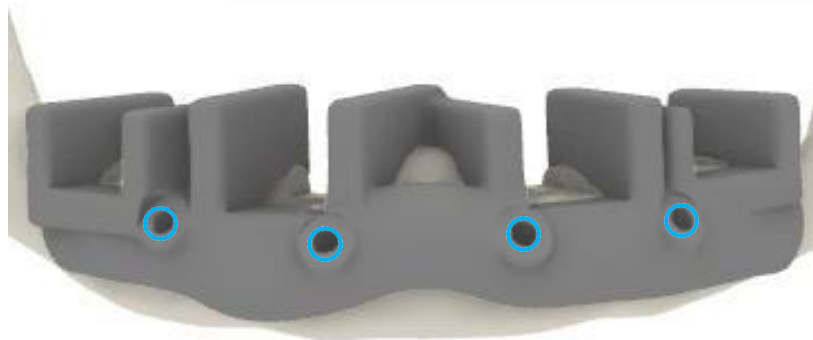


MANUAL CONTRA-ANGLE TIP / HANDLE

ASSOCIATED SCREW DIAMETER	LENGHT	REFERENCE
1,5 mm	Long shaft 6 cm. C/A.	OALT1K



REF.
MTM

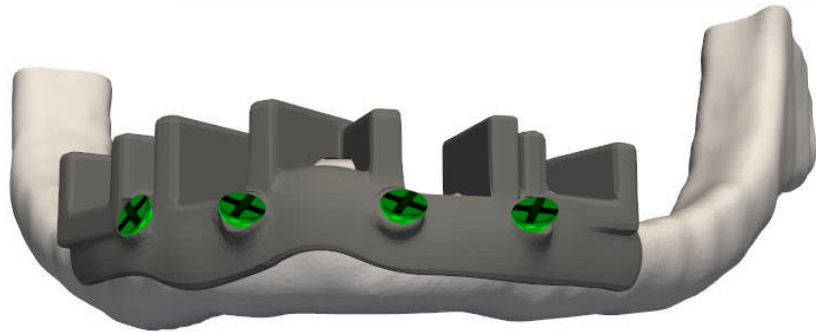
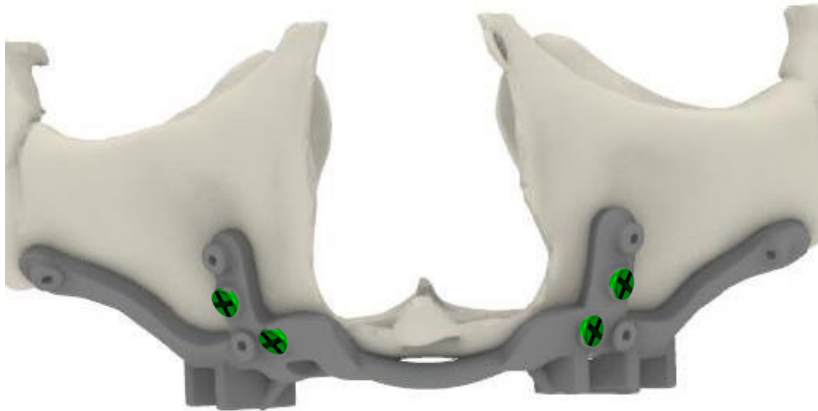


OSTEOTOMY SCREW

DIAMETER	ANODIZING COLOUR	LENGTH	REFERENCE
1,5 mm		9 mm	VA1.5KL9

SURGICAL PROTOCOL

5th Step: Osteotomy the osteotomy guide “drawers”.



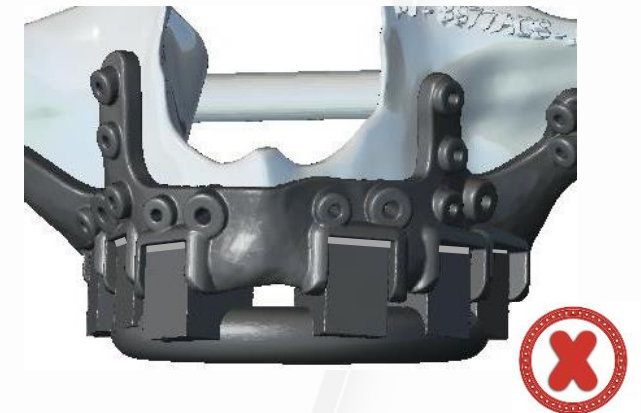
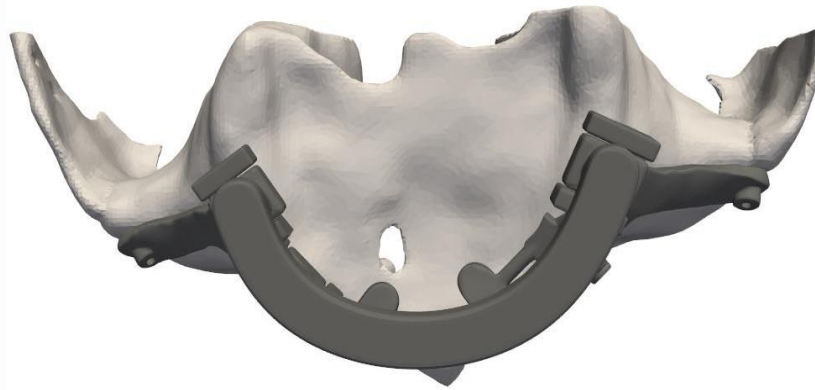
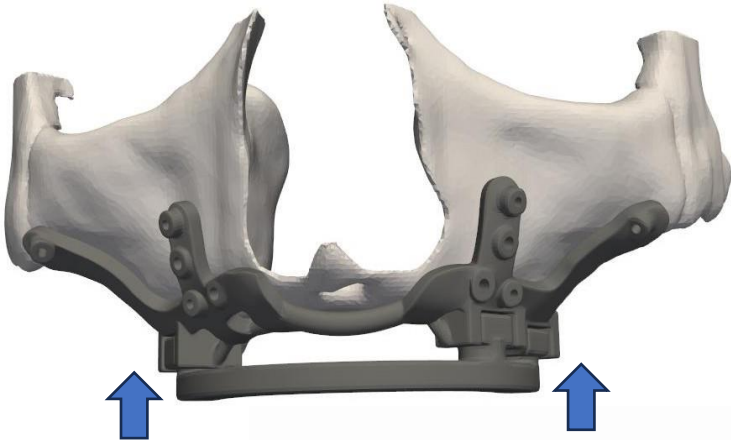
Cylindrical ceramic drill

Cone ceramic drill

Cylindrical diamond drill

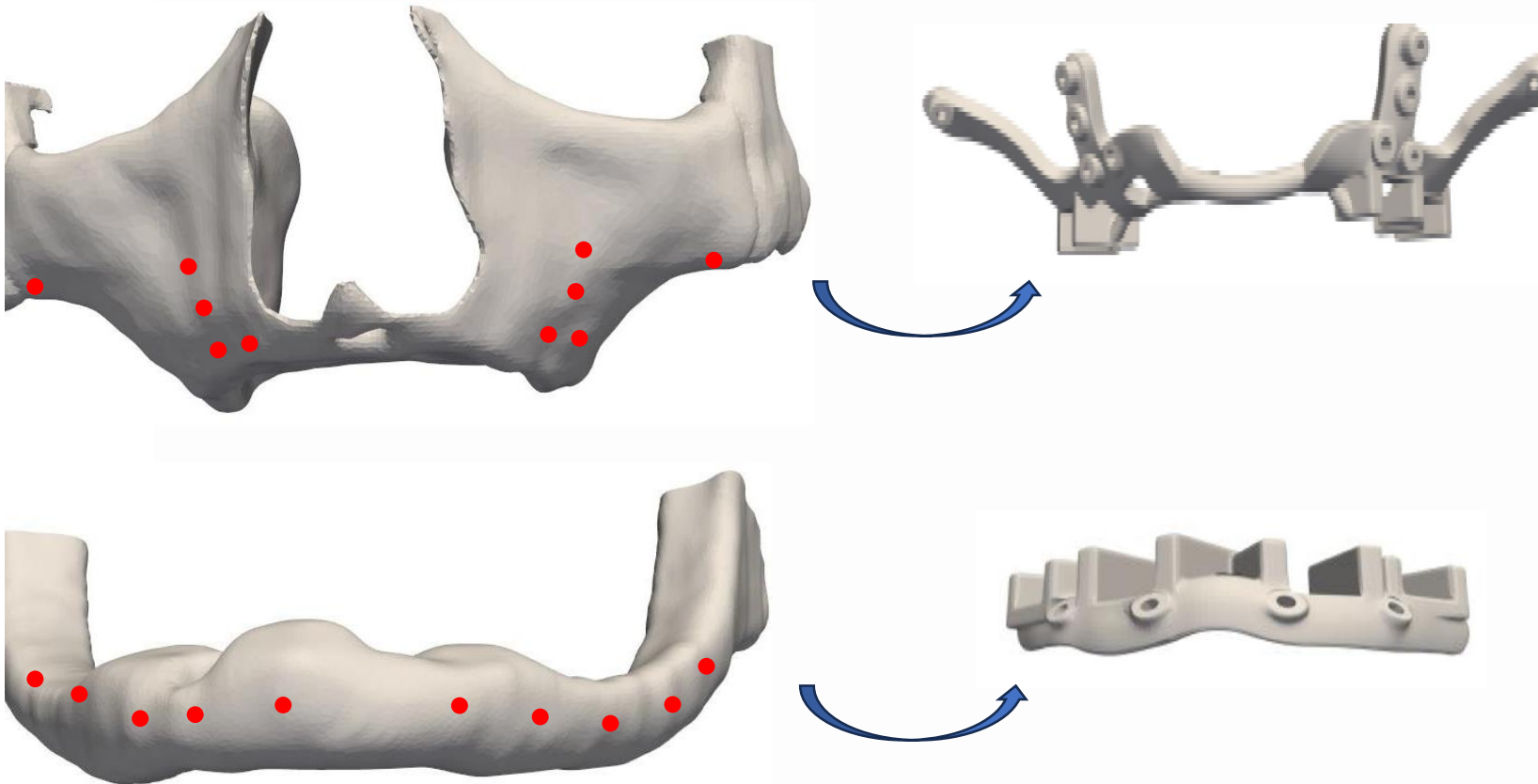
SURGICAL PROTOCOL

6th Step: Checking the correct osteotomy placing the verification guide to the osteotomy guide.



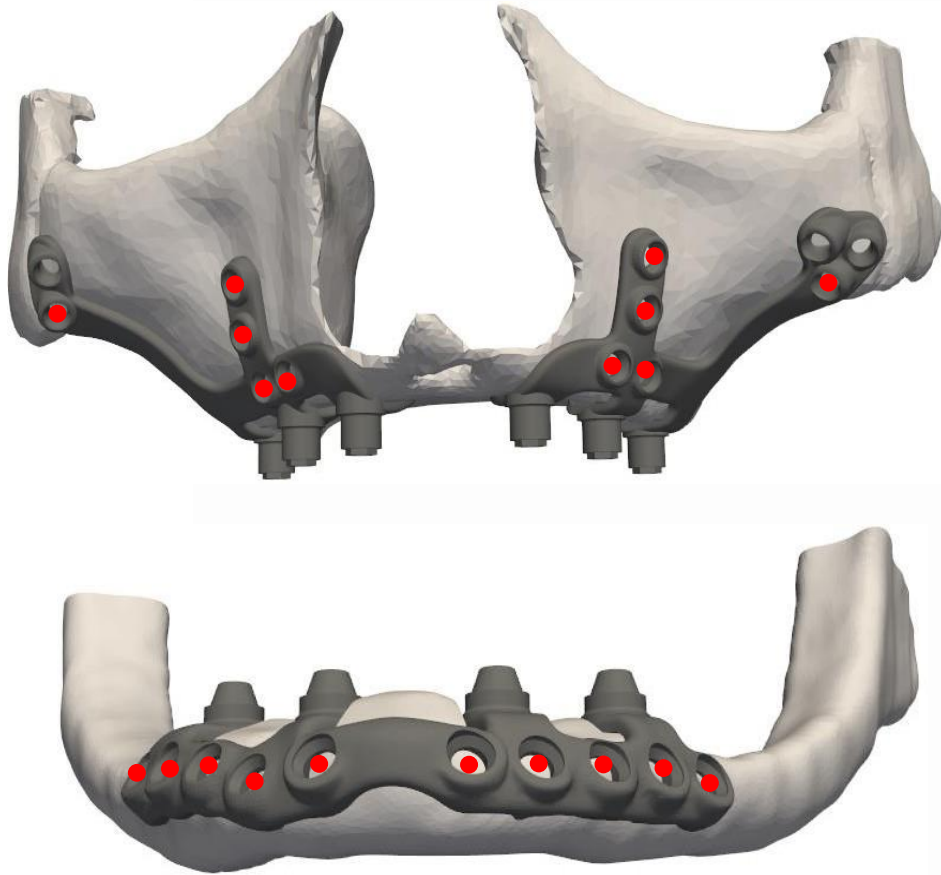
SURGICAL PROTOCOL

7th Step: Removal of the osteotomy guide.



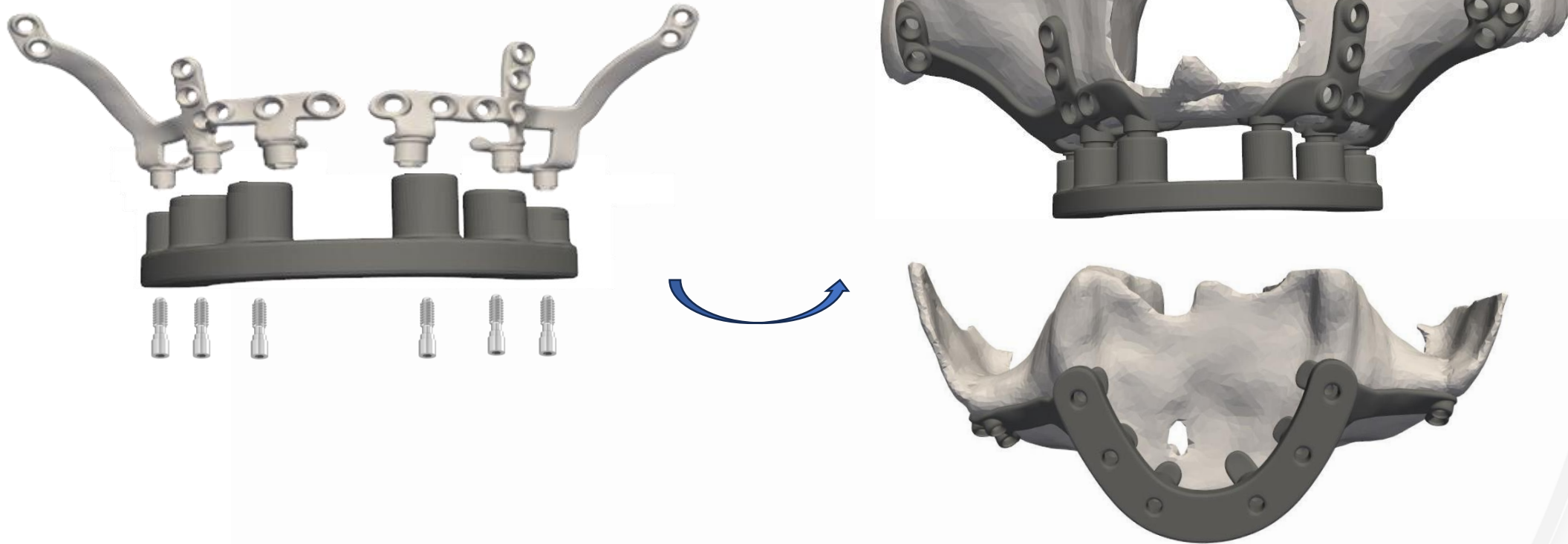
SURGICAL PROTOCOL

8th Step: Positioning the subperiosteal implant structures, the pilot drills has been centered to the center of the Ti structure holes.



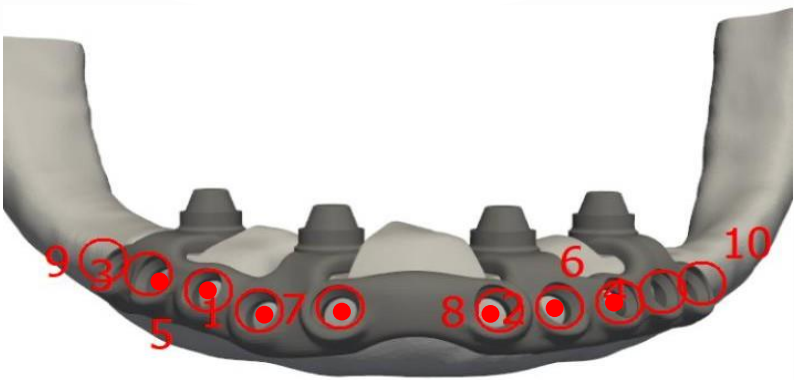
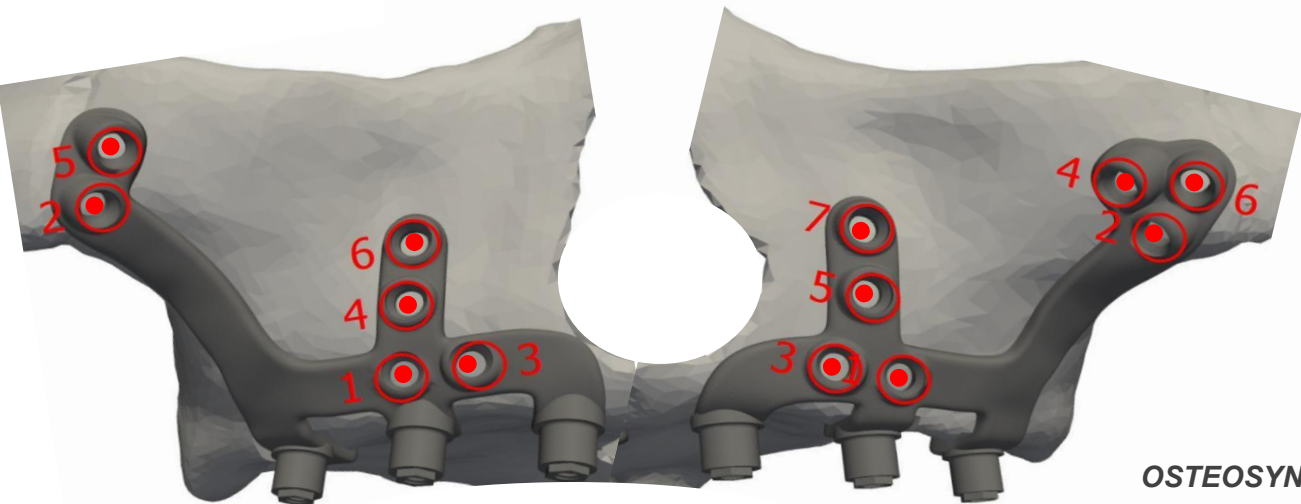
SURGICAL PROTOCOL

9th Step (in case that the Final Surgical Report requests it): Fix (with or without screws) the splinting surgical guide to the Ti implant structures.



SURGICAL PROTOCOL

10th Step: Screwing ALL the Ø2.0 mm screws following the Final Surgical Report order.



MANUAL CONTRA-ANGLE TIP / HANDLE



ASSOCIATED SCREW DIAMETER	LENGHT	REFERENCE
2.0 & 2.4 mm	3 cm.	ACT2K-2
2.0 & 2.4 mm	6 cm	ALT2K-2

REF.
MTM

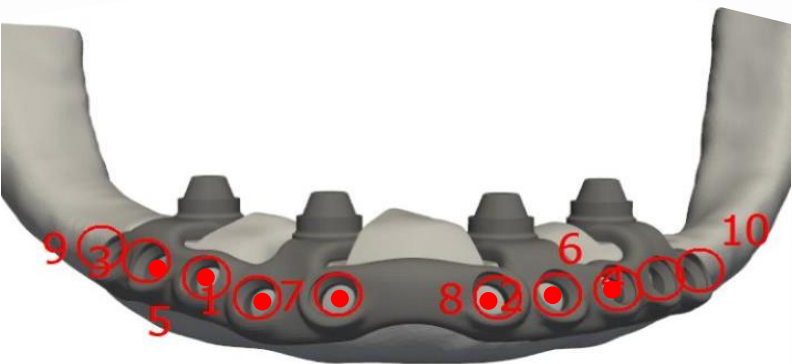
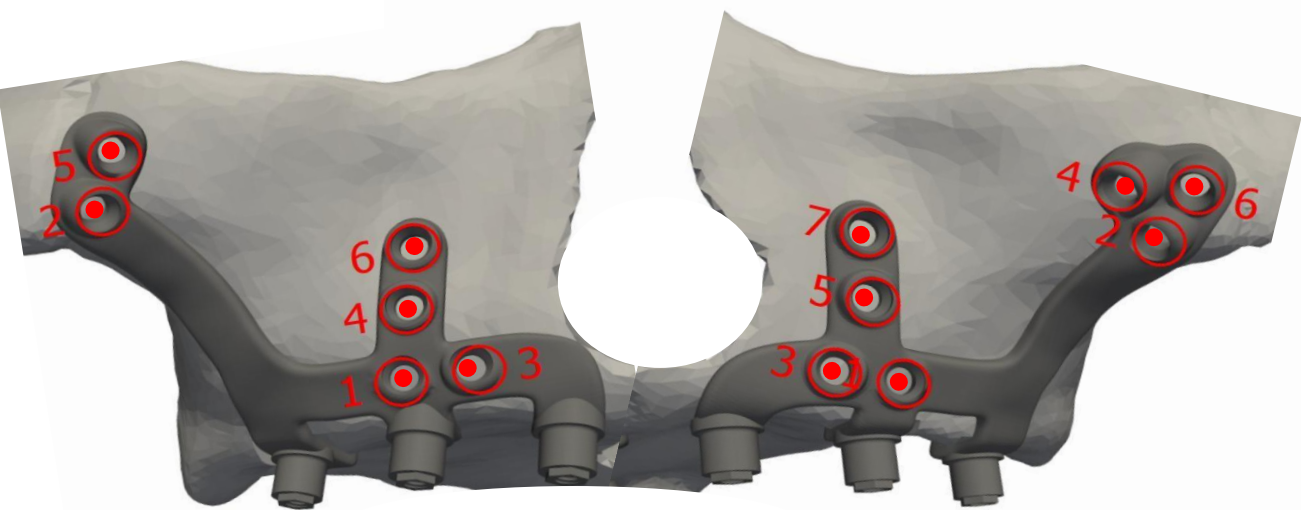
OSTEOSYNTHESIS SCREW

SCREWS Ø 2,0 MM	ANODIZING COLOUR	LENGHT	REFERENCE
		5 mm	VA2KL5
		6 mm	VA2KL6
		7 mm	VA2KL7
		9 mm	VA2KL9
		11 mm	VA2KL11



SURGICAL PROTOCOL

10th Step: Screwing Ø2.4 mm rescue screws in the case that the 2.0mm do not have stability.



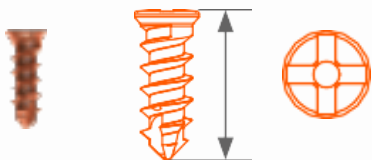
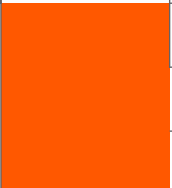
MANUAL CONTRA-ANGLE TIP / HANDLE



ASSOCIATED SCREW DIAMETER	LENGHT	REFERENCE
2.0 & 2.4 mm	3 cm	ACT2K-2
2.0 & 2.4 mm	6 cm	ALT2K-2

REF.
MTM

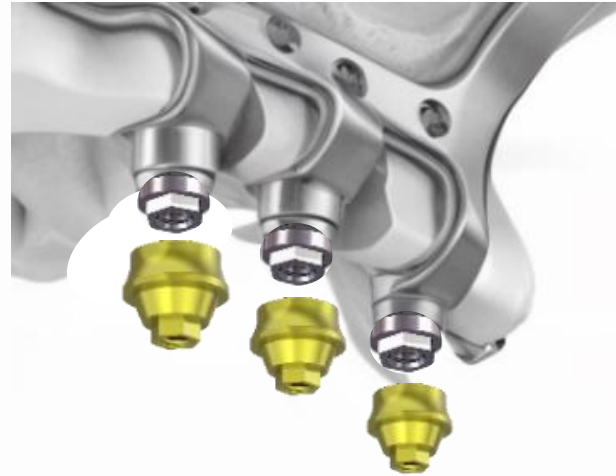
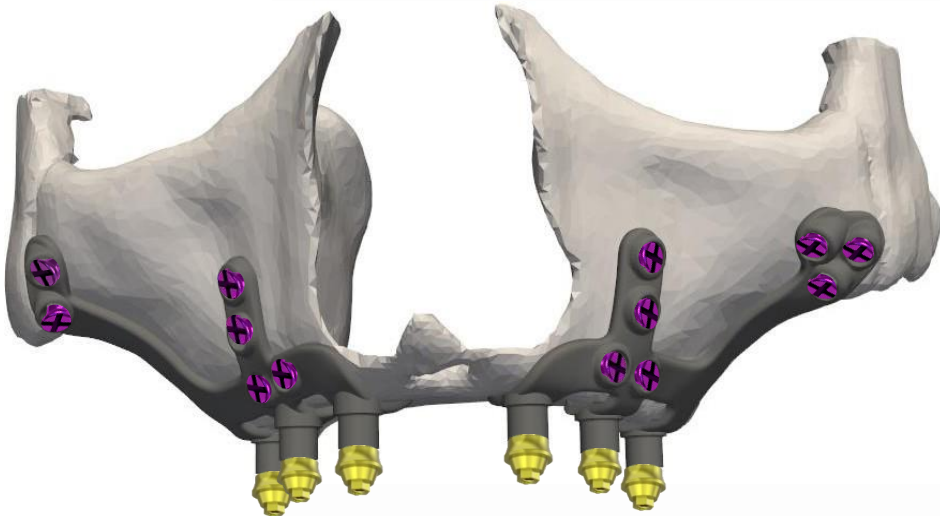
OSTEOSYNTHESIS RESCUE SCREW

SCREWS Ø 2,4 MM	ANODIZING COLOUR	LENGHT	REFERENCE
		7 mm	V2.4KL7
		9 mm	V2.4KL9
		11 mm	VA2.4KL11



SURGICAL PROTOCOL

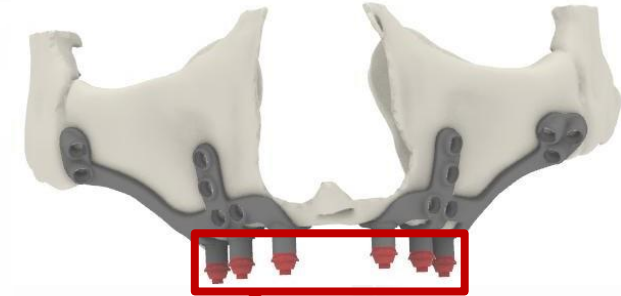
11th Step: Screw the Multi-unit abutments suggested to the Final Surgical Report.



External hex implant connections



Multi-unit abutment implants connections

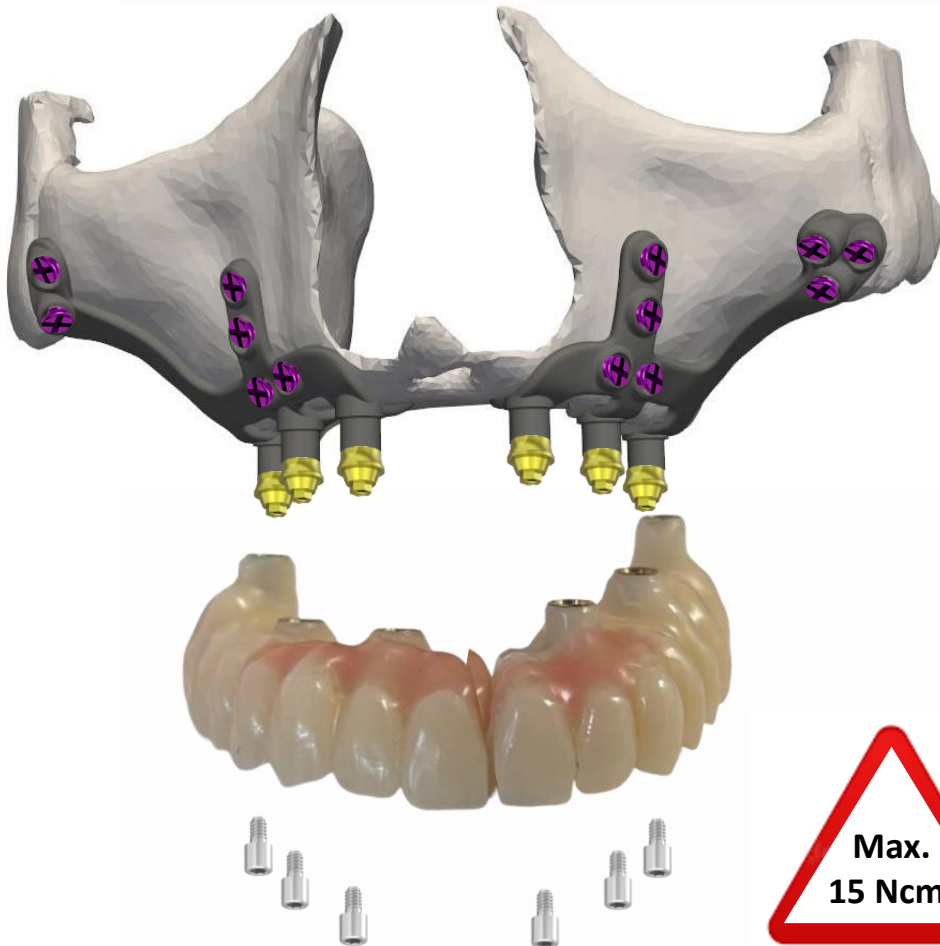


MUAs AMCZ1



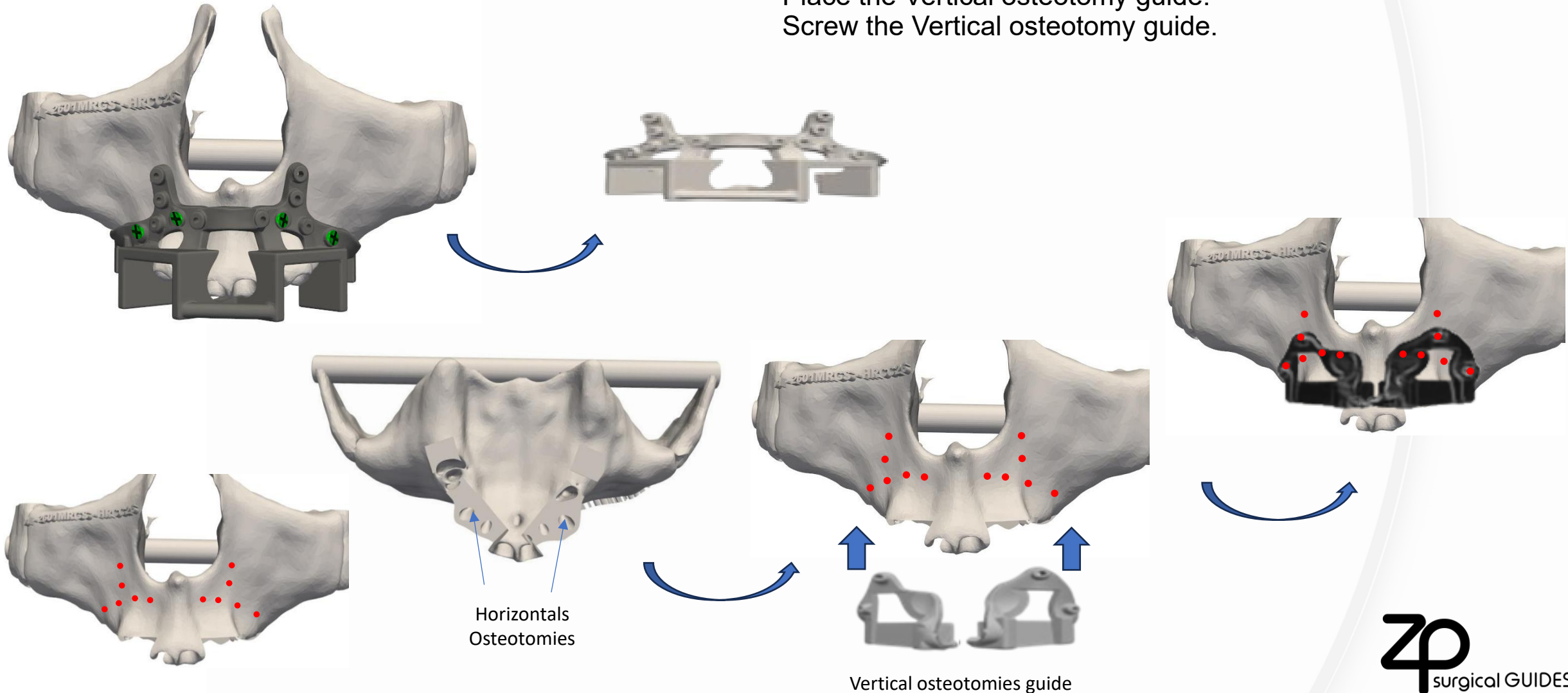
SURGICAL PROTOCOL

12th Step: Place the provisional & screw the Multi-unit screws.



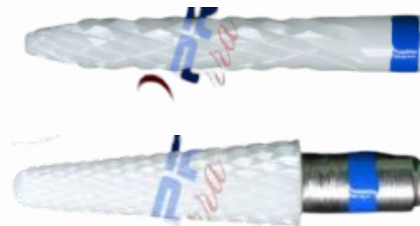
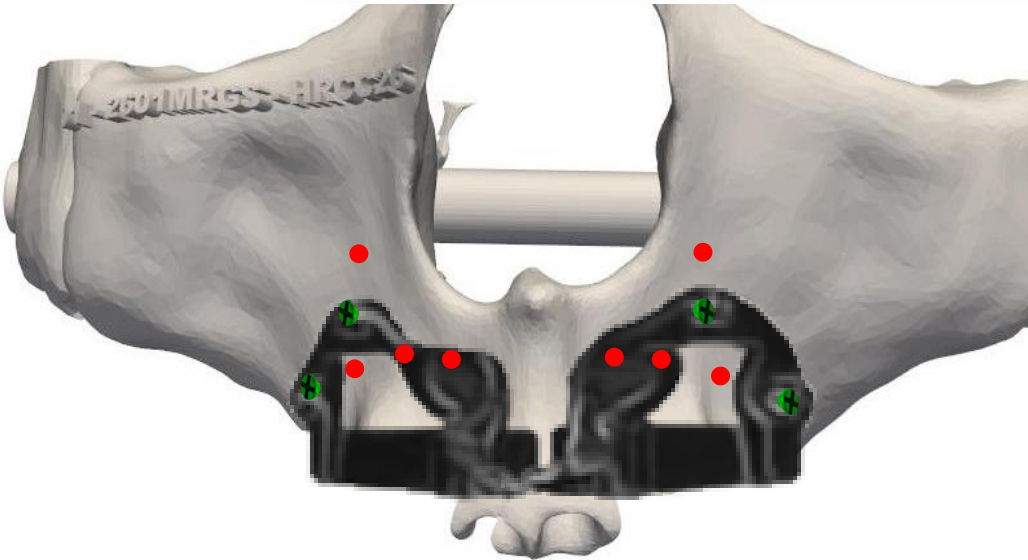
SURGICAL PROTOCOL

5th B Step (In case that there is Vertical osteotomy guide): Remove the Osteotomy guide.
Place the Vertical osteotomy guide.
Screw the Vertical osteotomy guide.



SURGICAL PROTOCOL

5th B Step: Osteotomy the “drawers” of vertical osteotomy guide.



Cylindrical ceramic drill

Cone ceramic drill



Cylindrical diamond drill