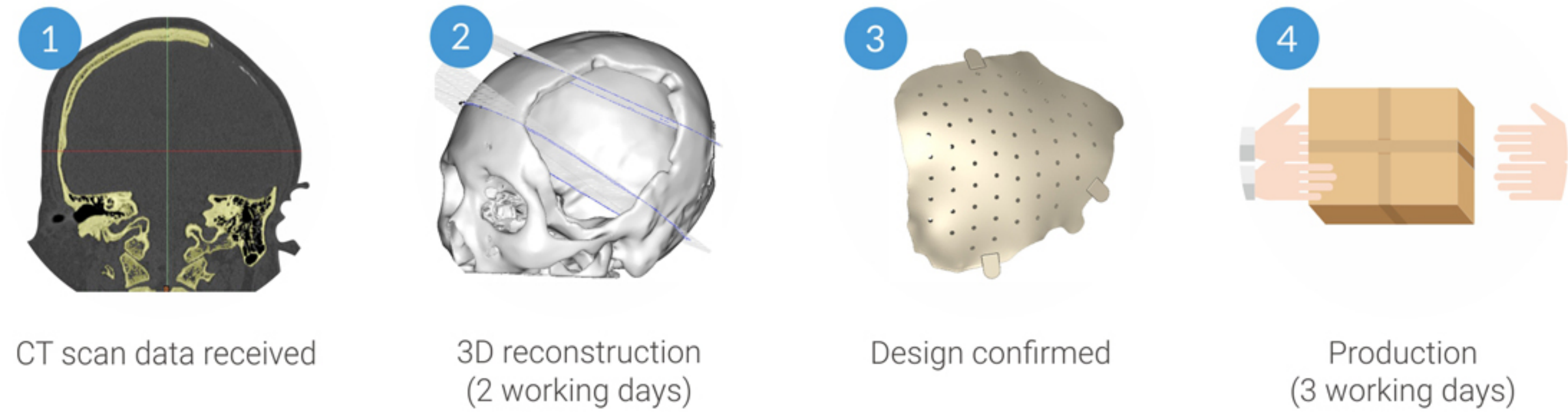


Data Requirement	
Data source	CT
Data format	DICOM (other picture formats are not acceptable)
Slice thickness	<1.5mm. (preferably 0.6mm-1mm)
Scan range	scan edges should be beyond the defect by at least 10mm.

Order Process



Sterilization Instruction

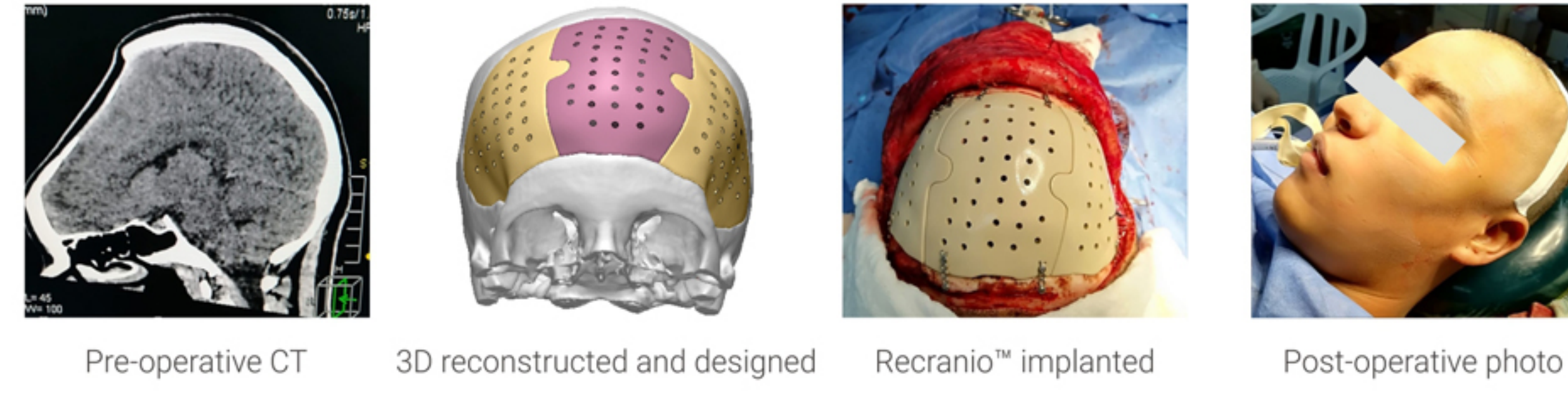
The cranial implant is supplied NON-STERILE and is intended for single use.
Recommended parameters for sterilization of the NON-STERILE implant:

Method	Temperature	Time
Steam	121 °C	30 minutes
Steam	134 °C	4 minutes

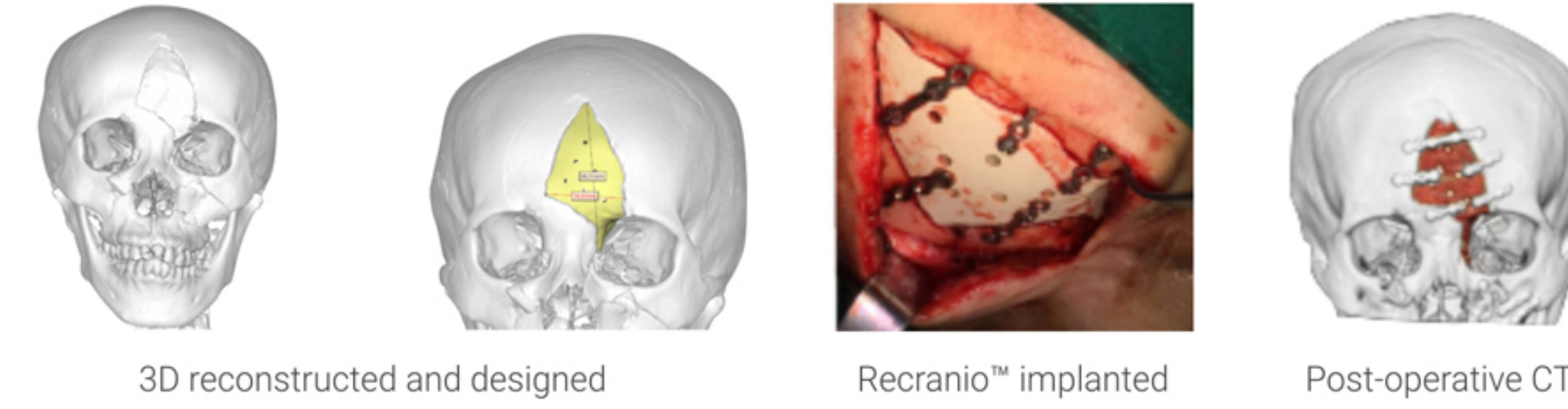


Clinical Cases

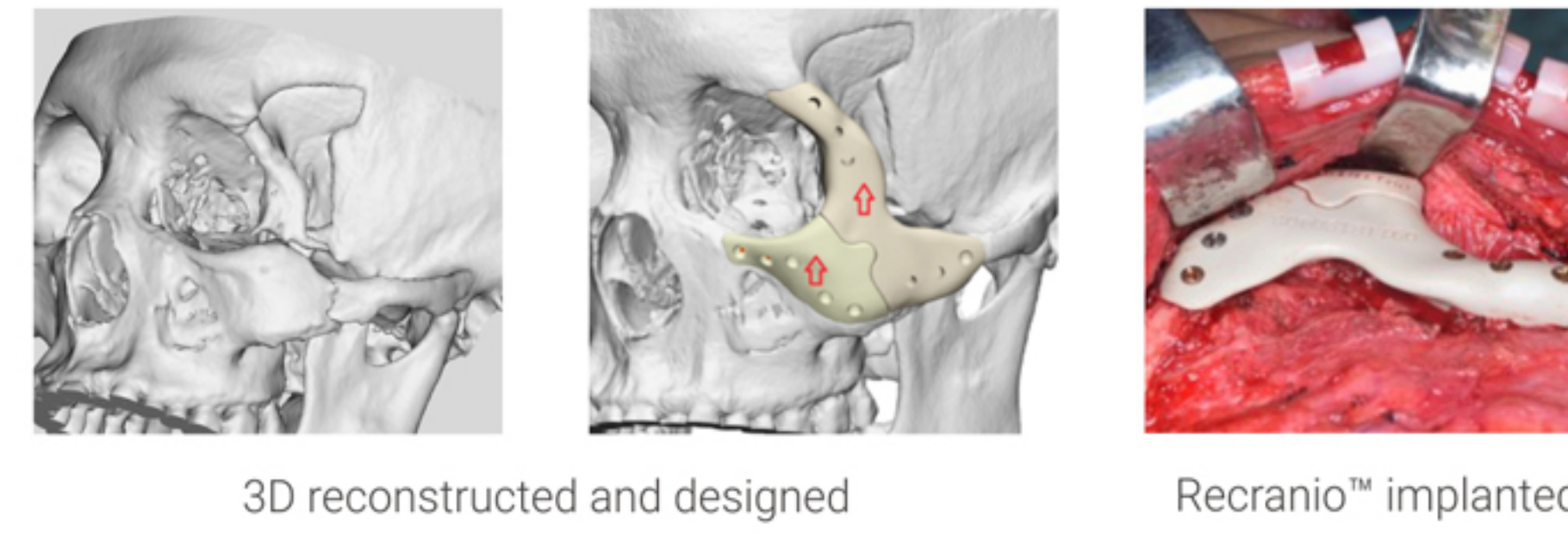
Case 1 Massive cranial defect 3 pieces inlay, Female, 22 years old



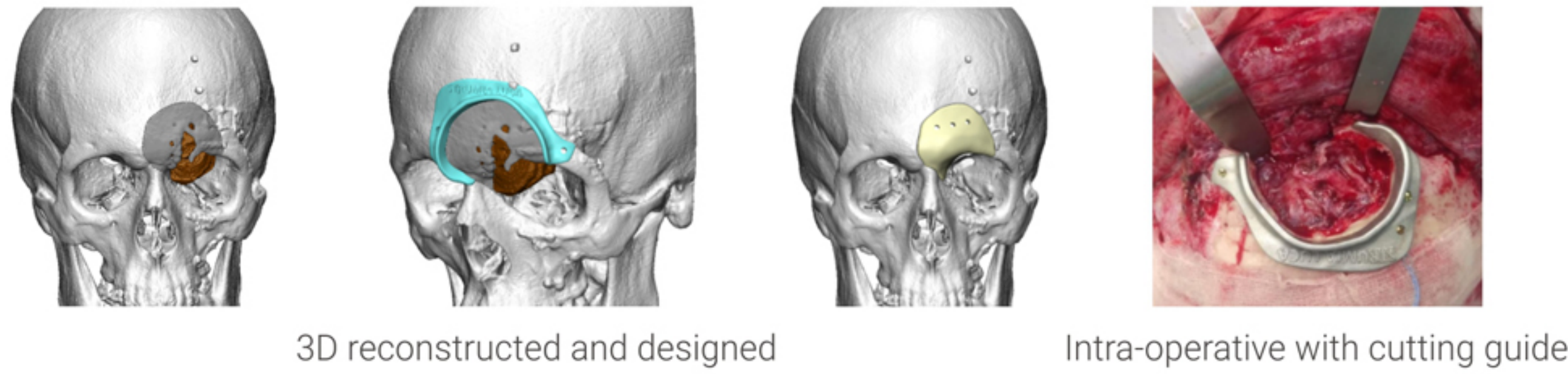
Case 2 Frontorbital defect, Female, 21 years old



Case 3 Maxillofacial defect, Male



Case 4 3D designed cutting guide, Hematoma in left orbital region



Recranio™

Customized Cranio-Maxillofacial Repair System



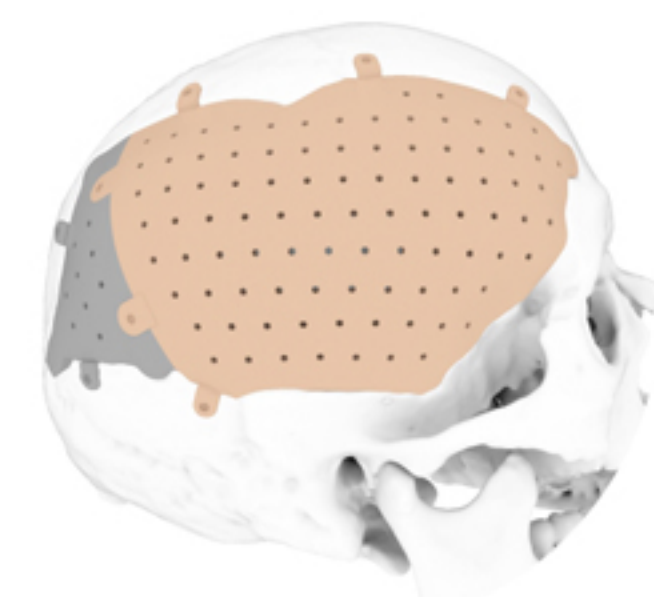
Medprin Biotech GmbH
Address: Gutleutstraße 163-167, 60327 Frankfurt
am Main, Germany
Tel: +49-69-580059970 Fax: +49-69-580059971
Email: Sales@medprin.com

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www.medprin.com

- PEEK material
- 3D reconstruction and design
- Minimal metal artifact



Key Features



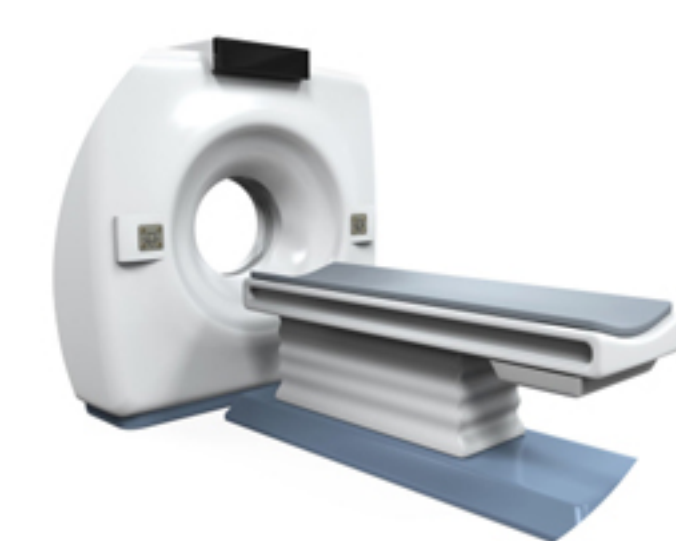
Customized shape and thickness

3D design and reconstruction based on patient's CT scan data, restore the contour and simulate bone thickness



Deformation resistant

Recranio™ can withstand compression pressure up to 530 PSI



CT MRI compatible

Minimal artifact



Heat resistant

Low heat conductivity



Similar elastic modulus with native bone

Made of Polyether ether ketone (PEEK)

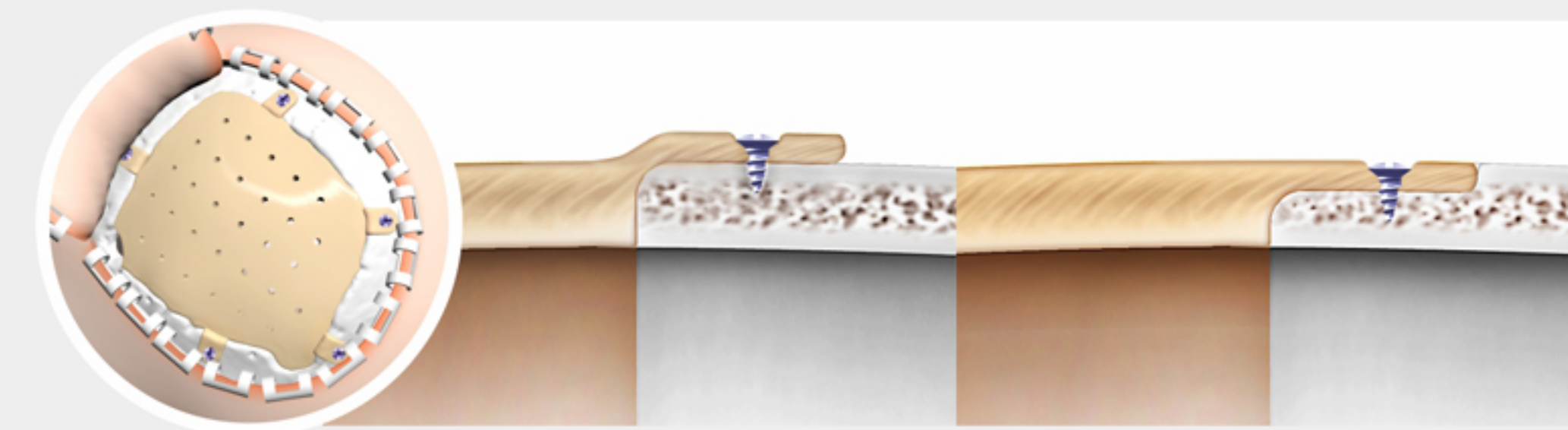
- Non-absorbable & biocompatible
- Used for medical implantable device for more than 20 years.



Optional Designs

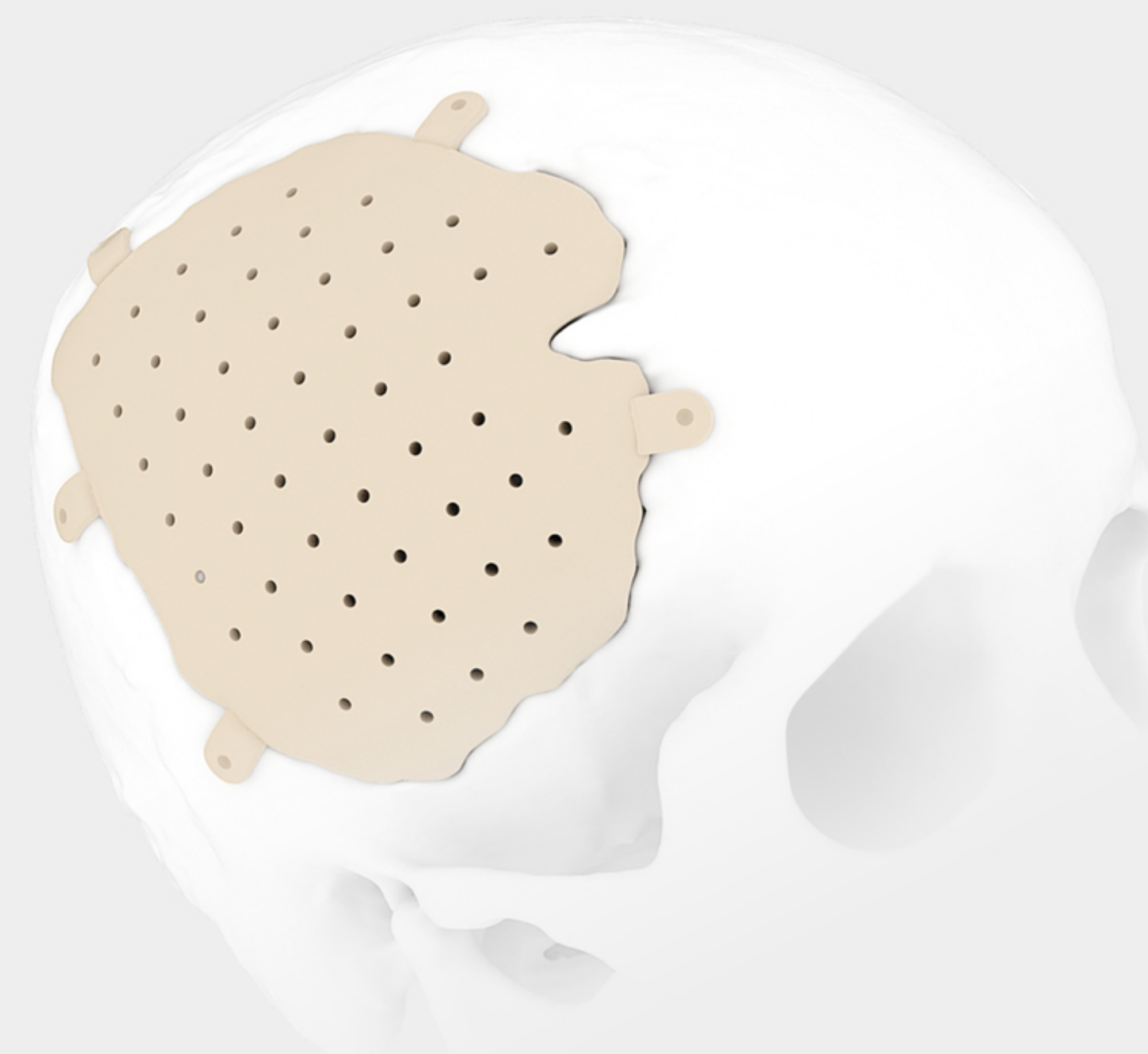
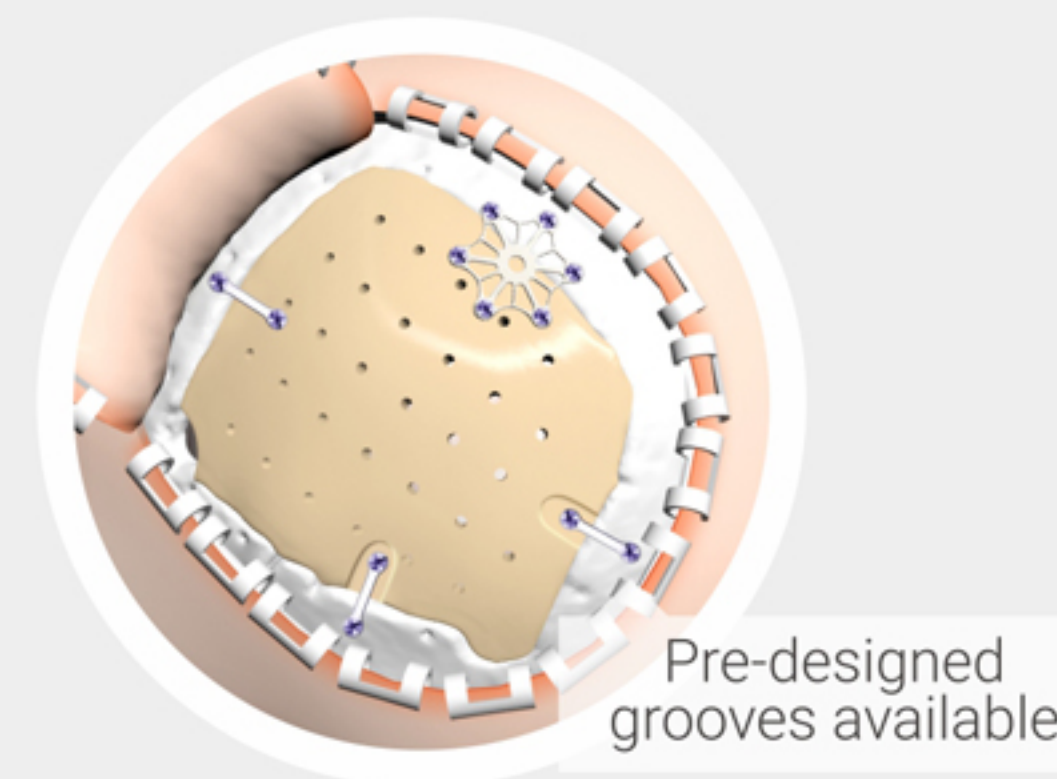
Bridge

Less titanium screws, less metal artifact, less surgery time.



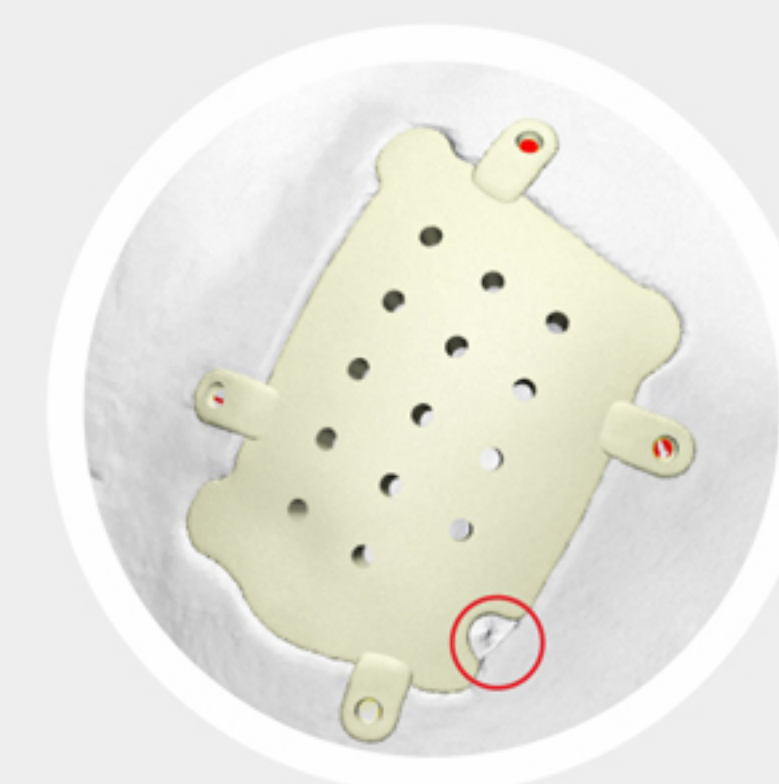
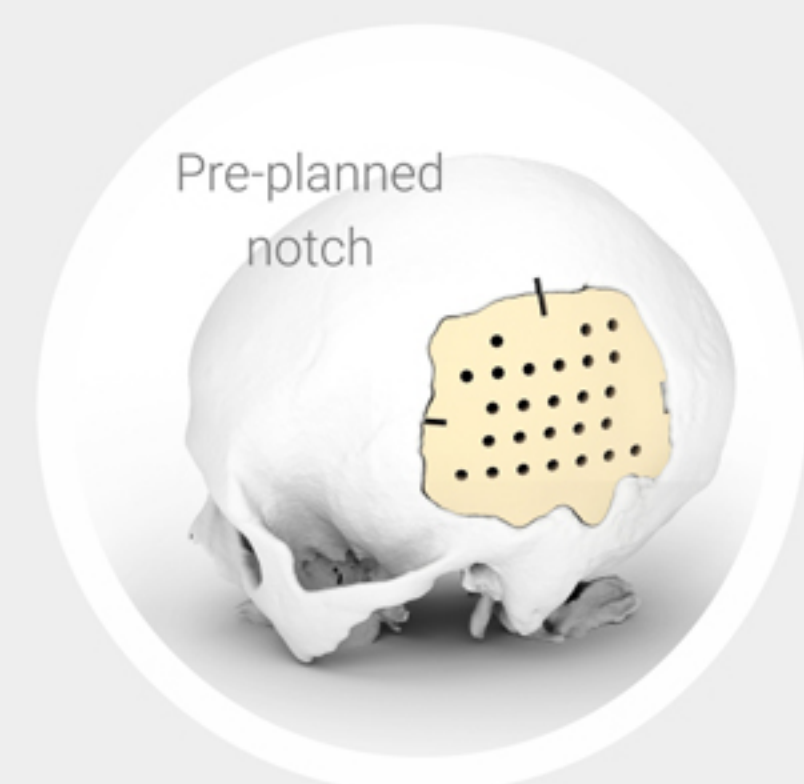
Groove

Avoid causing protrusion and friction between the screws and scalp.



Notch

With notch design, no need for milling on implant if clamp applied.



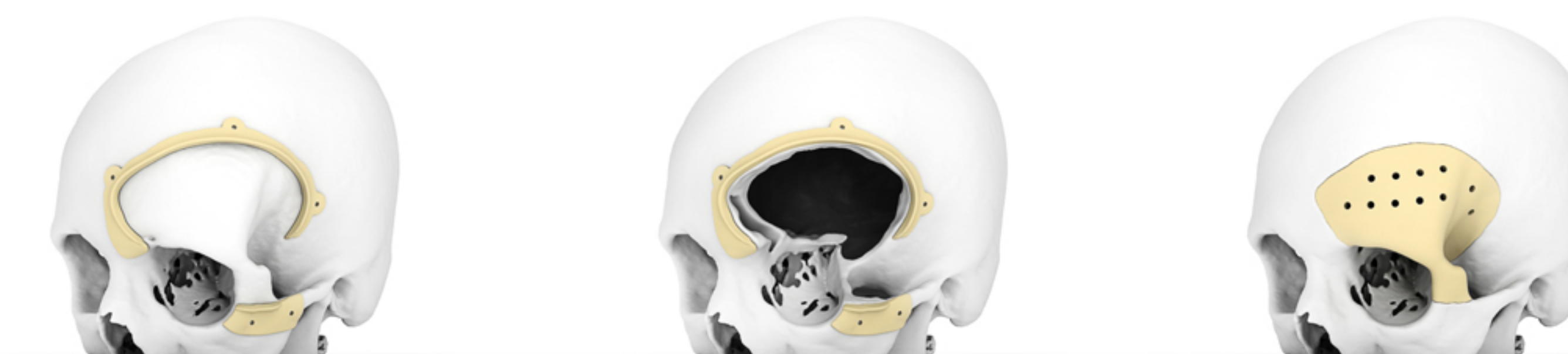
Drainage hole

No need for milling on the implant in case post-op drainage is needed.

Optional Special Accessories

Cutting guide

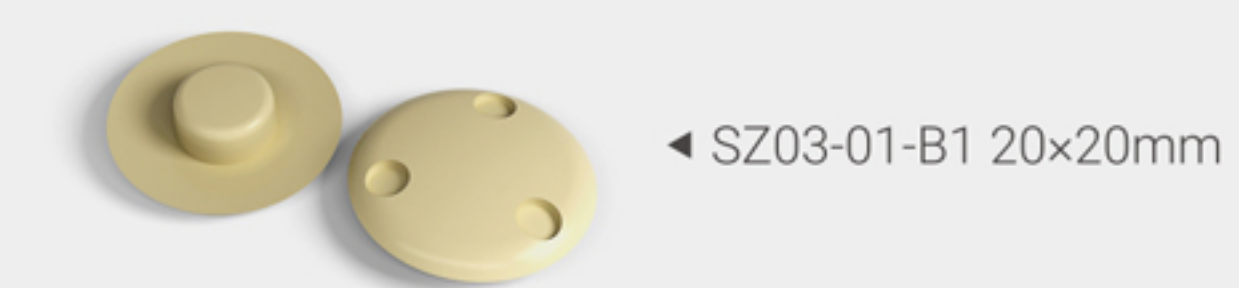
Enables precise bone removal



Plug & Plate



● PEEK plug, great design for burr hole coverage and bone flap fixation.



● PEEK plate

