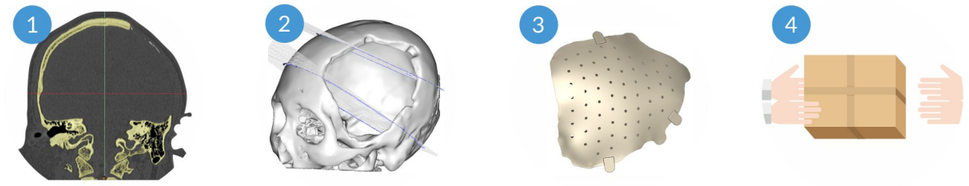
## Order process




1. CT scan data received
2. 3D reconstruction (2 working days)
3. Design confirmed
4. Production (3 working days)

## Data Requirement

| | |
|---|---|
| **Data source** | CT |
| **Data format** | DICOM (other picture formats are not acceptable) |
| **Slice thickness** | preferably 0.6mm-1mm (should be < 2mm) |
| **Scan range** | scan edges should be beyond the defect by at least 10mm. |

## 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±1) ℃ | 30 minutes |



MEDPRIN

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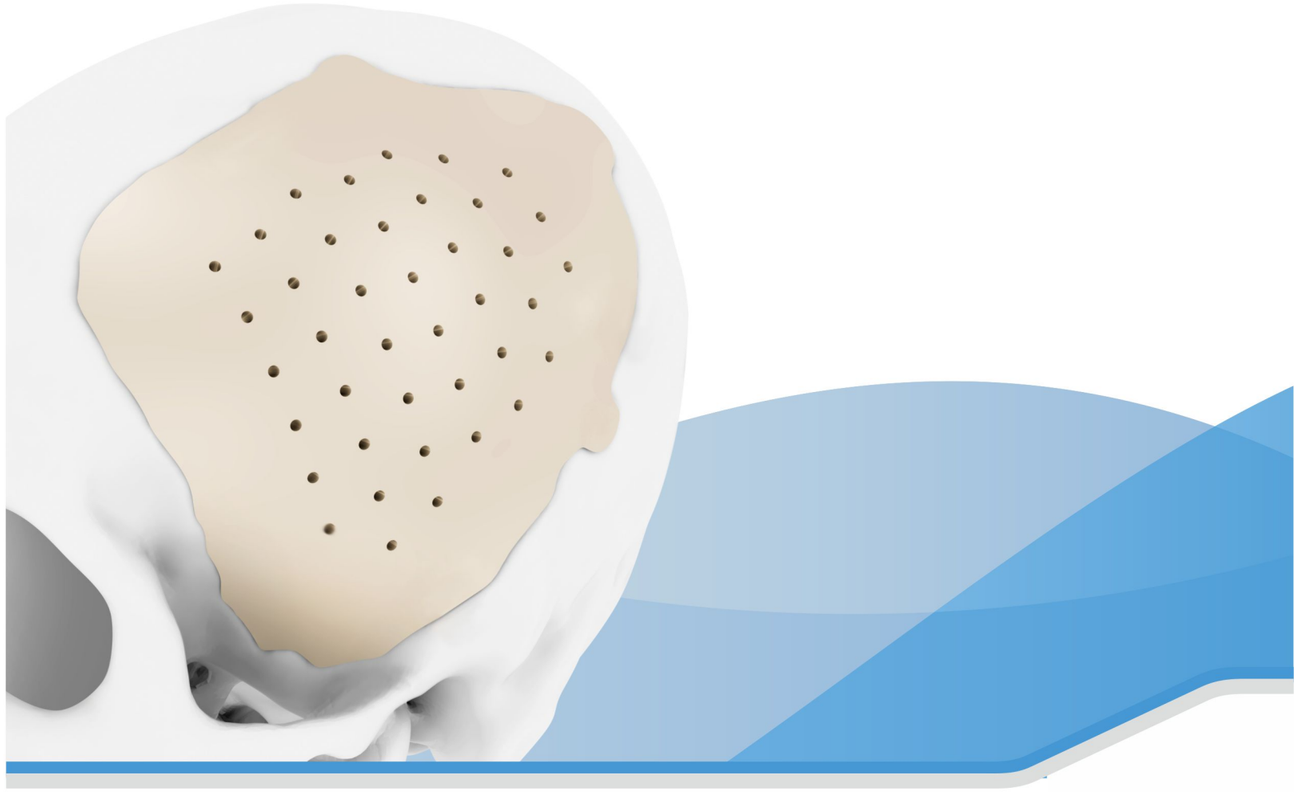
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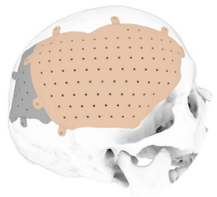
# Recranio™

**Customized** Cranio-Maxillofacial Repair System



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

MEDPRIN



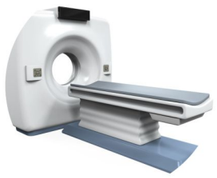
## Perfect matching

3D design and reconstruction based on patient's CT scan data



## Deform resistance

Recranio™ can withstand compression pressure up to 530 PSI



## CT MRI compatible

Minimal artifact



## Heat resistance

Low heat conductivity

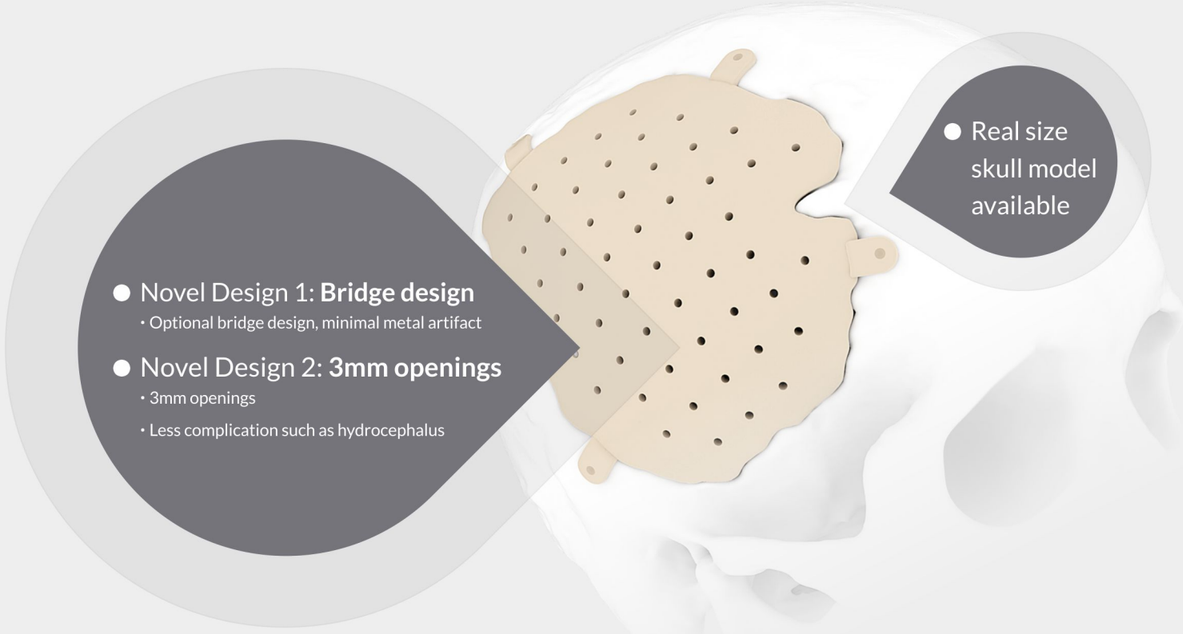



## Similar elastic modulus with native bone

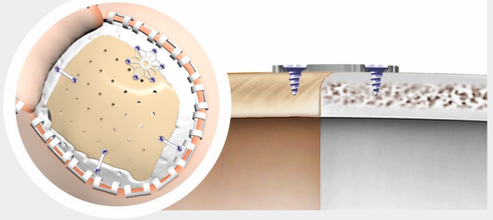
## PEEK Polyether ether ketone

Recranio™ is a cranio-maxillofacial repair system intended for replacement of cranial and craniofacial defects. The implant is shaped and sized to perfectly fit the anatomy of individual patients.

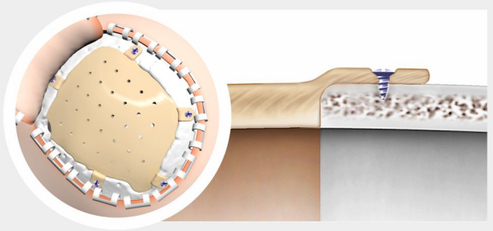




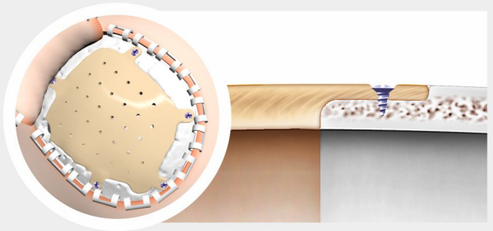

No bridge, fixed by Ti plates and screws

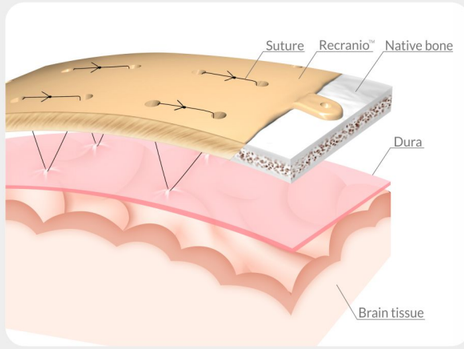


Raised bridge, fixed by Ti screws



Flat bridge, fixed by Ti screws






## Dura suspension recommended

Recranio™ with openings enables dura suspension during surgery, which could reduce the incidence of subcutaneous hydrops and hematocele.