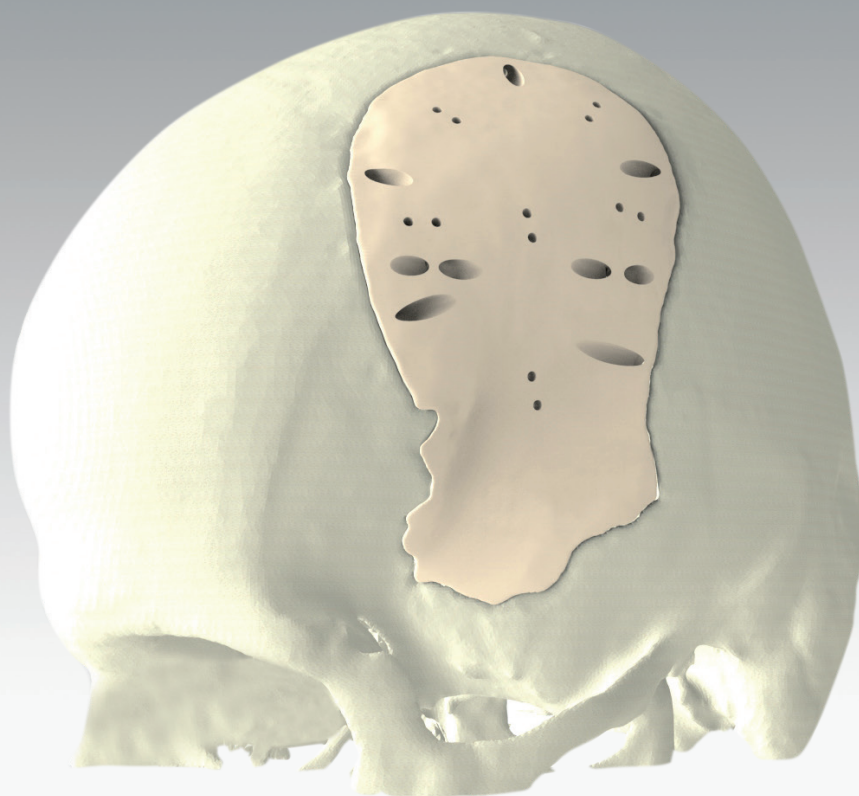


evonos

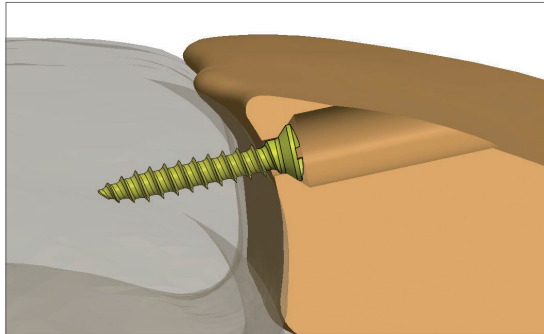


evo_SHAPE.

Patient Specific Implants

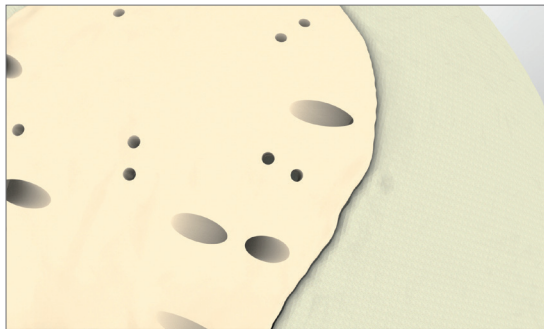
eVO_SHAPE.

Key Features & Benefits for Patients and Physicians



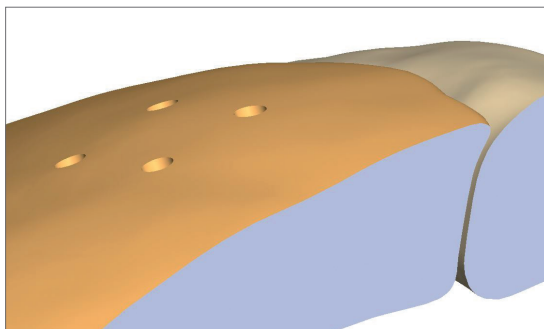
Tangential screws

to fix the implant at the bone.
No additional plates are required



Fixation holes

for fixing on the musculus temporalis and skin flaps



Perfect fitting

of the implant in regard to
3D software construction

- **One Step Procedure**
possible in occurrence of bone tumors
- **Online meeting**
to review the correct shape of the implant and position of the screws

Material advantages – PEEK-OPTIMA®

- **High strength**
EVO_SHAPE PEEK has high strength combined with ductility
- **Complex reconstructions**
EVO_SHAPE PEEK is light weight-making it ideal for use in the repair of large, highly complex reconstructions
- **Imaging compatibility**
Artefact free imaging with CT, MRI and X ray is possible with EVO_SHAPE PEEK implants. Favourable for tumor treatment
- **No thermal conductivity with PEEK materials**
Titanium implants can become too hot or too cold leading to patient discomfort following implantation
- **Low infection rate**
in comparison to other materials like PMMA
- **Implant fit**
EVO_SHAPE PEEK implants can be altered in theatre if necessary
- **Re-Sterilisation**
Possible!
- **Long term clinical validation**
Patient specific PEEK implants have been in clinical use since 2004

eVO_SHAPE. Perfect Fit PEEK Implants

eVO_SHAPE implants are quickly delivered – typically 10 days after reception of CT-scan data at evonos. In emergency cases the delivery time can be reduced to 7 days only.

Six steps to get your perfect implant

1. Create CT-Scan of patient
2. Send CT-scans to evonos
3. evonos sends the offer and the design proposal of the implant to the surgeon
4. Examination and possible amendment of the proposal
5. Approval of the design by the surgeon
6. Production and delivery of the two sterile implants

The design proposal will be sent in digital files. Optionally, a real 3D model can be sent to the surgeon by courier.

Advanced Neurosurgical Solutions

About evonos

evonos achieves progress in medical technology. We develop, manufacture and market instruments and solutions for neurosurgery that are beneficial for surgeons and patients alike.

Our products and services are designed to facilitate reliable diagnosis of the state of health of patients, to treat them in a manner that is minimally invasive, to simplify working procedures and to improve quality of life.

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evonos

medical technology at the head