Cranial D®

Cranial restoration



Solutions

Individually designed. Personalized care.

Customized care you can count on.

Available in PEEK and MEDPOR each implant is uniquely designed with you and your patient in mind.

You are the artist of each implant. Enhance implant designs with an optional design session guided by one of our Design Engineers.

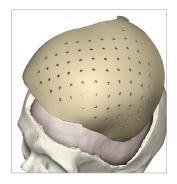
We work with you to help you give your patients the results and confidence they deserve.

PEEK

Precise fit. Excellent strength.

Polyether ether ketone (PEEK) patient specific implants are designed with exacting parameters to optimize the bone-to-implant interface. Multiple fit options are available to accommodate the needs of both you and your patient.







Precise fit

Designed and manufactured to produce a surgical fit and definition

Customizable

Suture/drainage hole and varying thickness options available

Strength

Cranial bone: 100 MPa yield strength¹ PEEK implant: 115 MPa yield strength²

Priority turnaround

Service option with an expedited timeline of 5 business days

MEDPOR

Proven: Adaptable. Comprehensive.

Porous polyethylene implants provide surgeons with an expanding range of options for reconstruction and augmentation. MEDPOR is a biocompatible, high density material. The interconnecting, omni-directional pore structure may allow for fibrovascular in-growth and integration of the patient's tissue.³



MEDPOR single stage

MEDPOR single stage allows the surgeon to address their patients' needs in one surgery. Through pre-surgical planning a predictive craniotomy is made, leading to the design of a patient specific implant delivered to the hospital prior to surgery.

Surgeon collaboration will be required to define the resection plan during the design phase to best identify the needs to allow for optimal outcomes.

Easily modified

MEDPOR can be easily drilled and fixated giving the surgeon more flexibility

Priority turnaround

Service option with an expedited timeline of 8 business days

Have peace of mind

Two sterile implants supplied with every order

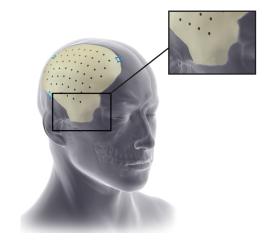
Pterional PLUS

Individually designed. Personalized care.

Pterional PLUS is our exclusive patient specific implant intended for the correction and prevention of persistent temporal hollowing (PTH). This patient specific cranial implant is designed using the patient's own CT-data and anatomy, incorporating your surgical expertise, in order to estimate a patient's soft tissue atrophy and create an implant that accommodates for the atrophy.

We are the only company to offer the patent protected Pterional PLUS implant.

*Pterional PLUS available in both PEEK and MEDPOR material.





You can count on.

Craniomaxillofacial

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References

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- Liu JK, Gotfried ON, Cole CD, Dougherty, WR, CouldwellWT, "MEDPOR Porous Polyethylene implant for Cranioplasty and Skull Base Reconstruction" Neurosurgery. April 2004.
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