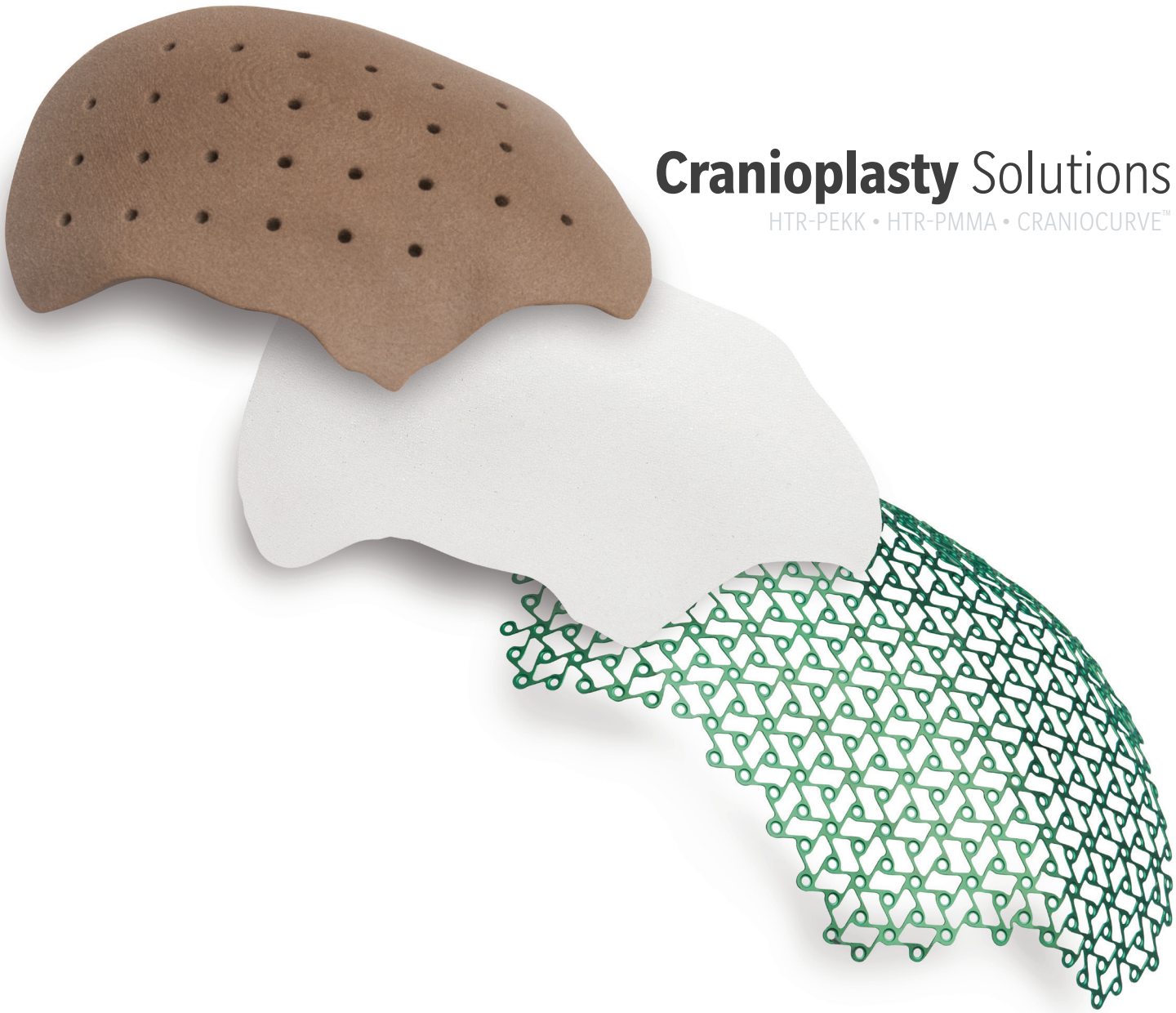


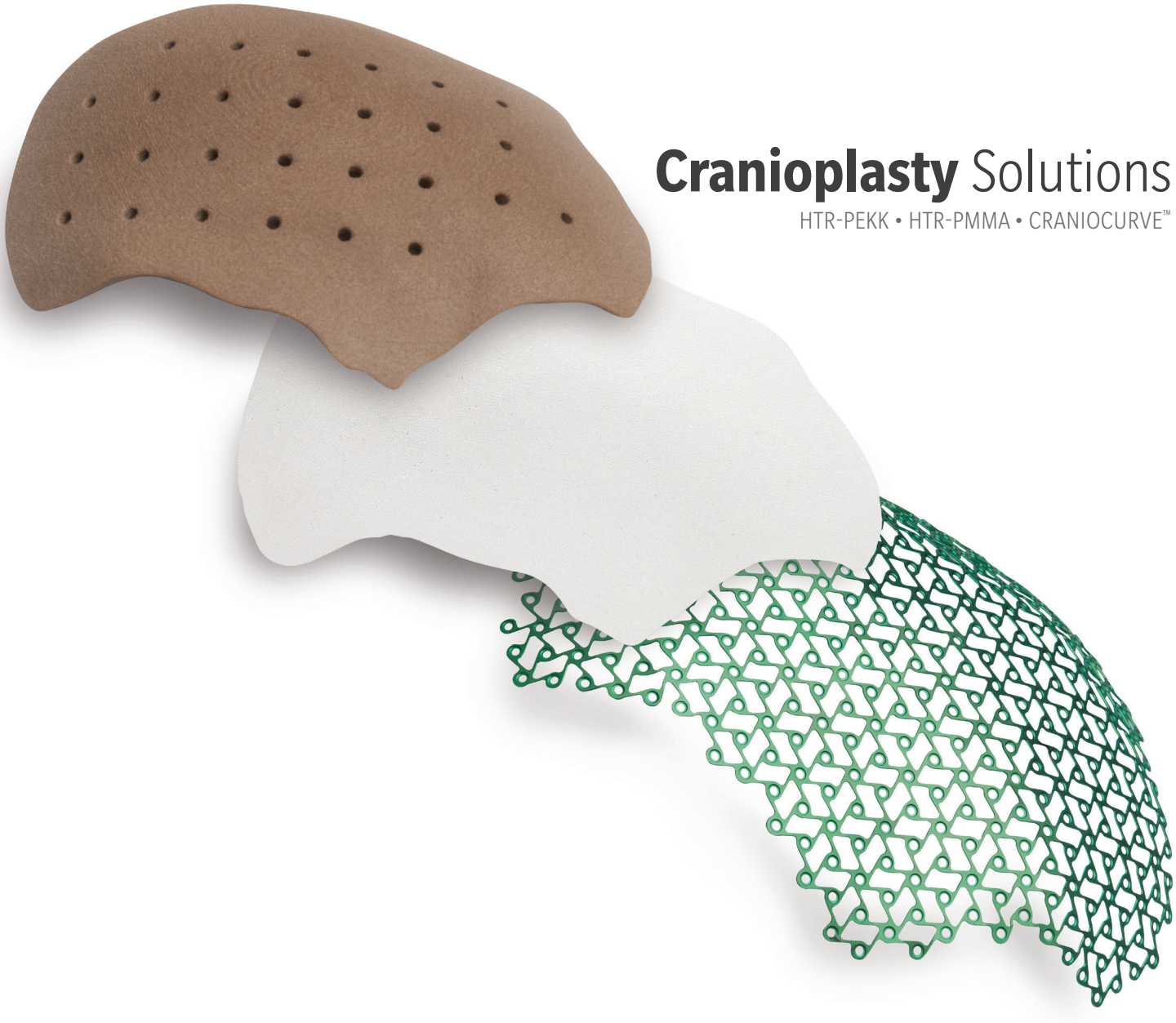
# **Cranioplasty** Solutions

HTR-PEKK • HTR-PMMA • CRANIOCURVE™

BIOMET
MICROFIXATION
One Surgeon. One Patient.

CMF

Cranio-Bro-d4.indd 3 5/26/15 12:25 PM



# **Cranioplasty** Solutions

HTR-PEKK • HTR-PMMA • CRANIOCURVE™

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# **HTR-**PEKK

## Features

| | |
|---|---|
| **Patient-Specific Anatomic Fit** | Designed and manufactured based on uncompressed DICOM CT data |
| **Laser Sintered** | Laser sintered (3D printed) for precise, clean, and efficient manufacturing |
| **PEKK Polymer** | Poly-Ether-Ketone-Ketone |
| **Quick Turnaround** | Order for delivery in 8 business days |
| **Thickness Options** | Unique design allows for flexibility of implant thickness and edge detail, highlighting our patient-specific approach |
| **High Strength** | High-strength, solid material with a compression strength of more than 34Kpsi[1] |
| **Modification** | May be modified by burring |

[1]OPM material Spec, on file. OsteoFab™ Medical Parts and Implants.

# **HTR-**PMMA

## Features

| | |
|---|---|
| **Patient-Specific Anatomic Fit** | Designed and manufactured based on uncompressed DICOM CT data |
| **Copolymer Construction** | Polymethylmethacrylate (PMMA) beads and a Polyhydroxyethylmethacrylate (PHEMA) coating |
| **Hydrophilic** | Allows placement of implant into antibiotic solution pre operatively; enables vascular flow post operatively[2] |
| **Thickness Options** | Unique design allows for flexibility of implant thickness and edge detail, highlighting our patient-specific approach |
| **Porous** | Pore diameter ranges from 150-350 microns and supports possible connective tissue and bone ingrowth[3] |
| **Negative Surface Charge** | May have minor positive effects on bony ingrowth and inhibition of bacterial adhesion[3] |
| **Two Sterile Implants** | Two gamma-sterilized implants are provided for each case |
| **Pre-Plated** | Pre-plating service is available which may help reduce operating room time |
| **Modification** | May be modified by burring |

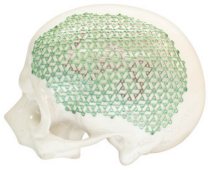
[2]Eppley, Barry L., Michael Sadove, Hans Holmstrom, and Karl-Erik Kahnberg. HTR Polymer Facial Implants: A Five Year Clinical Experience. Aesthetic Plastic Surgery (1995): 445-50. • [3]Eppley, Barry L., Matthew Kilgo, and John J. Coleman. "Cranial Reconstruction with Computer Generated Hard Tissue Replacement Patient-Matched Implants: Indications, Surgical Technique, and Long Term Follow Up." Plastic and Reconstructive Surgery (2001): 109.3: 864-71.

# CranioCurve™

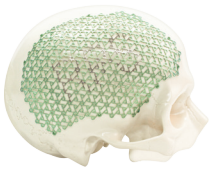
## Features

| | |
|---|---|
| **Anatomic shape** | Anatomic shape to minimize the need for cutting |
| **Pre-Contoured** | Pre-contoured to the general shape of an adult skull to minimize lengthy intraoperative bending |
| **Titanium** | 0.6mm Grade II Titanium for a balance of flexibility and strength |
| **Off the Shelf** | Allows for immediate cranioplasty in a variety of cranial regions |
| **Contourable** | The 0.6mm mesh is contourable to allow for minor intraoperative adjustments |
| **Variety** | Multiple sizes and shapes for a variety of anatomic areas |
| **Compatibility** | Use in conjunction with the Biomet 1.5mm Neuro Lorenz® Plating System for easy integration |

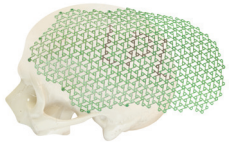
Occipital-OCC
**01-9520**



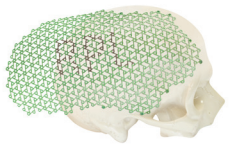
Left Parietal, Small - LPS
**01-9521**



Right Parietal, Small - RPS
**01-9522**



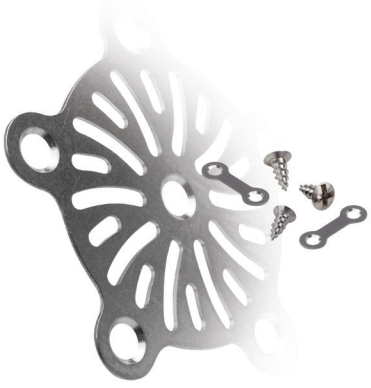
Left Parietal, Large - LPL
**01-9523**



Right Parietal, Large - RPL
**01-9524**

To complement your cranioplasty procedures, please see our full portfolio of cranial closure products. To learn more about the broad range of Biomet craniomaxillofacial solutions, please visit biometmicrofixation.com.

1.5 Neuro System



ThinFlap™

RapidFlap® Spin Down

Mimix®

SterileTrac™

iQ™ Intelligent System

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What fascinates you about the body is also what drives us. That's why we're always pushing the boundaries of engineering to make products that help you keep the human form as glorious as it was intended. To learn more about our breadth of products, call 800.874.7711 or visit us at www.biometmicrofixation.com. We'd love to join you in a conversation about the future.

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For more information on Cranioplasty Solutions, please contact us at:

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