OsteoMatch™
PATIENT MATCHED IMPLANTS

PMMA

PEEK
At OsteoMed, we work alongside surgeons who devote their lives to improving those of others. Our goal: rethinking the possibilities that have the power to reshape lives.

With a spirit of innovation and a relentless focus on quality, we offer surgeons a wide range of choices for neurosurgical and craniomaxillofacial procedures.
OsteoMatch™

OsteoMatch PMMA

- Beveled, specially textured edges allow micro-ingrowth of skull tissues.
- Scalp & dura surfaces of the implant are solid and non-porous to discourage tissue ingrowth, adhesion and non-vascularized infection.
- OsteoMatch is fine-tuned by hand to complement the contour of the neighboring bone in the patient-specific skull model, providing a superior anatomical fit.

OsteoMatch PEEK

- Optimal anatomical fit versus conventional fixation.
- Reduce operating time.
- Excellent aesthetic results.
- Autoclavable
- Fracture resistant.
Cranial Applications

OsteoMed’s new PEEK (Polyether Ether Ketone) Patient Matched Implant provides an improved solution for patients with a cranial defect. Technology and craftsmanship produce a perfect fit to the specific anatomical requirement in a custom implant. Highly temperature resistant, the PEEK PMI may be vacuum sterilized. Depending on the defect size, OsteoMatch PEEK can be provided in single or multiple pieces. Additionally, the implant can be reliably fixated using OsteoMed’s cranial fixations systems.
OsteoMatch Timeline

RECEIPT OF CT SCAN DATA
DAY 1

INITIAL IMPLANT DESIGN
DAY 5

IMPLANT DESIGN
DAYS 6 - 8

OsteoMatch PEEK

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACSS-001</td>
<td>OsteoMatch PEEK Implant 20-100sq cm</td>
</tr>
<tr>
<td>ACSM-002</td>
<td>OsteoMatch PEEK Implant 100-150sq cm</td>
</tr>
<tr>
<td>ACSL-003</td>
<td>OsteoMatch PEEK Implant 150-200sq cm</td>
</tr>
<tr>
<td>ACSX-004</td>
<td>OsteoMatch PEEK Implant 200-325sq cm</td>
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</tbody>
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OsteoMatch PMMA

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>218-0100</td>
<td>OsteoMatch Implant, Medium (&lt;75 sq cm)</td>
</tr>
<tr>
<td>218-0101</td>
<td>OsteoMatch Implant, Large (75 sq cm to 150 sq cm)</td>
</tr>
<tr>
<td>218-0102</td>
<td>OsteoMatch Implant, Ex-Large (&gt;150 sq cm)</td>
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</tbody>
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IMPLANT DESIGN APPROVAL

RECEIPT OF CT SCAN DATA

INITIAL IMPLANT DESIGN

FINAL IMPLANT FABRICATION

DAYS 9 - 12

SHIPPING & DELIVERY

DAYS 6 - 8

DAY 13 - 15

SURGERY

OSTEOMED
NEUROSURGICAL
Rethinking Possibilities, Reshaping Lives