A Comprehensive Portfolio of Solutions for Mandible Trauma

MatrixMANDIBLE™ Plating System
Comprehensive solutions for unique clinical needs

Simple
Plates available in 6 thicknesses and work with all locking and non-locking screws
- 2.0 mm locking and non-locking, 2.4 mm locking and non-locking,
  2.7 mm emergency, and 2.9 mm locking screws

Effective
Expansive plate selection provides over 29,000 unique fixation combinations
- Specialized plates for mandible trauma fractures, from simple to comminuted, at all fracture locations, symphysis to subcondylar
- Reconstruction plates available in multiple shapes and four strength profiles:
  1.5 mm, 2.0 mm, 2.4 mm, and 2.8 mm

Efficient
Streamlined instrumentation may result in OR time savings
- One screwdriver blade for all screws, color-coded drill bits
- Intuitive plate holding forceps and threaded drill guides

MatrixMANDIBLE™ Preformed Reconstruction Plates
Immediate solution with added efficiency
- Anatomically preformed 2.5 mm plates available in 3 sizes based on analysis of more than 2,100 CT scans¹
- Plates address anatomy of 90% of mandibles and minimize need for interoperative plate bending
- Significantly longer fatigue life than traditional reconstruction plates

MatrixWAVE™ MMF
Designed for adaptability, versatility, and patient comfort
- Wave design helps optimize screw placement and facilitates in situ adjustment, providing surgeons flexibility to address unique patient anatomy and fracture location
- Accessible screw head design helps minimize soft tissue overgrowth—potentially facilitating post-operative screw removal
- Study shows restoration of occlusion without damage to tooth roots or other complications; arch bars successfully removed in outpatient setting without local anesthesia (Kiwanuka et al., 2017)²

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Related Products

MatrixORTHOGNATHIC™ and MatrixMIDFACE™ Plating Systems
Dynamic solutions for facial trauma and reconstruction

- One screw diameter works with all plates
- Specialized plate designs in multiple strengths
- Intuitive and streamlined instrumentation

TRUMATCH® CMF Personalized Solutions
Customized implants based on virtual surgical plan may result in OR time savings and optimal reconstruction results

Patient Specific Plate for Contouring – PSPC
Plate contoured within 5 days based on unique patient anatomy and clinical need.

Patient Specific Plate for Mandible – PSPM*
The plate, milled from a titanium bank, has customizable design features and improved strength compared to MatrixMandible standard plate.3*

Titanium 3D Printed Plates
Fully customizable patient-specific plates, 3D printed for the most complex situations, such as “double barrel” mandible reconstructions.

*Patient specific plate for mandible fatigue testing shows increased fatigue life of both 2.0 and 2.5 mm profiles in comparison with MatrixMandible 2.5 mm thick plates. Bench test results may not necessarily be indicative of clinical performance.

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