

# Maxillo-Facial



## TMJ Replacement – Patient Matched Implant



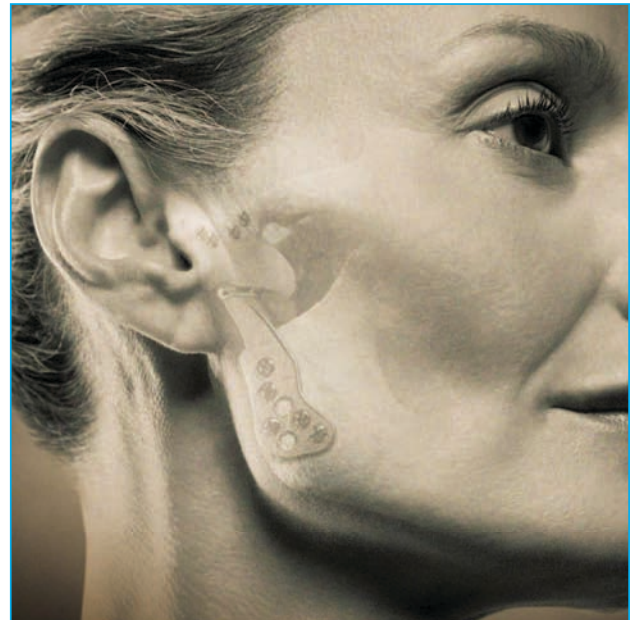
**In today's TMJ market, traumatic reconstructive cases or extreme anatomical variations may require the development of a patient matched implant (PMI).**

Combining the precision of patient-specific positioning guides developed from an MRI with the latest web technology allows for a state-of-the-art, custom-fit implant.

### **PMI are ideal for patients:**

- With a severe deformity in the applied anatomy
- With compromised bone in the ramus or zygomatic arch
- Requiring simultaneous orthognathic corrections
- Requiring large resections of the applied anatomical areas

Biomet incorporates over forty years of Orthopedic total joint experience into the design and materials utilized in the Custom TMJ Replacement System.



### Available Stock Implant Options



Standard Mandibular Implant  
(Underside view on right)



Narrow Mandibular Implant



Fossa Prosthesis

## OnPoint™ 1.2mm Scope System



**The OnPoint™ 1.2 mm Scope System is an innovative breakthrough that provides minimally invasive visualization of the temporomandibular joint in the comfort and convenience of an office-based setting.**

The OnPoint™ system has been designed to provide visualisation for minimally invasive diagnostic and operative procedures. The TMJ arthroscope is a small, tube-like camera that projects the image of the joint onto a monitor, allowing the surgeon to view the inside the joint without making any large incisions. The OnPoint™ system can be used in addition to a MRI scan, or alone for the surgeon to determine the next plan of action for each patient.

The OnPoint™ system allows the surgeon to view the inside of the temporomandibular joint in their office instead of having to perform exploratory surgery in the operating room. With a scope diameter no larger than an 18 gauge needle, this state-of-the-art imaging system allows for an accurate and less invasive procedure.



### The OnPoint™ System Utilises:

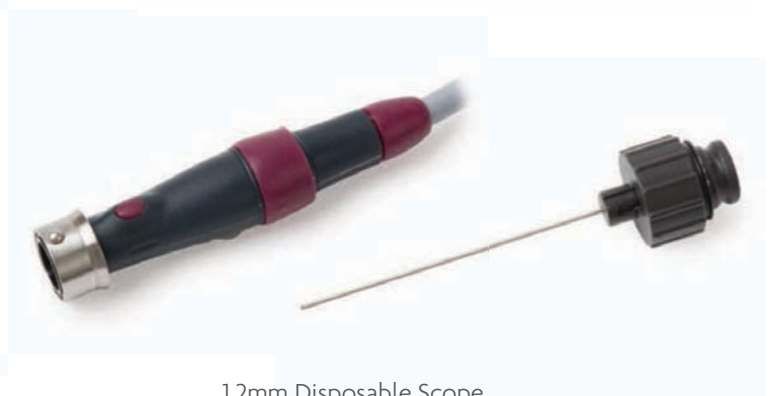
- System hardware, software, and hand-piece
- Disposable scope
- Disposable Instrumentation: cannula, trocar, obturator, and cannula plug
- Procedure Kit including sterile supply items needed for the procedure



Scope Hand-Piece



Disposable Instruments



1.2mm Disposable Scope



# OmniMax™ MMF System

The OmniMax™ system consists of arch bars, screws and wires that work together to achieve temporary fixation of the maxilla and mandible to provide indirect or passive stabilization of fractures and maintenance of occlusion in the oral and maxillofacial region.

## OmniMax MMF System Features

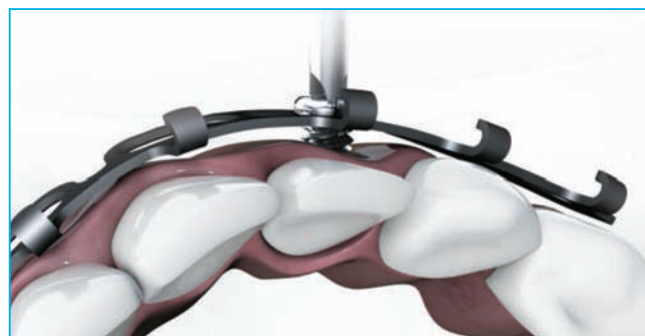
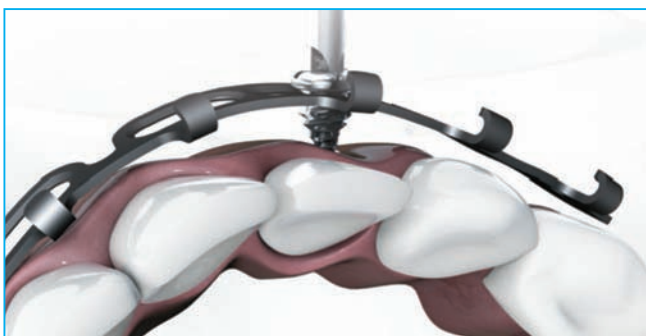
- Adjustable soft tissue stand-off
- Extended screw insertion slots for avoidance of tooth roots
- Minimal number of screws required for fixation
- Reduced need for specialized instrumentation during application

## An All-Inclusive, Adaptable MMF System

- The OmniMax™ MMF System includes bone-borne arch bars, Erich Arch Bars and uniquely-designed IMF screws.
- The system can be used as a stand-alone tray and is also compatible with the TraumaOne™ system for MMF procedures.
- The outer container can be easily customized to house additional surgical instrumentation or implants - adapting to your surgical preferences.

## Adjustable, Semi-Locking Technology

The unique arch bar and screw engage together to elevate the arch bar off of the soft tissue and to help prevent gingival compression.



## Extended Screw Insertion Slots

Our elongated, semi-locking slotted arch bar allows for variability in screw placement for tooth root avoidance.



## Type II Anodization

OmniMax™ Arch Bars are Type II anodized to increase fatigue strength and offer a smooth surface that minimizes sharp edges which may reduce patient irritation.