Smile Confidently
With Full Arch Rehabilitation Solutions
Edentulism and failing dentition continue to be major health challenges affecting millions of people worldwide.

- It is conservatively estimated that 10% of the world’s population of six billion is partially edentulous or edentulous.¹

Edentulism in the US:

- The US population of adults requiring dentures is estimated to increase by 13% from 1991 to 2020.²
- Approximately 62% of the population will require dentures in both arches by 2020.²
- The total number of edentulous arches is expected to increase to approximately 61 million by 2020.²

In spite of advances in denture prosthodontics, soft-tissue supported dentures continue to be a source of:

- Chronic residual ridge resorption
- Facial collapse
- A loose or poor fit
- Decreased masticatory function
- Phonetic challenges

Clinical photograph showing severe bone resorption and a narrow mandibular ridge.

Photo courtesy of Michael Scherer, DDS.†

¹Dr. Scherer has a financial relationship with BIOMET 3i LLC resulting from speaking engagements and other retained services.

BIOMET 3i Full Arch Rehabilitation System Solutions

These solutions are designed to work in synergy and help provide long lasting, aesthetic results through comprehensive dental implant therapy for edentulous patients, partially edentulous patients and those with failing dentition.

DIEM® 2 Guidelines

- Immediate full arch rehabilitation
- Immediate occlusal loading and function
- Definitive prosthesis provides a level of high prosthetic stability
- Implant therapy helps preserve bone following tooth loss³

OverdenSURE™

Bar-Supported Overdentures

- Comparable treatment to a fixed hybrid prosthesis
- Higher level of retention and support as compared to soft-tissue supported overdentures or conventional dentures
- Removable restoration for easier oral hygiene

Implant-Retained Overdentures

- Increased denture stability and retention as compared to conventional dentures
- Addresses problems such as limited interocclusal space through the LOCATOR® Abutment’s low restorative height

LOCATOR Overdenture Implant System

- Narrow diameter implant designed for severely resorbed narrow ridges (< 5mm in width)
- Less invasive and more affordable treatment plan
- Intuitive surgical kit and protocol

2. Douglas C W; Shih A and Ostry L Will there be a need for completed dentures in the United States in 2020? J Prosthetic Dentistry 2002: 87;5-8
BIOMET 3i Implants

- Building on the proven OSSEOTITE® design, the BIOMET 3i T3® Implant features a contemporary hybrid design with the OSSEOTITE surface that has shown no increased risk of peri-implantitis as compared to machined surfaces.
- Platform switching provides a medialized implant-to-abutment junction that yields support for connective tissue, which has been shown to reduce the amount of bone recession by as much as 50%.
- Tapered implant design aids in primary stability.

Abutments and Attachments

- Low restorative height for limited interarch spaces
- Straight and angled Low Profile Abutment options
- A stable and tight implant-to-abutment interface


†Dr. Grunder, Dr. Meyenberg, Dr. Lazzara and Dr. Zetterqvist have financial relationships with BIOMET 3i LLC resulting from speaking engagements, consulting engagements and other retained services.
†† Kenealy JN and Stach RM contributed to the above research while employed by BIOMET 3i.
Other Restorative Components

- Wide selection of restorative components helps to address different clinical situations
- Fixed and removable alternatives
- Gold-Tite® Screw technology provides up to 113% greater clamping force with the Certain® connection than a titanium alloy screw6

BellaTek® Bars and Frameworks

- Fixed and removable options
- Tested for a passive fit at the BellaTek Production Center
- Designed and milled with CAD/CAM precision

The LOCATOR Overdenture Implant System Attachments are compatible with all standard LOCATOR processing components!


††Mr. Suttin and Mr. Towse contributed to the above research while employed by BIOMET 3i.

*Pre-clinical studies are not necessarily indicative of clinical results.
Smile Confidently With Full Arch Rehabilitation System Solutions

**FIXED PROSTHESIS SOLUTION**

**DIEM® 2 Guidelines**

Immediate Full Arch Rehabilitation with a Fixed Provisional Prosthesis

- Allows patients to return home on the same day as surgery with a fixed provisional prosthesis that functions immediately*
- Implant therapy helps preserve bone following tooth loss

*Not all patients are candidates for immediate load procedures.

**REMOVABLE PROSTHESIS SOLUTION**

**OverdenSURE™**

Rehabilitation with Implant- and Bar-Retained Prostheses

- Less reliance on oral soft tissue for denture support
- Added lip and cheek support
- Removable restoration for easier oral hygiene
- Increased prosthetic stability and oral function as compared to soft-tissue supported dentures

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**Customer Experience**

**Dr. Brent Boyse**

“The DIEM 2 Guidelines and treatment modalities that we use allow us to create happy patients immediately and they share these experiences with their friends and families. One of the biggest implant referral categories in our practice now after implementing these guidelines are referrals from other patients.”

**Dr. Carl Drago**

“One thing that I have concentrated on over the last five years of my practice has been immediate occlusal loading of edentulous and partially edentulous patients. What strikes me as remarkable, especially for a dentist, is that we can change people’s lives. Many of them (patients) will actually say they can’t believe we can do this in one day. And so, part of it is educating and motivating the patient.”

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††Dr. Boyse and Dr. Drago have financial relationships with BIOMET 3i LLC resulting from speaking engagements, consulting engagements and other retained services.
BIOMET 3i offers a family of synergistic system solutions to help you and your patients achieve beautiful, confident and healthy smiles.

For more information regarding Smile Therapy™ System Solutions, please contact your local BIOMET 3i Sales Representative.