



Smile Confidently

With Full Arch Rehabilitation Solutions



Full Arch Rehabilitation

■ 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[†].

[†]Dr. 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

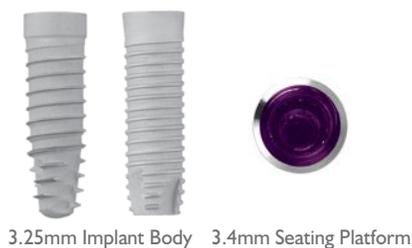
1. Carlsson G E and Omar R. The future of completed dentures in oral rehabilitation: A critical review. J. Oral Rehabilitation. 2010 37; 143-156.
2. Douglas C W; Shih A and Ostry L Will there be a need for completed dentures in the United States in 2020? J Prosthetic Dentistry 2002; 87:5-8
3. Vignoletti F, Matesanz P, Rodrigo D, Figuero E, Martin C, Sanz M. Surgical protocols for ridge preservation after tooth extraction. A systematic review. Clin Oral Implants Res 2012;23(Suppl 5): 22-38.

Full Arch Rehabilitation Product Portfolio

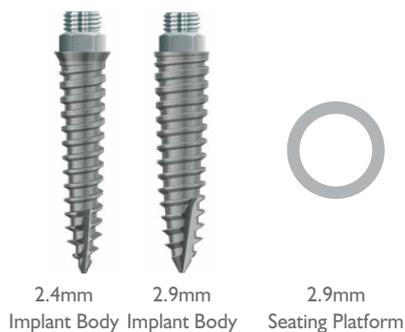
■ BIOMET 3i Implants

- 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 surfaces⁴
- 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%⁵
- Tapered implant design aids in primary stability

3i T3 AND OSSEOTITE IMPLANTS



LODI IMPLANTS



Manufactured by Zest Anchors
Distributed by BIOMET 3i

LOW PROFILE ABUTMENTS



LOCATOR® ABUTMENTS AND ATTACHMENTS

Heights: 2.5mm and 4.0mm



■ 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

⁴ Zetterqvist L[†], Feldman S, Rotter B, Vincenzi G, Wennström JL, Chierico A, Stach RM^{††} and Kenealy JN^{††}. A prospective, multicenter, randomized-controlled 5-year study of hybrid and fully etched implants for the incidence of peri-implantitis. J Periodontol 2010 April;81:493-501.

⁵ Boitel N, Andreoni C, Grunder U[†], Naef R, Meyenberg K[†]. A three year prospective, multicenter, randomized-controlled study evaluating platform-switching for the preservation of peri-implant bone levels. Poster Presentation P83: Academy of Osseointegration, 26th Annual Meeting: 2011 March 3-5; Washington DC. http://biomet3i.com/Resource%20Center/Publications%20of%20Interest/Platform_Switching_for_the_Preservation_of%20Peri_Implant%20Bone%20Levels.pdf

[†]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 screw^{6*}

LOW PROFILE COMPONENTS



4.8mm Level Seating Platform

BAR OVERDENTURE COMPONENTS



Gold-Tite Screw and LOCATOR Bar Abutment

LOCATOR® ABUTMENT AND ATTACHMENT COMPONENTS



■ 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

BELLATEK BARS AND FRAMEWORKS



BellaTek Hybrid and Copymilled Bars



BellaTek Hader and Dolder® Bars

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

6. Suttin Z^{††}, Towse R^{††}. Effect of abutment screw design on implant system seal performance. Presented at the European Association for Osseointegration, 20th Annual Scientific Meeting; October 2012; Copenhagen, Denmark. http://biomet3i.com/Pdf/Posters/P-450_Effect_of_Screw_Design_on_Implant_Seal.pdf

^{††}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 loss⁷

*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

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.”

7. Vignoletti F, Matesanz P, Rodrigo D, Figuero E, Martin C, Sanz M. Surgical protocols for ridge preservation after tooth extraction. A systematic review. Clin Oral Implants Res 2012;23(Suppl 5): 22–38.

^{††}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.



■ Smile Beautifully ■ Smile Confidently ■ Smile Healthy

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



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