

BellaTek®  
Encode® Impression System

Optimization By Design®



# BellaTek Encode<sup>®</sup> Impression System

Optimization By Design

## Optimization Is Key To Aesthetics

The BellaTek Encode Impression System aims to provide optimized solutions to clinicians by eliminating the need for implant level impressions, which streamlines the treatment process for the surgeon, restorative clinician and laboratory. In addition, patients have a better experience and a beautiful aesthetic outcome as compared to traditional procedures with an impression coping.

## Optimization Is Key To BellaTek Digital Dentistry Solutions

### Hard- And Soft-Tissue Maintenance

- No need to remove the healing abutment, preserving tissue and resulting in aesthetic outcomes

*"An appreciation of the protective effect of the soft tissue barrier is important for providing optimal aesthetic outcomes. Recent studies show that multiple abutment removals (disconnections/reconnections) are associated with increased crestal bone loss. These findings suggest using the fewest number of abutment removals to achieve better aesthetic and functional results.<sup>1,2</sup> Ultimately, the goal is to use "one abutment, one time" and the BellaTek Encode Impression System provides an important step for achieving this objective."*

*–Xavier Vela Nebot<sup>†</sup>, M.D., D.D.S., Spain*

### Customized Treatment Solutions

- Choose a simple impression method above the gingiva to create aesthetic BellaTek Patient Specific Abutments in titanium and gold-colored titanium nitride

### Practice Growth Through Better Patient Care

- End-to-end treatment solutions for everyone involved allow for a more efficient workflow compared to traditional workflow that requires additional parts and pieces, less inventory to stock and provide a vehicle for practice growth





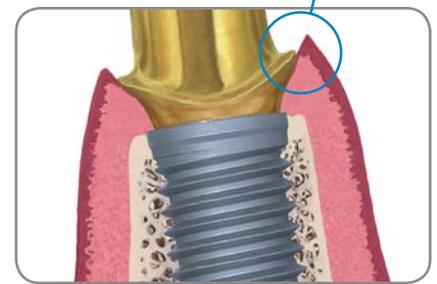
## Hard- And Soft-Tissue Maintenance

### Patient Aesthetics Through Hard- and Soft-Tissue Preservation

#### How To Maintain Tissue Health

The oral mucosa (soft tissue) is unique anatomical and physiological tissue. A healthy intact mucosa is essential for teeth and oral health.<sup>3</sup> Dental implants require an intact peri-implant mucosa for successful integration and maintenance.<sup>4</sup> Adherent peri-abutment mucosa is credited with reducing and limiting both microbial and oral cavity content through the sulcus to the implant microgap region.<sup>4</sup>

Mucosal Barrier



#### Clinical Relevance

Studies show that multiple abutment removals (dis/reconnects) negatively affect peri-abutment mucosal sulcus tissues and contributes to the loss of alveolar crestal bone (hard tissue).<sup>5</sup> Crestal bone resorption leads to soft-tissue recession and reduced aesthetics.<sup>6,7</sup>



#### Reduced Abutment Swaps

Unique codes on the occlusal surface of the BellaTek Encode Healing Abutment provide abutment design and milling information, eliminating the need for an impression coping. This reduces the need for multiple abutment removals, preserving the peri-abutment mucosal sulcus interface and maintaining the sealing function.



BellaTek Encode Healing Abutment

#### Aesthetic Outcome For The Patient

One supragingival impression of the BellaTek Encode Healing Abutment results in a BellaTek Patient Specific Abutment ready for cementation and delivery of the definitive prosthesis.



# Customized Treatment Solutions

The proprietary BellaTek Encode Impression System is the gateway to creating a customized solution for you and your patients. When you eliminate the need for impression copings and conventional impression materials, the process is streamlined for you and the patient experience is improved by making it easier and more comfortable. This technology is unique to and only available from Zimmer Biomet Dental.

## Benefits For The Patient

### Comfort

- There is no need to use impression copings, resulting in a less invasive impression procedure for more patient comfort.

### Fewer Visits

- The intraoral scan can be taken by the specialist at the surgical release visit, eliminating a restorative appointment and resulting in less visits to the dentist's office compared to traditional procedures.

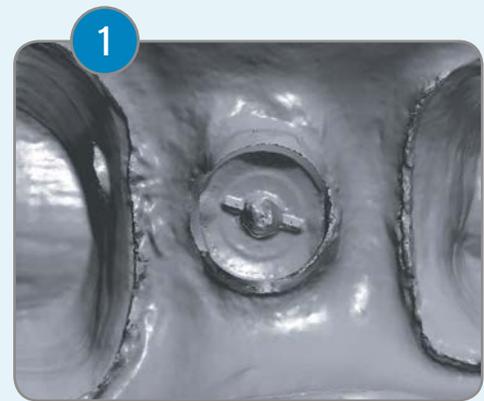
### Aesthetic Outcomes

- Abutments designed specifically for the patient for better aesthetic outcomes compared to traditional non-digital procedures.

## The Result: A Highly Aesthetic BellaTek Definitive Abutment

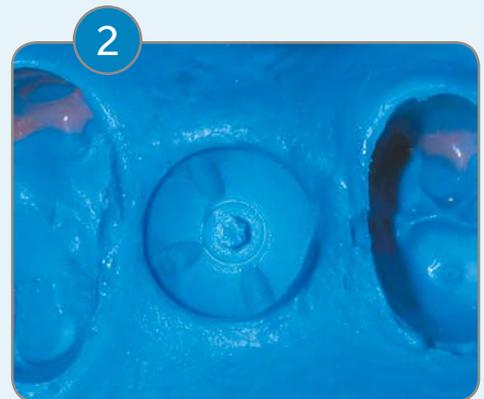


## Simplified Impressions With The BellaTek Encode Healing Abutment!



Take a digital impression of the BellaTek Encode Healing Abutment\*.

OR



Make a traditional impression of the BellaTek Encode Healing Abutment.

# Practice Growth

## Practice Growth Through Better Patient Care

### Surgeon

- Efficient, streamlined interoffice processes simplify treatment for the referring dentist.
- Cutting edge technologies create an improved and more simple treatment process than a traditional technique, differentiating the practice to referring dentists and more importantly, to patients.
- The BellaTek Encode Impression System makes it easier for your referral base and may increase treatment acceptance compared to traditional techniques.

### Laboratory

- Potential new customers may lead to increased crown and bridge business.
- There is no need to create a cast, which results in fewer steps in the treatment process, reducing overhead.
- This unique branding opportunity may grow the volume of your business.

### Restorative Clinician

- No implant-level impressions are required - resulting in a simpler and quicker process; minimizing chairtime compared to traditional non-encode procedures that other clinicians may be using.
- There are no parts to order, eliminating the need to stock components.
- There is increased patient satisfaction due to an easier and more comfortable impression procedure compared to traditional non-encode cases that do not use an IOS.
- You have the ability to restore the case in fewer office visits compared to traditional non-encode cases that do not use an IOS.

## End-to-End Treatment Solutions That Optimize The Workflow For The Entire Team



# Digital Impression

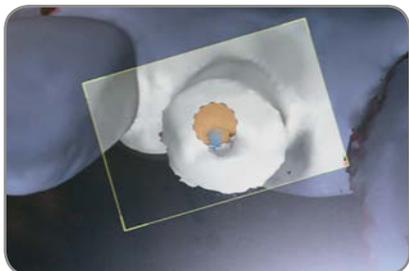
## Case Presentation



**Fig. 1**  
BellaTek Encode Healing Abutment placed intraorally for scanning.



**Fig. 2**  
The BellaTek Encode Healing Abutment is sprayed with anti-reflective powder and scanned.



**Fig. 3**  
3M™ True Definition Scanner digital impression capture of healing abutment.



**Fig. 4**  
Final scan and verification of the digital impression. The digital impression was sent to the BellaTek Production Center.



**Fig. 5**  
A printed model with the abutment design was returned to the dental laboratory to fabricate the definitive crown.



**Fig. 6.**  
The definitive BellaTek Abutment with titanium nitride coating was returned to the dental laboratory.



**Fig. 7**  
In the laboratory, the restoration was seated on the BellaTek Abutment to ensure an accurate fit.



**Fig. 8**  
The definitive BellaTek Abutment and restoration were placed.



**Fig. 9**  
Periapical radiograph showing one year follow-up of a T3® Implant with the BellaTek Abutment and crown.

Clinical Treatment by Dr. Deborah Ruddell†, Fort Myers, FL, USA.

Laboratory restorations fabricated by Rick Sonntag, 4Points Dental Design Inc., St. Petersburg, FL, USA.

# Traditional Impression

## Case Presentation



**Fig. 1**  
A BellaTek Encode Healing Abutment was placed intraorally.



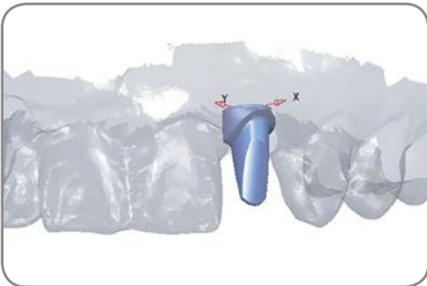
**Fig. 2**  
The impression of the BellaTek Encode Healing Abutment demonstrating transfer of the codes.



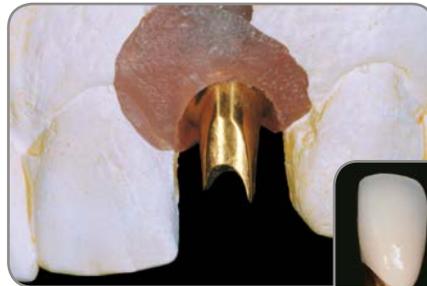
**Fig. 3**  
The master cast of the BellaTek Encode Healing Abutment that was sent to the BellaTek Production Center.



**Fig. 4**  
The Robocast™ analog placement.



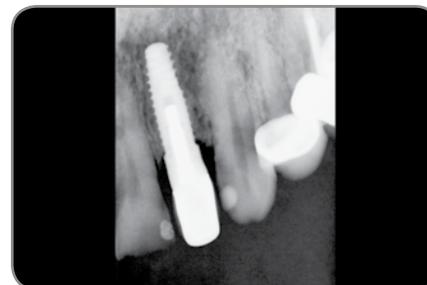
**Fig. 5**  
A BellaTek Custom Abutment designed in CAD software, which accompanied the master cast.



**Fig. 6**  
The gold-colored titanium nitride-coated BellaTek Abutment and definitive restoration.



**Fig. 7**  
A clinical photograph taken after placement of the definitive restoration.



**Fig. 8**  
A post-restorative periapical radiograph at one month post placement.

Clinical Treatment by Dr. George Priest<sup>†</sup>,  
Hilton Head Island, SC, USA.

# Looking For Optimized Digital Dentistry Solutions? Choose The BellaTek Encode Impression System Today!



Contact us at 1-800-342-5454 or visit  
[zimmerbiometdental.com](http://zimmerbiometdental.com)

## References

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- \* Compatible with the following systems: 3M™ Lava™ C.O.S., 3M True Definition, Align iTero™, Sirona CEREC Bluecam and Sirona CEREC Omnicam.
- † These clinicians have or had financial relationships with Zimmer Biomet Dental resulting from speaking engagements, consulting engagements and other retained services.

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