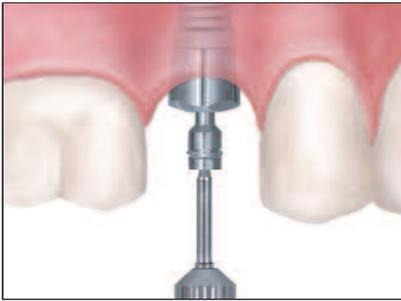


# BellaTek<sup>®</sup> IOS & The iTero<sup>®</sup> System

## Clinician Procedure

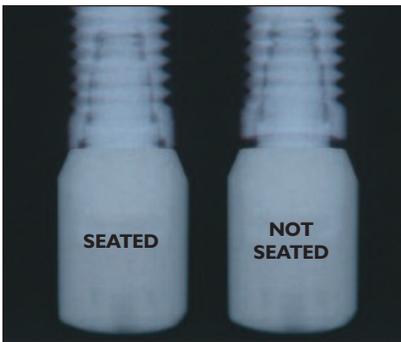


### Surgeon

**(Please ensure that these instructions are forwarded to the restorative clinician.)**

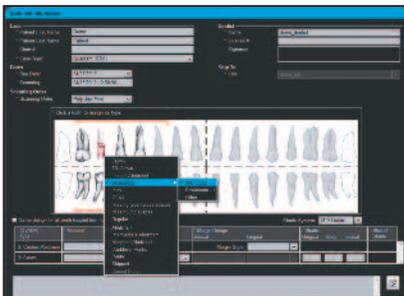
1. Select a BellaTek<sup>®</sup> Encode<sup>®</sup> Healing Abutment with the appropriate restorative platform diameter, Emergence Profile (EP<sup>®</sup>) and collar height.

**NOTE:** Use tall BellaTek Encode Healing Abutments. The height of the abutment collar, not including the domed occlusal portion, should extend 2mm above the soft tissue (1mm minimum) on all sides for proper impressing and subsequent scanning. Use wide BellaTek Encode Healing Abutments to ensure that the definitive abutment will seat easily without excessive blanching of the tissue.



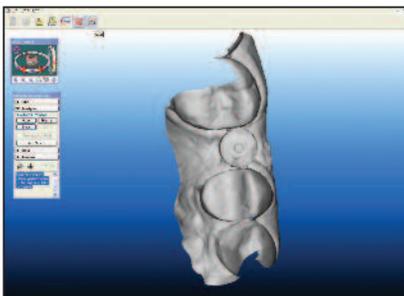
2. Place the BellaTek Encode Healing Abutment(s). Ensure that the abutment(s) is fully seated on the implant with a radiograph. BellaTek Encode Healing Abutments have a two-piece design. The body of the healing abutment engages the hex connection of the implant. Bone profiling may be required to fully seat the healing abutment. The BellaTek Encode Healing Abutment Screw should be torqued to 20Ncm using the Large Hex Driver Tip. Suture the tissue around the abutment(s) and allow the tissue to completely heal.

### Scanning Clinician



3. After tissue maturation, the BellaTek Encode Healing Abutment(s) is ready for digital impressing. Ensure that the abutment(s) is fully seated on the implant with a radiograph. The height of the abutment collar, not including the domed occlusal portion, should extend 2mm above the soft tissue (1mm minimum) on all sides. Hand-tighten the abutment(s) before taking an intraoral impression.

4. Set up the prescription to include as much information as possible about the abutment(s):
  - a. Abutment material
  - b. Abutment shape below the margin
  - c. Abutment margin style
  - d. Buccal or lingual margin preferences (1mm subgingival, flush or supragingival)
  - e. Interocclusal clearance
  - f. Screw ordering information
  - g. Laboratory or clinician approval of image file/design
  - h. Restoring laboratory's name if the prescription is filled out at the clinician's office



5. Intraorally scan the BellaTek Encode Healing Abutment inside the patient's mouth.
6. Send the case electronically to the laboratory to facilitate the design and milling of the definitive abutment(s).
7. The definitive abutment(s) will be sent to the restoring laboratory. The scanning company will send the working model to the laboratory.

**IMPORTANT NOTE:** Slight variations in the manufacturing process for both rapid prototyped models (milled or printed) and milled BellaTek Abutments, may result in a restoration that fits differently on the abutment and die. The laboratory must complete a fit-check on the abutment prior to delivery of the abutment, model and restoration.

BIOMET 3i<sup>™</sup> recommends a 50 micron cement gap for all BellaTek Encode Impression System cases utilizing an intraoral scanner. This process is indicated for single units.

# BellaTek<sup>®</sup> IOS & The iTero<sup>®</sup> System

## Clinician Procedure (Cont'd)



### Restorative Clinician

8. The laboratory delivers the definitive abutment, restoration, working model and any other case materials to the restorative clinician. BellaTek<sup>®</sup> Encode<sup>®</sup> Healing Abutments have a two piece design. First, remove the Abutment Screw using the Large Hex Driver. The body of the abutment can then be removed by pulling it away from the implant.

**NOTE:** BellaTek Abutments and components are not sterile when delivered. Autoclave prior to patient use. Steam autoclave sterilize in a single pouch for 40 minutes at a temperature of 270°F (132°C).



**Certain<sup>®</sup> Internal Connection:** Activate the fingers on the definitive BellaTek Abutment using the QuickSeat<sup>®</sup> Activator Tool. Locate the tooth number on the buccal aspect of the abutment to orient the abutment position. Place the definitive BellaTek Abutment into the implant, line up the hex and press until feeling a tactile click. Thread a Certain Gold-Tite<sup>®</sup> Hexed Screw into the implant until finger tight. Radiograph the interface to verify an accurate fit.

**External Connection:** Locate the tooth number on the buccal aspect of the abutment to orient the abutment position. Place the definitive BellaTek Abutment onto the implant, engaging the hex. Thread a Square Gold-Tite Screw into the implant until finger tight. Radiograph the interface to verify an accurate fit.



**NOTE:** If there is not enough space to create a number, a line will be placed on the buccal surface of the definitive BellaTek Abutment for orientation purposes.

9. Try in the restoration on the definitive BellaTek Abutment and check the occlusion, marginal fit and interproximal contacts. Make adjustments as necessary.

**Certain Internal Connection:** Torque the Certain Gold-Tite Screw to 20Ncm using the Large Hex Driver Tip and a torque device.

**External Connection:** Torque the Square Gold-Tite Screw to 32 – 35Ncm using the Square Driver Tip and a torque device.



10. Place protective material over the screw head. Seal the access hole with temporary filling material. Cement the restoration on the definitive BellaTek Abutment using temporary or permanent cement.

Not Available In All Markets. Please Consult Your Local **BIOMET 3i** Sales Representative For Availability.

**BIOMET 3i**

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