



The ZiReal® Post
Natural Beauty That Begins Within

- ***Strength***
- ***Aesthetics***
- ***Now Available With The
Certain® QuickSeat® Connection***



The ZiReal® Post—Internal Strength, Internal Beauty, Now With An Internal Connection

Like a diamond, the ZiReal Post is strong, durable and exemplifies the ultimate definition of beautiful. Ceramic abutments are acknowledged to provide aesthetically superior restorations, but conventional aluminum oxide ceramics may be brittle and prone to fracture. In 2000, BIOMET **3i** introduced the stronger and more durable zirconium-based ZiReal Post. Now BIOMET **3i** has made the ZiReal Post more versatile by adding the innovative QuickSeat® Connection for use with OSSEOTITE® Certain® Internal Connection Implants.

Internal Strength

The material used in ZiReal Posts, Tetragonal Zirconia Polycrystals (TZP), is strong enough that it is used for ball heads in total hip replacements. In addition, the ZiReal Post has been engineered to incorporate a titanium interface, further strengthening it and reducing the potential for fretting which may occur in an all-ceramic abutment.*

Easy preparation of the ZiReal Post simplifies the procedure when creating an immediate restoration at the time of implant placement or second stage surgery.

Internal Beauty

Implant restorations are a significant investment and one of the key outcomes patients expect is a natural-looking result. The ZiReal Post offers a more natural looking result due to its translucency when compared to the opacity of titanium abutments. This is especially important for restorations in the “aesthetic zone”.

Internal Connection

The ZiReal Post is now available with the innovative QuickSeat Connection. When used with BIOMET **3i**'s popular OSSEOTITE Certain Internal Connection Implants, the QuickSeat Connection provides an audible and tactile “click” to positively verify that the abutment is fully seated.

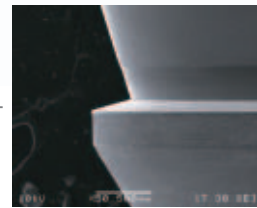


The Security Of A Beautifully Passive Fit



Secure Interface

The SEM demonstrates a passive fit with the Certain PREVAIL® Implant and ZiReal Post interface. The threat of excessive movement and fretting is reduced due to the titanium interface on the ZiReal Post.



SEM of ZiReal Post on BIOMET **3i** Implant

The Certain PREVAIL Implant represents an innovative implant design featuring integrated platform switching. This provides the marketplace with a simple and predictable option for potentially achieving better crestal bone preservation, which may result in improved soft tissue aesthetics.

* Brodbeck, U., *J.Esthet. R.D.* 15:10-24, 2003

Beauty That Begins Within For Visibly Natural Results Using Familiar Crown And Bridge Techniques

In areas of even tissue height the pre-prepared ZiReal® Post may be used in an unadjusted fashion for maximum simplicity. In areas of variable tissue height, the ZiReal Post may be adjusted to ideally follow gingival contours, providing access for a direct impression and cement removal.



Fig. 1
A 5mm Certain® ZiReal Post is placed in tooth position #8. It is secured using a Certain Gold-Tite® Screw, torqued to 20Ncm. The ZiReal Post is now in place to become the abutment for an all-ceramic restoration.



Fig. 2
The ZiReal Post is prepared using similar techniques as a natural tooth. It may be prepared intraorally or by the laboratory. For additional instructions please refer to the BIOMET 3i Restorative Manual.



Fig. 3
The all-ceramic crown is placed using a conventional cementation process. This completed restoration provides the luminescent quality of a natural tooth.

Case photos courtesy of Jon A. Ruel, DMD, MScD, New Bedford, Massachusetts



External Beauty Now Available With An Internal Connection

- *The QuickSeat® Connection produces and audible and tactile “click” when seating the abutment*
- *A deep 4mm multi-level engagement zone, thick coronal walls and unique stress-relieving connection provide proper stability*

Ordering Information

Certain® ZiReal® Posts



Product Code	Platform	Emergence Profile (EP®)	Collar Height
ICAP454	4.1mm	5.0mm	4.0mm
ICAP464	4.1mm	6.0mm	4.0mm
IWCAP64	5.0mm	6.0mm	4.0mm
IWCAP574	5.0mm	7.5mm	4.0mm

External Connection ZiReal Posts



Product Code	Platform	Emergence Profile (EP)	Collar Height
CAP454	4.1mm	5.0mm	4.0mm
CAP464	4.1mm	6.0mm	4.0mm
WCAP564	5.0mm	6.0mm	4.0mm
WCAP574	5.0mm	7.5mm	4.0mm

ZiReal Post Preparation Kit



Product Code	Description
ZPKIT1	ZiReal Post Preparation Kit

Abutment Screws



Product Code	Description	Recommended Torque
IZSHG	Certain ZiReal Hexed Gold-Tite® Screw (Packaged with abutment)	20Ncm
UNISG	Square Gold-Tite Screw For External Hex	32Ncm
UNIHG	Hexed Gold-Tite Screw For External Hex	20Ncm

Laboratory Screws

Product Code	Description
IZIRTS	Certain ZiReal Hexed Try-In Screw (Packaged with abutment)
UNITS	Square Try-In Screw (For External Hex Implant)

Natural Beauty Begins With A  Call To Your BIOMET 3i Representative.



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