

About Zimmer Implants

Zimmer implants, with the Tapered Screw-Vent system, have raised the standard in implant dentistry with superior features that make the implant process efficient and predictable. With three prosthetic platforms, 3.5mm, 4.5mm and 5.7mm, and a wide selection of restorative components for maximum versatility and optimum esthetics, Zimmer implants provide for any indication.

The three advantages of Zimmer Tapered Screw-Vent Implants:

1. Friction-fit abutments form a virtual “cold-weld” when assembled with the implant’s internal hex, virtually eliminating micromovement, the leading cause of screw loosening. The internal hex connection provides a low profile for a more natural emergence profile.
2. Triple lead threads and a roughened titanium surface increase surface area for increased bone contact and promotes a more rapid osseointegration for increased stabilization and sooner restorative treatment. Tapered design enhances initial stability through osseocompression.
3. The Tapered Screw-Vent allows for an index impression made at the time of implant surgery. This index impression can be used to have a custom Atlantis abutment and temporary restoration available for cementation at the time of second stage surgery. This expedites restorative treatment and provides for optimum esthetics.

What is an Atlantis Abutment?

The Atlantis Abutment is a computer generated and milled titanium abutment with superior fit and finish with the implant and the future crown versus a waxed then cast custom abutment. It is ideal for restorations in the esthetic zone and should be used instead of a waxed then cast custom abutment.

Scanning a model from an impression allows computer generated design and milling to provide the smoothest and most highly polished titanium surface for the best tissue response and emergence profile. Freehand waxed and cast abutments, such as the UCLA type custom abutments, cannot duplicate computer generated parallelism and predictability of fit.

Atlantis Abutments can be fabricated at any stage of implant treatment. Atlantis Abutments can be made from a fixture level impression made at the time of implant surgery or from a fixture level impression made after healing from second stage surgery and healing abutment placement.