



PERIO POINTERS

Atlantis Abutments

Atlantis abutments are a computer milled titanium, gold hue or zirconium custom abutment for implants. They can be used on the Zimmer implants I use. The least expensive is the titanium, gold hue is more expensive but nice in the anterior and Zirconia (great translucency) would be used on cosmetic cases. If you are planning a Lava crown, use Zirconia, Captek crown, use the gold hue, and PFM use the titanium. Zimmer also makes a zirconia stock abutment that your lab can prepare. This is a less expensive solution if the implant is in a good position.

I would use Atlantis on almost all anterior restorations and multiple unit cases. The advantages are less chair time, compensation for offset or angles in fixture placement, increased crown retention, ideal coronal preparation, and creation of parallelism for multi unit cases.

The computer milled units can create a 9 degree taper. You cannot hand prepare them to that degree. If you do a single unit I would recommend the default settings with the exception of the buccal. I would increase that to 2 mm subgingival so that I have good esthetics. If you are doing multiple units, under special instructions you might want to tell them to taper it to 5-6 degrees so the bridge will not be as tight. You might want to do that with long abutments as well.

Case Study



Note the angulation and lack of parallelism of the implants in the mandibular anterior of this patient with the impression abutments in place.

In the middle picture the abutments from Atlantis have been torqued to place. A small dab of impression material has been used to fill the screwhole. These are extremely long abutments and this is one where I would have changed the default settings to 5-6 degrees of taper

The restoration is cemented in the bottom photo of a five unit bridge on three implant fixtures at sites #22,23, and 25 with a cantilever pontic for #26.

This is not the most esthetic case, but it certainly is a good functional case and has been there for three years.

If your lab does not have Atlantis prescriptions, I can get them for you. A & J lab in Edwardsville (692-9982) does an excellent job on these at a reasonable cost. I would recommend you call him to find out the costs prior to doing the case.

May 2008



You can only see your reflection in still waters.

Newsletter Spotlight

If the implant is in great position, I recommend using the zirconium abutment from Zimmer and let the lab prepare it for anterior restorations in the esthetic zone. You want to keep your effort and chair time to a minimum.

To remove your name from our mailing list, please [call me at 288-1550](tel:288-1550).

Questions or comments? E-mail us at david@kelsheimerperiodontics.com or call 288-1550