



Atlantis Components recently launched an Atlantis Abutment compatible with the Straumann® RN (Regular Neck) implants. Below are the answers to some Frequently Asked Questions.

**Q: With which Straumann implant(s) is the Atlantis Abutment compatible?**

**A:** Atlantis is compatible with all Straumann Regular Neck (RN) 4.8mm  $\phi$  shoulder implants. RN implants are available in 3 implant body diameters - 3.3, 4.1 & 4.8mm - but only one shoulder diameter, 4.8mm. You are able to select the implant length and body diameter demanded by the clinical situation. Atlantis will provide an abutment that supports the emergence profile and esthetics demanded for the individual case.

**Q: What if the restoration requires a larger width than provided by the 4.8mm  $\phi$  shoulder?**

**A:** The Atlantis Abutment can provide the expanded width to support the restorative space so you won't need to place a Wide Neck (WN) platform implant.

**Q: Are any other components required?**

**A:** The Atlantis Abutment for Straumann RN is supplied with a Straumann driver compatible screw specifically designed to fit the Abutment. Atlantis screws are rated to 35 Ncm, however you should use the implant manufacturer's recommendation for torque. No other components are required for the restoration.

**Q: Does Atlantis make Abutments for the Straumann Narrow Neck (NN) and Wide Neck (WN) implants?**

**A:** Not at this time, but additional sizes will be considered if demand is sufficiently high.

**Q: Does the Atlantis Abutment engage the Morse taper on the Straumann implant?**

**A:** The Atlantis Abutment engages the Morse taper in at the bottom of the Morse taper to provide axial stability and strength. The Atlantis Abutment also incorporates a close but non-contacting fit along the Morse taper and provides a tight seal at the implant shoulder. Like the Straumann synOcta abutment, the Atlantis Abutment for Straumann uses an octagon to provide rotational stability.

**Q: How strong is the Atlantis Abutment?**

**A:** The Atlantis Abutment for Straumann was tested with Straumann implants for strength and fatigue and passed the same strength and fatigue tests as all other Atlantis Abutments. Patients currently have over 20,000 Atlantis Abutments in place with no abutment failures reported.

**Q: Why does the Atlantis Abutment extend to the shoulder of the Straumann implant?**

**A:** The Atlantis Abutment extends to the shoulder of the Straumann implant to create an Emergence Profile to support the soft tissue and assist in papilla formation.

**Q: When planning to restore a Straumann case with an Atlantis Abutment, what protocol should I use?**

**A:** The Straumann implant should be placed according to the Straumann protocol, using the esthetic option, which places the implant shoulder at the level of the bone (Straumann Dental Implant System Surgical Procedure, Determining Insertion Depth, option B: Insertion depth to implant shoulder level). This provides a subgingival platform that allows for the optimal design of the Atlantis Abutment emergence profile.

**Q: Are there any design restrictions for an Atlantis Abutment placed on a Straumann implant?**

**A:** To maintain the strength of the restoration and to adhere to Atlantis' quality standards, minimum wall thicknesses must be maintained at the implant/abutment interface. This "keep-out zone" may have a minimal effect on the abutment design.

**Q: Is the Atlantis Abutment for Straumann RN also compatible with the Zimmer™ SwissPlus™ system?**

**A:** Atlantis and Zimmer are testing the compatibility of this Abutment with SwissPlus. Please watch for an announcement once the testing is completed.