ATLANTIS abutments provide simplicity, flexibility for implant treatment

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Advancements in product design and technology continue to simplify the clinical process for implant treatment while allowing for predictable and reliable results. These developments can make incorporating implants into your dental practice easier than you might think and can help you to provide long-lasting results for your patients.

Restorative implant treatment is often misperceived as being difficult. This belief can be attributed to the complications often associated with the use of prefabricated abutments. For example, if an implant is not placed in an ideal position, a prefabricated abutment often does not allow for the flexibility needed to adjust for the location of the implant.

Another common and rising concern with implant restorations is the ability to properly remove the cement, especially in situations where the implant is placed too deeply. When residual cement is left, it can be detrimental to the success of the treatment.

Finally, prefabricated abutments are often not provided in a size that is ideal for the crown that it needs to support. The smaller-than-ideal size of the abutment then requires the need for additional labor and the use of larger amounts of restorative material, such as noble or high noble alloy, which can add to the cost of the restoration. By leveraging the latest technology, restorative implant treatment can, in fact, be both easy and profitable for the dental practice. An example of this is ATLANTIS patient-specific abutments.

ATLANTIS abutments are one of the most versatile solutions on the market today, with availability for more than 80 interfaces, including all major implant systems. Available in titanium, gold-shaded titanium and up to five shades of zirconia, ATLANTIS abutments provide the simplicity and flexibility a clinician needs.

When compared to pre-fabricated abutments, the ATLANTIS solution offers many benefits, including:

- Possibility to create an anatomically optimal emergence profile, supporting long-term esthetics.
- Abutment design gives optimal support and retention of the final restoration.
- Eliminates the time needed for inventory management and chairside modification.
- Simple restorative procedure: just take an impression and send it to the laboratory.
- Comprehensive warranty, including the implant.

ATLANTIS abutments are available for both cement-retained and single-tooth, screw-retained options. The abutments are designed in a virtual environment based on 3-D imaging for a solution that is unique to each individual patient. The margins of cement-retained ATLANTIS abutments can be also be designed taking into consideration the placement of the implant, for an ideal level that allows for easy and safe removal of excess cement. ATLANTIS Crown Abutment for screw-retained zirconia restorations are provided as one final component that is placed using only a single step and requires no modification or cement.

Because ATLANTIS abutments are designed in a virtual environment using ATLANTIS VAD (Virtual Abutment Design), the data of the abutment design is also captured and stored. This feature allows for an identical abutment to be ordered at a later time or for a second abutment with additional changes to be made without the need for a second impression.

With more than 10 years of experience in providing ATLANTIS abutments, Drake has restored more than 7,000 abutments since 2007. Our experience began with beta site development of the original technology and continues today. The Atlantis commitment to development and technical support makes our partnership with Atlantis a successful one. The streamlined workflow resulting from scanning of a master cast and submission to Atlantis for design and fabrication allows for quick accurate turnaround time of your case. As an added value, Drake provides clients with two unique services for cementable implant crowns and bridges. Included with each case is an abutment seating jig ensuring quick and accurate positioning of the Atlantis abutment as well as a cementation die allowing extra-oral trial cementation and cleanup for predictable control of potential excess cement. These value-added services assure that excellent clinical results are accomplished every time, Drake asserts.