ANEW Implants provide more patients with gold-standard treatment options

_The ANEW system manufactured by Dentatus provides more patients with the gold standard in treatment options.

Implant treatments are in widespread use because they provide the patient with several benefits. The implant is a freestanding restoration that avoids the inconveniences of a removable or fixed partial denture and helps to maintain alveolar bone levels over time. However, not all eligible patients benefit from this treatment.

Conventional implants with diameters of 4 mm or more require a space that includes adequate bone volume to support the implant. Even smaller diameter implants of 3.0 to 3.5 mm require a minimum mesiodistal space of 6.0 to 6.5 mm to allow adequate implant-to-tooth distance.

To provide this gold-standard treatment option to patients without enough space for larger implants, Dentatus USA has created a unique narrow-body implant called ANEW.

The titanium alloy narrow-body implants are specifically designed to fit where others can't while being strong and safe for long-term use.

The ANEW system is available in 1.8, 2.2 and 2.4 mm diameters. ANEW is the only narrow-body implant with a screw-retained prosthetic system and with more than 10 years of clinical research to support the safe, reliable, long-term use for single tooth replacement.

The advantages of the ANEW narrow-body implants are several. First and foremost, the ANEW implants expand the patient population that are eligible for this gold-standard treatment.

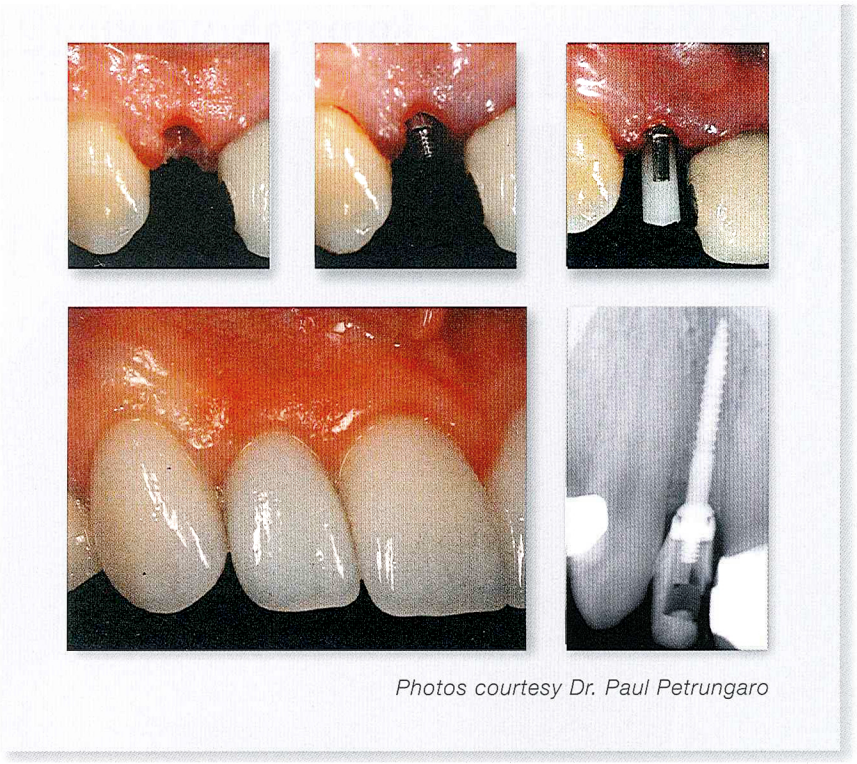
Narrow-body implants make it much easier to maintain adequate buccal-lingual bone dimensions and proper implant spacing without the need for ridge augmentation. The narrow body allows a thicker buccal bone because less bone is consumed for the osteotomy. Finally, the implants are designed to allow immediate loading.

Narrow-body implants provide dentists with more options to treat patients with congenitally missing incisors, reduced interdental space following orthodontic movement, one or two missing mandibular incisors or space collapse in the maxillary anterior area where orthodontic work was not considered a viable option.

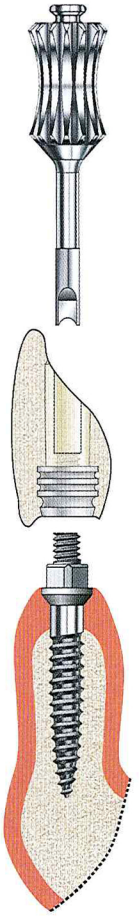
The screw-retained abutment affords prosthetic options unlike other narrow diameter implants. The screw-retained prosthesis provides more flexibility for long-term maintenance.

The restoration is retrievable and thus allows for repair or recoloring of the crown without causing undo stress to the implant (micromovement that occurs with tapping off of cement retained crowns). The ANEW tapered one-piece implant design eliminates the microgap (related to crestal bone loss), facilitates one-stage surgery, provides immediate restoration and is more conducive to a flapless implant placement. Additionally, utilizing a minimally invasive flapless procedure with an immediate restoration eliminates many postoperative challenges as well as reduces total treatment time.

The low profile 3 mm head accommodates divergent angles offering natural-looking esthetics. The non-hygroscopic screw cap abutment facilitates fabrication of a fixed transitional restoration at the time of implant placement, thereby providing the patient with an immediate, predictable and cosmetic result. During the healing period, the restoration



Photos courtesy Dr. Paul Petrungaro



(Photos/Provided by Dentatus USA)

contours can be easily modified to the contours of the tissue architecture thereby eliminating a final "black triangle" result.

ANEW narrow-diameter implants have been tested with university-based research from around the world; and the first results were published in 2004. In 2007, Dr. Stuart Froum and his colleagues from the New York University Department of Implant Dentistry published a study in the International Journal of Perio and Restorative Dentistry, stating "40 Anew Implants in patients for 1 to 5 years postloading. No implant failures were reported, yielding a 100 percent survival rating."

In 2005, the Journal of Oral and Maxillofacial Implants published Dr. Michael Rohrer's histology study on Dentatus implants. Rohrer determined that the percentage of bone in contact with the body of Dentatus implants in "the same range and sometimes higher than what is usually seen with conventional implants."

These results support well-known literature about implant design and materials in the following ways: ANEW narrow body dental implants are composed of grade V titanium alloy; the threaded portion of the implant is mechanically roughened to increase surface area and maximize the bone-implant interface; and the tapered design better facilitates implant placement, promotes initial implant stability and better distributes occlusal loads along the body of the implant.

Additional benefits of the ANEW system include the patented, needlepoint CePo drill which allows for minimally invasive, flapless placement and its fluted design eliminates epithelial entrapment; a wide variety of lengths and diameters available with several copings to ensure a strong screw-retained restoration; and screw-caps made of a unique Delrin material designed to avoid adhering to composites and other restorative materials.

All in all, Dentatus' ANEW implant system is a proven technology that provides you and your patients with access to an implant treatment option where others can't.

ANEW Implants were introduced by Dentatus in 2001, in conjunction with research by the NYU Department of Implant Dentistry, developing a specific protocol to help patients with limited inter-dental spaces. In 2004, the FDA approved ANEW Implants for long-term use._

_contact implants

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