The next full-arch revolution

With Trefoil, Nobel Biocare presents a definitive fixed solution to treat more patients better

Nobel Biocare has continually led innovation in full-arch solutions for over 50 years. Now, the company has achieved another breakthrough in the efficient treatment of the edentulous mandible. The launch of the new Trefoil system has made the passive fit of a pre-manufactured bar possible for the very first time, using a revolutionary, self-adjusting fixation mechanism and just three implants. An innovation that drives efficiency at every step, from manufacture to definitive restoration, the Trefoil system makes a fixed full-arch implant solution a real possibility for more patients.

More patients benefit from a fixed solution

The benefits of fixed solutions far outweigh the costs of fixed-removable solutions for many patients when considering implant-supported solutions.1 While a removable implant rehabilitation may offer a lower price and faster treatment than typical fixed alternatives, many patients desire the comfort and ease of a fixed prosthesis,2 which has been proven to significantly improve quality of life.3 Fixed solutions also offer enhanced function with a higher bite force and better retention and stability, and avoid some of the disadvantages of removable solutions, such as more mucosal problems and the wear of components.4

Developed with the needs of the many in mind, the efficiency of the Trefoil system empowers clinicians to provide many patients who are held back by time or finances with the premium-quality fixed solution they deserve.

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Fig. 1: The Trefoil system offers a precision-milled bar with self-adjusting joints for a passive fit.

Fig. 2: The mechanism allows screws to self-adjust in compensation for inherent deviations from each implant’s ideal height, angulation and position.

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MORE INVENTIVE LESS INVASIVE

DENTAL AND MEDICAL TECHNOLOGIES

ACTEON

17 av. Gustave Eiffel 05 33700 MERIGNAC - cedex FRANCE
Tel +33 (0) 556 349 267 Fax +33 (0) 556 349 292
E-mail: info@acteongroup.com www.acteongroup.com
Depending on clinical preference and close cooperation with the laboratory on the day of surgery, reduces time and cost in comparison with other fixed implant solutions.

While most of the presentations will be in English, the organizers have announced that there will be simultaneous interpreting into Spanish for some of the sessions. Furthermore, a record number of 139 manufacturers and dealers (as of 21 September), including international heavyweights like Nobel Biocare, Straumann and Dentaly Sirona, have registered for the accompanying trade exhibition, which will showcase the latest innovations. Attendees will also be able to learn about the new products and clinical solutions in detail at industry symposia that will run concurrently with the main programme. Founded in 1991 by leading dentists interested in osseointegration, the EAO is now a worldwide authority in the fields of reconstructive surgery and prosthetic rehabilitation. In addition to its large annual event, the association holds master clinical courses throughout the year. It furthermore offers members and non-members the opportunity to obtain a postgraduate diploma in implant dentistry.

Information about the 2017 congress and programme is available at the congress website and through the EAO SFES 2017 mobile app, which can be downloaded from the iTunes Store and Google Play. The latest news from the show floor, interviews with conference speakers, and impressions will be available at www.dentaltribune.com.

Treating a whole new patient population with a fixed solution

The decline in edentulism has been predicted to slow and to be partially offset by a growing and ageing population. High-quality and cost-efficient solutions are crucial for serving the needs of edentulous patients and patients with a failing dentition. In essence, the Trefoil system embodies the Nobel Biocare mission to treat more patients better. With this improved efficiency comes the opportunity to continue with the vision of Per-Ingvar Brânsen and bring the benefits of osseointegration to a whole new patient population.

More informations are available online at nobelbiocare.com/trefoil.