Handy Surgery: Beyond the simple dental unit

- In recent years, the importance of dental clinics specialising in surgical treatments, and maxillofacial surgery in particular, has increased. However, the equipment that was available on the market was unable to keep up with this rising trend.
- With the Handy Surgery product line, Tecnomed Italia was able to replicate the most important characteristics of a real operating room, producing products inspired by a dental unit, but with more advanced functions.
- Made entirely in Italy and designed to meet all the needs of a polyclinic, this product range is ideal for specialised medical clinics that offer a wide range of services, including dental, cosmetic, dermatological, gynaecological and stiabyngeal treatments.
- Handy Surgery is synonymous with:
  - Versatility—the equipment and accessories can be adapted to the individual needs of each clinic.
  - Linearity—the minimal design and materials that are used give the entire range a professional and streamlined visual look, sending a message of cleanliness and safety to patients.
  - Exclusivity—the entire line has two patents that certify its uniqueness and level of innovation for professional orthodontic treatments and more.

The main feature of the product line is the Morphoeus dental chair. Due to its four motors, it can easily be transformed into a surgical bed, adapting itself to a dental professional’s every need. Aspiorl and Maycar, the water group and the quiver, respectively, both with a cart, represent maximum versatility and can be approached or moved away from the intervention area. Thanks to the Quadriled lamp, the area of intervention is highly illuminated and free of shadows, plus, it is as handy as a dental lamp.
- More information can be found at www.dentalsurgeryunit.com.

OXY Implant Fixo line

- The Fixo line consists of one-stage implants, ideal for the surgeon planning an immediate loading procedure. The one-piece body integrates a multi-unit abutment with an angulation of 0°, 17° or 30°, in order to resolve the lack of parallelism consequent to the insertion of implants with different inclinations. In consequence, Fixo is safe, as the absence of a connection between the implant and the abutment helps avoid problems resulting from bacterial infiltrations and micro-movements.
- The chamfer is of a considerably reduced size. In the morphologically worst case (17° angulation of the multi-unit abutment platform and 2.0mm collar), in rotating Fixo around the vertical axis its outermost point is on a 4.8 mm diameter circle, compared with the 7.0mm diameter obtained in the same way with a conventional multi-unit abutment and implant system. This means that, even in the most unfavourable situation, Fixo can be inserted without the use of bone mills, there is no interference with the guiding sleeves positioned in the surgical guide. The template is easily removed at the end of the intervention.
- Fixo is available in diameters of 3.5, 4.0 and 4.5mm and lengths of 10.0, 11.5, 13.0, 15.0 and 17.0mm.
- More information can be found at www.oxyimplant.com.

Ultimate patient comfort

- Your practice revolves around your dental chair, with every patient sitting there whether for a check-up or an implant. If your dental chair is designed to suit the space and workflow of your practice, it can make a significant difference to the efficiency and level of service that your patients receive.
- This is particularly important for dentists with a large number of restorative cases, where the patient may be in the chair for a prolonged period. Advanced and comfort-focused dental equipment, such as the A-dec 500, can help keep patients comfortable and relaxed, even during long procedures.
- The A-dec 500 has a pressure-mapped, contoured backrest—with out thick upholstery—for superior patient comfort and shoulder and elbow support provided by armrests that pivot forward, ensuring you have unobstructed access to the oral cavity.
- A-dec’s award-winning A-dec 500 LED dental light, with its bright day-light-balanced light temperature and unique cure-safe mode for working with composites, contributes to an ergonomic working environment. The broad spread of light and innovative stadium effect from the overlapping LEDs minimises shadowing, and the softly feathered light pattern reduces eye fatigue.
- If you are looking to invest in new dental equipment this year, make sure to stop by the A-dec Booth D010 at IDS, located in Hall 11.1, to discuss the most ergonomic options for your practice.
- Please visit our website at www.a-dec.com for more information.
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Hall 4.1, Booth D060/F061

ADA CERP® Continuing Education Recognition Program

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.
W&H sets new standards in periodontology with NIWOP

An interview with Bernhard Eder, W&H product manager of prophylaxis and periodontology.

By W&H

Mr Eder, could you please give us a brief overview of NIWOP?

Millions of people worldwide are affected by periodontitis. It has been scientifically proven that this chronic illness leads to complications when implants are used. In extreme cases, it may even lead to the loss of implants. The importance of a stable tissue condition is sufficiently well-known, but more emphasis must be placed on the necessary periodontal pre-treatment and follow-up care processes. Under the term “NIWOP”, W&H has developed a holistic workflow, which represents the best possible treatment plan for patients, in a simplified process.

Could you please give us a brief insight into the development of the NIWOP workflow?

For years, W&H has been strongly represented in the dental implantology sector by devices, such as Implantmed and Piezomed. The sharing of experiences with many expert implantologists and periodontologists was also an integral part of it. One issue that was raised during many discussions was the previously mentioned connection between periodontitis and peri-implantitis. For this reason, W&H has decided to use NIWOP to address the issues of prophylaxis and periodontology application areas, along with those of oral surgery and implantology. I would like to point out that “No Implantology without Periodontology” is not a W&H invention, but the bottom line of numerous scientific publications. During the development of the detailed NIWOP workflow, W&H has been supported by several experts, including Dr Karl-Ludwig Ackermann and Prof. Ralf Rößler.

Which target groups is NIWOP aiming at?

NIWOP is aimed at all dentists working in the field of implantology and dental hygienists who provide pre-treatment and follow-up care. In the field of follow-up care in particular, dental hygienists play an important role as they contribute significantly to implant preservation.

What advantages can users expect from the suggested workflow?

Of course, NIWOP cannot guarantee successful treatment. However, evaluations by scientific publications have shown that treatment carried out according to the NIWOP workflow can significantly increase implant success.

Which W&H products would you recommend for an operation according to the NIWOP workflow?

W&H is the only manufacturer that can provide products for every single step in the NIWOP workflow. During implantation, particular emphasis should be placed on Implantmed and Piezomed surgical devices. The functionalities of implantmed are perfectly adapted to the requirements of implantologists when inserting implants. In addition, the W&H Cassel ISG module provides information on when the correct time is for loading an implant. In addition, when bone blocks or lateral windows are being prepared for augmentations, Piezomed, along with Implantmed, bones can be treated gently and effectively. Special instrument tips for the piezo-surgical preparation of the implantation site are also available.

In terms of pre-and post-treatment, the Tigcon Perno scaler is a highlight. Tigcon is easy and comfortable to use and treats the patient with a warm fluid. This minimizes the irritation of sensitive teeth and increases patient compliance. The Perno scaler tip range is adapted to the many requirements of periodontal treatment and the supportive periodontitis treatment and biolimin management. A special PEEK-coated tip is available for the gentle cleaning of the implant-borne crown during a checkup.

Handy Surgery

The first implantology and surgery line that shows your professionalism!

The most important features of a veritable operating room in an outpatient clinic.

- Rely on stainless steel, indistinguishable professional for cleaning of the entire room and maximum hygiene.
- Customizable: design the perfect surgical room for you.
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