Top quality and power — the new Elcomed SA-310 from W&H has some impressive features, the company says. The most crucial advantages, according to the company, at a glance, include:

- Just one operating stage for setting all necessary parameters
- Six program spaces, which can be set individually
- Shortest and lightest 50,000 rpm motor on the market
- Up to 80 Ncm on the rotary instrument
- Complete documentation using USB stick
- Automatic thread-cutter function

Operation made easy
With just one operating stage and a total of four buttons, the user is able to adjust all the important parameters. In addition to torque, motor speed and quantity of liquid, six different programs can also be accessed from the clearly laid out display. The user is thus able to individually save the most important recurring operational procedures. In addition, the attached instruments are also preset on the display in order to guarantee optimum power transmission.

Full power
The Elcomed motor not only achieves speeds of 50,000 rpm but is also the lightest and shortest motor in its class, the company said. It can be used with all surgical instruments that have an ISO connection.

Together with the surgical handpieces/contra-angles from W&H, it can achieve a torque of 80 Ncm on the rotary instrument. This high torque guarantees an extremely high motor power. The user is able to cut through the bone without exerting large amounts of force.

Complete documentation
The new Elcomed also features the advantage of simple and complete documentation. Data is stored directly on the USB stick that is included in the delivery. Using the USB interface, the user is therefore able to transfer the saved treatment stages to the PC very easily.

The data is displayed as a csv file, ready to be imported into standard analysis programs, and as a bitmap file. The documented information contains the torque curve and the screenshot of the Elcomed display, on which all the set parameters can be viewed. Complete documentation is therefore guaranteed at no additional cost.

Thread-cutter function
To enable the implant to heal as quickly as possible and with the least possible stress, the new Elcomed SA-310 has an automatic thread-cutter function. The thread cuts into the bone when the foot control is activated. Upon reaching the pre-set torque, the thread cutter immediately switches to reverse operation, in order to remove any bone chips. This process can be stopped by releasing the foot control. If the foot control is activated again, the thread-cutter function will restart in forward operation. In this way, compression on the bones is minimized and potential bone damage avoided.

The motor, cable and handpiece holder are naturally thermo washer disinfectable and sterilizable.

For more information, visit www.wh.com.
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MISSION STATEMENT: The Academy for Implants and Transplants is a not-for-profit dental implant organization composed of dentists and allied health professionals with a special interest in the discipline of implant surgery. Fellow and Mastership Programs are encouraged.

PROGRAM HIGHLIGHTS
Outstanding group of clinicians share exceptional knowledge in a scientific and live surgery environment in the University’s state-of-the-art amphitheater next to the surgical suite.

LIVE SURGERY SESSIONS: The surgical program demonstrates implant selection protocol relevant to clinical situations presented, case diagnosis and treatment planning for placement of selected implants and prosthetic techniques for restoration of the various modalities.

MAIN PODIUM PROGRAM: Lectures will focus on the availability of various implant modalities and their related clinical applications; indications and contra-indications; selection protocols; surgical procedures for the placement of selected implants; and, prosthetic restoration.

AUXILIARY PROGRAM: An informative 12 hour course offers “all you need to know about implant dentistry and maintenance procedures”. The course will also include special handling techniques for implants, instruments, sterilization packaging procedures that will withstand the rigorous requirements of OSHA standards, as well as Infection Control and CPR Certification.

Alabama attendees are encouraged to bring their own patients for surgery with individual instructors

Dr. Sonia Smithson, 2012 AIT Director of the auxiliary programs enjoying Alabama hospitality buffet at the 2011 Annual meeting.

Dr. Louis Naman, AIT Chairman, presents Dr. Walter C. Chitwood Jr with the AIT 2011 Excellence in Dentistry Award.

Tony Fiorello with Tatum Surgical. Dr. Hilt Tatum presented a most stimulating implant lecture for the 2011 participants.

Salvin Dental was one of the exhibitors displaying state-of-the-art products for the dental profession.

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SimPlant GO: new solution in guided implant surgery

Materialise Dental just launched a new user-friendly implant planning solution. With SimPlant GO, there are no surprises during surgery because you have optimally planned the implants in the bone — and with SurgiGuide, this planning is then transferred into a fully predictable surgery.

SimPlant GO’s intuitive navigation, 3-D images and simple four-step process is so straightforward that you can learn it over lunchtime, during a break or in-between appointments, the company said.

This software is made for dentists who have only a few minutes to become familiar with this easy 3-D implant-planning software.

SimPlant has been hugely successful during the past 20 years in addressing the needs of the implant specialists, the company said. However, some dentists who were placing implants less frequently felt overwhelmed by the amount of flexibility that SimPlant has offered. SimPlant GO has been designed to specifically address their needs.

The solution has been specifically designed for dentists without a cone-beam scanner in their office.

“Although cone beam is the way of the future, not everybody is willing to invest in it yet. And now dentists have a great, low-threshold solution to start with computer-guided implantology,” said Bert Van Roie, SimPlant product manager for Materialise Dental.

“We strongly believe there is a place for our earlier products, so we will continue to invest in their future, and new versions of SimPlant Planner, Pro and Master will be released this fall,” said Bart Swaelens, CEO at Materialise Dental.

“Expanding our portfolio is our way of ensuring that the best implant planning software and surgical guides on the market reach the widest audience possible.”

Part of the scan-plan-guide process, SimPlant GO is more than just a fancy new computer software program; it’s part of a full solution for your cases. “On top of this, the process is a cool and smooth user experience,” he added.

Find out more by visiting www.simplantgo.com.

The latest from OSADA: Enac Model OE-F15

Company launches its enhanced bone-cutting specialist with extended boosting power

OSADA developed and introduced Enac in the United States in 1984, a piezoelectric ultrasonic system, multi-purpose instrument that can be used in various applications in the dental field.

Utilizing the dynamic nature of piezoelectric ultrasonic system, Enac has been used extensively in endodontic and periodontic treatments, OSADA says. Because it is a mechanically held, the Enac system is user-friendly. It provides continually stable oscillation at any level of power with any of the chosen tips. Its ease of operation enhances the users’ technique in achieving excellent results, the company says.

The clinical application of the ultrasonic device in the oral surgery field has been seen in a variety of different contexts, including ultrasonic scalpsels, apicectomies and bone surgery in the maxillofacial area, to name a few.

In particular, bone surgery, which uses the piezoelectric element (the dynamic energy in the ultrasonic wave) ensures minimal invasion to biological tissues including blood vessels and nerves, which in turn leads to faster healing after surgery.

Upon introducing the OSADA Enac OE-Wio, featuring extended power setting No. 10 through No. 12 and sterile irrigation by the peristaltic pump, many extended applications in oral surgery became easy attainable, including traumatic tooth extractions, osteotomies, osteoplasty, sinus lift, split ridge, crown extension, implant preparation, corticotomies and more.

With OSADA’s latest model, Enac OE-F15, the focus is on the powerful but safe bone cutting (power No. 10 through No. 15). The surgical tips (also known as ultrasonic scalpsels) enable the surgeons to present fine and precise cutting results.

Combined with newly introduced stronger tips, the OE-F15 makes the minimally invasive surgical procedures easier to attain by cutting the bone faster but leaving the adjacent soft tissue, blood vessels, nerves, etc., with minimal injury, the company said.

The ergonomically designed SE15 handpiece stays cool and its LED illuminates the surgical area. The built-in peristaltic pump with simultaneous irrigation minimizes temperature increases on the handpiece, tips and the surgical area.

For more information, visit www.osadausa.com.