In 23 cases, 27 authors cover techno-clinical aspects of the fixed removable prosthesis

**Book is dedicated to the removable prosthesis that’s ‘Made in Italy’**

The industry’s first book dedicated to combined restorations and removable prostheses was released in October. Its title: “Techno-clinical aspects of fixed removable prosthesis.”

The book helps illustrate how the combined prosthesis now offers the edentulous or partially edentulous patient comfort that was unthinkable a few years ago. The combined prosthesis is a valuable solution but only if done by experts in the field of clinical dentistry working with dental technicians with in-depth knowledge of clinical anatomy, occlusion, gnathology and dental materials.

The idea for the book came from a desire to provide guidelines to all those who want to learn this branch of dentistry and who want to deepen their knowledge of techniques and protocols. To create the book, a team of dentists and dental technicians skilled in multiple solutions and techniques were invited to contribute. The result is a resource previously unavailable in a single text.

The book involved 27 authors and 23 cases. The introduction was written by three professors from three Italian universities: Siena, Milan and Turin. The book is intended to be read by an international audience; it has been written in Italian, English and Spanish.

The authors are Prof. Andrea Borracchini, University of Siena; Dr. Alessio Casucci and Prof. Gianfranco Gassino, University of Turin; Dr. Massimo Pasi, University of Milan; Dr. Luca Ortensi, Dr. Caterina Perra, Dr. Ugo Torquati Gritti, Dr. Daniele Vrespa, Dr. Gabriele Rosano, Dr. Riccardo Stefani, Dr. Gerardo Schiatti, Dr. Mauro Colombo, Dr. Umberto Ferrone, Dr. Eugenio Guidetti, Dr. Marco Montanari, Dr. Massimo Pedrinazzi, Dr. Alessandro Iorio Siciliano, D.T. Luca Ruggiero, D.T. Giuliano Bonato, D.T. Armando Buongiovanni, D.T. Carlo Borromeo, D.T. Vittorio Capezzuto, D.T. Salvatore Chimenz, D.T. Rodolfo Colognesi, D.T. Davide Nadalini, D.T. Marco Ortensi and D.T. Giancarlo Riva.

To learn more, visit www.rhein83.com or send an email to marketing@rhein83.it or telephone 39 (335) 784-0719.

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(Source: Rhein83)
Kettenbach presents Visalys Core, new generation of core buildup material

Fluoride-containing, dual-curing composite developed for fabrication of radiopaque core buildups, core fillings and cementing root posts

Visalys® Core, the new product from Kettenbach LP (www.kettenbachusa.com), represents the next generation of core buildup materials, according to the company. The most recent addition to the Visalys family is a dual-curing core buildup material with unique Active-Connect Technology (ACT) to ensure a reliable bond with all common adhesives — without an additional activator.

The product was unveiled at the 2015 International Dental Show (IDS) in Germany. Visalys Core is the first core buildup material from Kettenbach. The fluoride-containing, dual-curing composite was developed for the fabrication of radiopaque core buildups and core fillings and for cementing root posts.

According to the company, the Active-Connect Technology, unique in the market, enables the material to bond actively with all common light-curing and dual-curing, single-step and multi-step adhesives, without an additional activator. The advantage for users is that it enables them to use the bonding agent they are used to — whether it is light-curing or dual-curing — or a single- or multi-bottle system.

**Firm foundation: stable and precise**

According to the company, the technology simply provides a firm foundation — stable and precise. The company reports that Visalys Core ensures easy and reliable handling with “excellent positional stability.” At the same time, it exhibits good flowability and low extrusion force. The compressive strength results in a stable monoblock and a secure bond.

Optional light-curing allows the procedure to be continued immediately. Reliable self-curing provides for dependable strength even on the cavity floor and in root canals. Excellent polishing characteristics ensure precise preparation, even without light-curing, the smear layer is minimal. The product is also free of Bisphenol A and its derivatives.

Visalys Core is available in dentin and white shades in a 5 ml double syringe and in a 25 ml cartridge.

**About Kettenbach**

Kettenbach (Huntington Beach, Calif.) is the exclusive U.S. distributor for Kettenbach GmbH & Co. KG (Eschenburg, Germany). Founded by August Kettenbach in 1944, Kettenbach GmbH was created for the development and marketing of medical and dental products.

**ADVANCEMENT**

According to the company, Kettenbach is one of the leading international producers of dental impression materials and is also known in other surgical areas of medicine. Brands include Panasil VPS Impression Material, Identium VSXE Impression Material, Futur Bite Material, Silginat Alternative Alginate, Visalys Temp Material, Mereo- pren Resilient Liner and Visalys Veneers.

For more information about Kettenbach LP products, you can call (877) 352-2123 or visit www.kettenbachusa.com.

(Source: Kettenbach)
Small-dimension, cylindrical bone cutter is designed for minimally invasive procedures

**Komet also releases a ‘saber-tooth’ cutter**

By Komet Staff

Among the specialty products introduced at the most recent International Dental Show in Cologne, Germany, was Komet USA’s H255E cylindrical, small-dimension bone cutter. According to the company, it is designed to maximize cutting performance and is ideally suited for minimally invasive procedures.

With a 1.2-mm diameter and a 6-mm-long blade, the Komet® H255E bone cutter features exceptionally sharp, cross-cut toothings, large chip spaces, and long cutting edges along its cylindrical working portion, facilitating intuitive, tactile operation, according to the company. The small-dimension instrument is particularly effective for fine and/or linear bone cuts as well as for hemisections, axial bone perforations, crestal opening of the alveolar ridge and apicoectomies.

Allowing conservative yet effective preparations and distinguished by its long service life, the H255E is the cylindrically shaped counterpart of the established Komet H254E tapered combination instrument that offers gentle preparation of bone tissue and hard tooth substance.

The H255E bone cutter incorporates a black, identifying color band to indicate its particular sharpness. Also among the Komet instrument innovations featured at the international Dental Show was the H162ST (“saber tooth”) bone cutter, described as “a new generation of oral-surgery instruments.”

Applying the knowledge and experience gained from its successful developments in the medical sector to the needs of dentistry, Komet has incorporated the blade geometry of its renowned cranial-surgery instruments into a new tungsten-carbide rotary instrument specifically designed for oral surgery, producing the new ST configuration for proven effectiveness.

The H162ST’s innovative toothing provides the sharpness, cutting behavior and maximal control required for bone cuts during osteotomies, osteoplasty procedures, bone and bone-lid preparations, apicoectomies and hemisections, according to the company.

**Henry Schein commits $350,000 in health-care products to World Vision for refugee relief efforts**

Donations will help expand access to care for all refugees, including Syrian refugees living in areas of critical need across Europe and the Middle East

Henry Schein Inc. is donating $350,000 in Henry Schein-branded health-care products to World Vision for care of refugees, including Syrian refugees living in Europe and the Middle East. World Vision, a global humanitarian organization, will distribute the donated products to its local partner organizations working in areas of critical need.

As part of its agreement with World Vision, Henry Schein is donating 70 units of Henry Schein-branded gloves, masks, gowns and gauze — each valued at $5,000 per unit and designed to serve approximately 7,500 people — during the next three years. World Vision will distribute the units to its local community partners providing care to refugees living in areas that World Vision determines to be in greatest need, such as refugee camps or communities with large populations of displaced people.

The donation is part of the Henry Schein Private Brand Donation Program, an initiative of Henry Schein Cares, the company’s global social responsibility program. “This donation will ensure that the medical professionals working with World Vision and their partners have the necessary supplies to provide crucial care to refugees throughout the world, including the men, women and children affected by the devastating crisis in Syria,” said Stanley M. Bergman, chair...
Industry pioneer TAUB Products is still innovating

Mission remains the same: Shorten the time needed for the lab process to be completed and increase quality of the restoration

Who is TAUB Products and what does TAUB Products mean to you to your practice? Time and again, TAUB Products has been a pioneer of industry materials for the dental lab and dental practice. Starting as George Taub Dental Ceramics Laboratories in the 1930s and specializing in the design and creation of bridge-work and porcelain crowns, TAUB Products is a hybrid company cross-serving two dental markets and understanding the needs of communication and association between the dental laboratory and dental practice during treatment planning. Originally led by George Taub, a master dental technician and ceramist, the company excelled in creating new standards and procedures that increased the quality of the finished restoratives. This was accomplished by developing innovative new products that shortened the time it took for the lab process to be completed and increased the quality of the restoration. This led to the creation of high-quality die spacers, such as Tru-Fit, Minute Stains for provisional characterization, Silane coupling agent, FUSION and spacers, such as Tru-Fit, Minute Stains for provisional characterization, Silane coupling agent, FUSION and porcelain/zirconia diamond polishing systems such as Insta-Insta-Glaze.

Back in the '60s, finding solutions to the problematic challenges of increasing bond strength and the adhesion of materials was a top priority for the industry and the company. FUSION Silane primer and coupling agent enables dentists to apply these increased bond strengths to materials. While this technology is still very current and used today, other challenges in today's materials pose new and different issues. FUSION 2® Resin Cements are tooth integrating. They allow chemical bonds to restorative materials. This eliminates microleakage, which is the leading cause of discoloration at the margins and the eventual failure of the restorations. In cases where procedures and permanent restoratives might present challenges including peri-implantitis, ZERO-G Bio Implant cement offers retrievability, high radiopacity and enables simple and easy clean-up of excess cement, according to the company.

To find out more about how specific TAUB Products can work for you, you can visit the TAUB booth, No. 2113, at the 2016 Yankee Dental Congress. You can call TAUB at (800) 828-2634 or send an email to TAUB at sales@taubdental.com.

(Source: TAUB Products)
Wireless and unconnected

‘WireLess’ headlight is self-contained

LED DayLite WireLess is not limited to one pair of loupes or a specific eyeglass frame

Designs for Vision’s new LED DayLite® WireLess™ not only frees you from being tethered to a battery pack, but the simple modular design also uncouples the “Wire-Less” light from a specific frame or single pair of loupes. Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The compact design of the DayLite WireLess is independent of any frame/loupes.

The patent-pending design of the LED DayLite WireLess is a new concept: a self-contained headlight that can integrate with various platforms, including your existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases.

The LED DayLite WireLess is not limited to just one pair of loupes or built into a single, specific eyeglass frame. The LED Daylite WireLess can be transferred from one platform to another, expanding your “Wireless” illumination possibilities across all of your eyewear options.

1.4 ounces

The LED Daylite WireLess weighs only 1.4 ounces and, when attached to a pair of loupes, the combined weight is half the weight of integrated cordless lights/loupes. The LED Daylite WireLess produces more than 40,000 lux at high intensity and 27,000 lux at medium intensity. The spot size of the LED Daylite WireLess will illuminate the entire oral cavity. The function of the headlight is controlled via capacitive touch.

The LED Daylite WireLess is powered by a compact, rechargeable power pod complete with three power pods. The charging cradle enables you to independently recharge two power pods at the same time and clearly displays the progress of each charge cycle.

Designs for Vision has been showing the Micro Series together for the first time this winter. The Micro 3.5EF Scopes use a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent, while providing an expanded-field full-oral-cavity view at 3.5x magnification.

The new Micro 2.5x Scopes are 23 percent smaller and 36 percent lighter than traditional 2.5x telescopes, and enlarge the entire oral cavity. The Micro Series is fully customizable and uses the proprietary lens coatings for the greatest light transmission.

You can “See the Visible Difference®” yourself by visiting the Designs for Vision booths, Nos. 1000 and 1827, at the Yankee Dental Congress. Or arrange a visit in your office by calling (800) 345-4009 or emailing info@dvimail.com.

(See Source: Designs For Vision)

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