Pilot drill, surgical guide combined

By Golden Dental Staff

The MD Guide Intro Kit system provides a simple solution to more accurate mesio-distal spacing and parallelism, no matter what implant system or brand you may be utilizing. It is not changing your current surgical protocol; it is just helping make it more accurate.

The MD Guide minimizes the stress of misaligned or malpositioned implants and can save time and money over conventional surgical guides, according to the company. It allows you to work efficiently and accurately in implant positioning. The MD Guide provides for an alternative method to fabricating a conventional surgical guide. In theory, using some sort of a surgical guide when placing implants to ensure they are properly positioned can be helpful, as a millimeter can make a real difference in the final implant crown fabrication.

What is clinically useful about the MD Guide is that you are not changing your current surgical protocol or your dental implant system. The MD Guide just allows you to drill your pilot hole more accurately in terms of mesio-distal spacing and parallelism.

Instead of using the pilot drill with your implant system, the MD Guide can be used. It is a pilot drill and an alternative surgical guide combined. You are still drilling “free-hand” but with more accuracy.

The MD Guide Intro Kit contains five drilling guides and five non-drilling guides (or virtual teeth) that are specifically sized to match the mesio-distal dimension of the future restoration. The drilling guides and non-drilling guides are sized at 6 mm, 7.5 mm, 9 mm, 10.5 mm and 12 mm diameters. The drill length is 7.5 mm and has a diameter of 2 mm for all the drilling guides.

Once the correct drilling guide size is selected, the cylinder is placed against the adjacent tooth to create your pilot hole. After the first pilot hole is made, the drilling guide is replaced with the exact same sized virtual tooth.

For example, if you used a 7.5 mm drill, you then place the 7.5 mm virtual tooth in its place upon completion of drilling your first pilot hole. If an additional implant is being placed, you would continue the steps, but instead of estimating your second pilot hole, you will now align the drilling guide cylinder against the virtual tooth that was placed previously vs. against the actual tooth, as was the case with the first pilot hole.

Here at the AGD

For more information on the MD Guide, visit Golden Dental Solutions at booth No. 920, call (877) 987-2284 or visit goldendentalsolutions.com to watch clinical videos.

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NDA Mission Statement
The National Dental Association promotes oral health equity among people of color by harnessing the collective power of its members, advocating for the needs of and mentoring dental students of color, and raising the profile of the profession in our communities.

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Ad
EyeSpecial C-II: A digital camera designed exclusively for dentistry

By Shofu Dental Corp. Staff

The EyeSpecial C-II digital dental camera is designed exclusively for dentistry and features 12 megapixels and eight shooting modes that are easier, faster and more reproducible to ensure the best quality of images are achieved, according to Shofu Dental Corp.

The EyeSpecial C-II offers a high-performance, 49 mm close-up lens, one-touch operations, an ultra-lightweight sleek body design and a large LCD touchscreen, which allows the user to view and scroll through images, even with a gloved hand.

Designed to produce superb image quality, according to the company, EyeSpecial C-II has exceptional depth of field range, fast autofocusing and anti-shake capabilities, as well as infrared, UV and anti-reflection filters to help achieve those high-quality images.

Although lightweight, the camera is very durable and will withstand the occasional mishandling. It is scratch- and scuff-resistant, as well as water and chemical proof, which is essential for infection control in the office.

Created for dental and orthodontic photography, case presentations and at the bench in a laboratory, EyeSpecial C-II is user friendly and can be held comfortably with one hand, freeing the other to use a cheek retractor or mirror.

Included with the EyeSpecial C-II is a 4 GB SD XC card, but the camera is also compatible with a wireless SD card, such as an Eye-Fi card, allowing images to be automatically transferred and uploaded onto a computer, tablet or smartphone.

The EyeSpecial C-II comes with the 4 GB SD XC card, four AA batteries, a Kenko 49 mm macro lens for close-up shots, a computer connection cord and hand strap, a flash calibration card, a Shofu stylus and a cleaning cloth.

In addition, SureFile photo management software is available for free download. This software will allow the user to automatically sort file images by patient name or ID number, saving time and improving HIPAA standards.

Shofu’s EyeSpecial C-II is designed exclusively for dentistry, and the company says it can add consistent efficiency to all your dental photography needs.

It is available at www.shofu.com or by contacting Shofu Dental Corp. at (800) 827-4638.

Here at the AGD

Visit the Shofu booth, No. 737, today for a demonstration of the EyeSpecial C-II and, with every purchase at the show, receive a storage case for free ($100 value). For more information or to see some educational videos, visit www.shofu.com or contact Shofu Dental Corp. at (800) 827-4638.
The next tapered implant system

New solution from Dr. Jack Hahn combines proven features with contemporary design

By Glidewell Laboratories Staff

Glidewell Laboratories, a provider of dental products, implant solutions and laboratory services, has announced the release of the Hahn® Tapered Implant System.

Dr. Jack Hahn, for whom the system is named, is known for his development of the original tapered implant, which went on to become one of the most widely used systems in the industry. Leveraging that experience and his 45-year career as a clinician and innovator, Hahn oversaw the design and creation of this implant, with the goal of making the benefits of implant therapy more affordable to a larger patient population.

The Hahn Tapered Implant System is the culmination of a partnership between Hahn and Hahn Glidewell Laboratories, president and CEO of Glidewell Laboratories, whose own career track record includes numerous innovations in the dental industry. Together, they devised this new system to continue the evolution of the tapered implant, in hopes of enhancing the quality of treatment while reducing the cost of care.

Hahn has placed and restored more than 5,000 NobelReplace® implants since developing the system for Nobel Biocare nearly 20 years ago. His clinical observations made during this period revealed several key areas for improvement. These serve as the basis for his new implant system.

Engineered to engage a maximum amount of bone and achieve a high degree of primary stability in an extensive range of clinical situations, the Hahn Tapered Implant System is the next step in the evolution of the tapered implant.

Its design features have been carefully crafted to help clinicians mitigate patient trauma and reduce chair time, promote long-term integration and facilitate immediate provisionalization and other prosthetic considerations.

With a pronounced thread design that increases bone contact, the Hahn Tapered Implant enables precise control of positioning and angulation during placement.

The Hahn Tapered Implant System incorporates a unique thread pattern that establishes stability in all qualities of bone. Its tapered, root-form body and wide array of sizes allow for placement in all regions of the mouth, from tight anterior spaces to first molar sites. This advanced system is well-suited for placement in fresh extraction sockets, where the implant’s sharp threads engage the lingual wall and thereby help practitioners avoid the facial plate.

The Hahn Tapered Implant includes coronal microthreads designed for crestal bone preservation and a machined collar to facilitate soft-tissue maintenance. The conical, internal hex connection provides a secure, stable prosthetic seal. The angled thread pattern of the implant enables swift insertion, with self-tapping grooves to facilitate delivery and initial stability.

Engineered and manufactured in the United States, the Hahn Tapered Implant System is compatible with popular surgical instrumentation already used in many implant practices. Its simplified surgical protocol includes implant-specific drills that precisely control the diameter and depth of the osteotomy. The system includes a comprehensive assortment of prosthetic components to support the full range of traditional and custom restorative protocols.

A new generation of core build-up material

By Kettenbach LP Staff

Visalys® Core, the new product from Kettenbach LP, represents the next generation of core build-up materials. The most recent addition to the Visalys family is a dual-curing core build-up material with unique active-connect-technology (ACT) to ensure a reliable bond with all common adhesives — without an additional activator.

The product was first unveiled at this year’s International Dental Show in Cologne, Germany.

Visalys Core is the first core build-up material from Kettenbach. The fluoride-containing, dual-curing composite was developed for the fabrication of radiopaque core build-ups and core fillings and for cementing root posts.

The product incorporates ACT, which is unique in the market. This 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 allows them to use the bonding agent they are used to — no matter whether it is a light-curing or dual-curing, a single- or multi-bottle system.

A firm foundation

According to the company, Visalys Core ensures easy and reliable handling with excellent positional stability. At the same time, it exhibits good flowability and low extrusion force. The excellent compressive strength results in a stable monoblock and a secure bond.

Optional light-curing allows the procedure to be continued immediately, according to the company, and reliable self-curing provides for dependable strength even on the cavity floor and in root canals. Exellent 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.

For more information or to check out the Visalys Care for yourself, visit www.kettenbachusa.com or stop by the booth, No. 237.

About Kettenbach LP

Kettenbach LP (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.

Today, the company is an international producer of dental impression materials and is also known in other surgical areas of medicine. Brands include Panasil VPS Impression Material, Monitur VPS Impression Material, Futur Bite Material, Silginat Alternative Alginate, Visalys Temp Material and Visalys Veneers.
The Planmeca Compact i Touch, Sovereign Classic and Sovereign make up a distinctive product line that is built with the doctor in mind. Feature-rich and designed to accommodate your preferred working positions, these units are made to minimize physical strain and maximize the life of your practice.

Planmeca Sovereign
The Planmeca Sovereign is a combination of sophisticated engineering, innovative technology and award-winning design. It is the only dental unit on the market with both a motorized chair swivel and a motorized base for ease-of-use for any treatment need — such as CAD/CAM, implantology, laser treatment, prosthodontics or even anesthesia, all in the same room.

In addition, the length of the motorized backrest can be adjusted to optimally position patients of all sizes. Available only on the Planmeca Sovereign, this innovative feature guarantees the best possible comfort for the patient and optimal working ergonomics for the dental team.

Planmeca Sovereign Classic
The Planmeca Sovereign Classic was designed around the key concepts of comfort and usability. A slim, compact cuspidor makes it the perfect choice for any treatment room, while the user-centered design offers ease of use for both doctor and assistant. UltraLeather™ upholstery and ergonomic design also ensure patient comfort during procedures.

The unit is fully customizable, providing options for personalized settings from its user-friendly touchscreen. A six-position instrument console allows easy access to preferred instruments, while the Flexy™ holder for suction tubes and additional instruments supports the treatment needs of any practice.

Planmeca Compact i Touch
Planmeca Compact™ i Touch supports an ergonomic and smooth workflow, with simple and intuitive details that make your everyday work easy, comfortable and efficient — without compromise.

For versatility, its compact size fits almost any office design, plus it’s packed with features and functionalities to maximize your productivity.

With more than 40,000 satisfied users around the world, it is designed to accommodate a wide variety of needs in dentistry.

For more information or to take a closer look at the Planmeca Compact i Touch, Sovereign Classic or Sovereign, stop by the booth, No. 308.