So much to see

Education goes quickly at ADA

Workshops, free courses and Education in the Round presentations all on tap

By Robin Goodman, Dental Tribune

There may not be such a thing as a free lunch, but here at the ADA Annual Meeting, there are free courses, and Thursday’s schedule boasted 39 of them. The day’s lineup also included 27 workshops, 30 fee courses and two Education in the Round lectures, so the only problem one might have had was deciding which courses to attend.

Some of the first workshops of the day were sold out, such as Dr. Lee Silverstein’s lecture on “Suturing for the Dental Practitioner and Staff.” Silverstein’s user-friendly demonstrations not only helped participants learn the fine art of suturing, but helped them understand the materials used and which techniques to employ for various clinical situations.

Just down the hall, Dr. Jonathan Parker’s lecture on “Snoring and Sleep Apnea: A Successful Method for Choosing the Right Appliance and Managing the Patient’s Bite” was also sold out. Parker illuminated the features and characteristics of seven different oral appliances and shared a method for choosing the right appliance for every patient.

Today’s course offerings are no less varied, with many starting at 8 a.m., so make sure you arrive early to score a good seat.

Dr. Lee Silverstein talks about “Suturing for the Dental Practitioner and Staff” during his education presentation Thursday.

Photo/Robin Goodman, Dental Tribune

There’s a lot of excitement this week in the city by the bay. The American Dental Association reports that more than 33,000 attendees from 83 different countries are here in San Francisco for the 153rd Annual Session and World Marketplace Exhibition.

The meeting, a gathering of leaders in dental practice, research, academia and industry presenting continuing education courses and product exhibits, was kicked off on Thursday morning with the ADA Distinguished Speakers Series, featuring renowned political commentators Robert Reich and George F. Will.

On the exhibit hall floor, meeting attendees are able to explore, compare and purchase the latest dental products available from more than 600 suppliers and service providers.

Here is a sampling of just some of the many offerings available to meeting attendees:

So much to see

By Fred Michmershuizen, Dental Tribune
Here at the ADA

For more information on any part of the ADA Annual Session, download the mobile app by searching for "ADA Annual Session 2012" in the app store.

The folks at 3Shape (booth No. 5320) are showcasing their TRIOS digital impression solution for implant abutment cases. From left are Carl Horrocks, Sal Barajas and Nancy Jain.

Lewis Soraich of HealthFirst (booth No. 1118) says the company’s Tru Align device reduces the amount of X-ray exposure given to patients.

With the advent of next-generation technology, dental professionals can now see and feel the difference. These enhancements are transforming the way clinicians perform their work.

• DentalEZ Group (booth No. 1908) is unveiling two new major enhancements for its top-selling StarDental 430 handpiece. The first enhancement is a new StarBright Plug n’ Play LED Swivel, and the second enhancement is the newest member of the 430 handpiece line, the 430 Satin. The new 430 Satin features the same stainless-steel construction and performance that each handpiece in the 430 series provides, yet has an updated new look. Dental professionals can now choose from either a high-gloss or satin finish when purchasing their 430 handpiece.

• 3Shape (booth No. 5320), a provider of 3-D scanning and CAD/CAM software, is showcasing its TRIOS digital impression solution for implant abutment cases. TRIOS captures implant positions and soft-tissue emergence profiles in a straightforward and integrated workflow that is both easy and patient friendly.

• OralCDx2, available from CDx Diagnostics (booth No. 5424), is an enhanced, second-generation version of its already powerful OralCDx BrushTest for the detection of oral pre-cancer and cancer. OralCDx2 includes biomarkers, cell cycle analysis and HPV testing, all of which is correlated with the presence of abnormal cellular morphology.

• HealthFirst (booth No. 1118) is offering Tru Align, a device that focuses on dental X-ray radiation and reduces the amount of exposure given to each patient (even beyond the level that digital X-rays provide). The device uses rectangular gummification to reduce radiation exposure in the dental chair. According to the company, it’s the first device of its kind in the market that addresses the as low as reasonably achievable (ALARA) standard.

Of course, these are just some of the many offerings available here at ADA. The exhibits are open today and tomorrow from 9:30 a.m. to 5:30 p.m.
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Scenes from Thursday

Meeting attendees listen to a presentation at the Pride Institute Technology Expo, located at the ADA CE Hub on the exhibit hall floor.

Frank Cortes of Directa AB (booth No. 5513). Tracy Broders, left, and Randy Bailey of Shofu Dental Corp. (booth No. 2032).

Meeting attendees listen to an educational presentation at DEXIS (booth No. 2020).

Gary Mahr, left, and Phil Armijo of Mydent International (booth No. 1541).

Meeting attendees stop by the Henry Schein booth (No. 1026) on Thursday morning.

Photographs by Fred Michmershuizen, Dental Tribune

Meeting attendees learn about mini implants at Shatkin F.I.R.S.T. (booth No. 5516).

Ryann Van Riper, left, and Heidi Pineda of PBHS are the women with the flashing lanyards. Get yours at booth No. 5514.

Katherine White of Glidewell Laboratories (booth No. 1002).
Dental assistants dress up for a photo booth shoot at Televox (booth No. 1518). From left are Brenda Heckman, Pamela Clark and Britney Allen.

Treasure Tower Rewards (booth No. 6754) allows you to reward your young patients with fun prizes. From left are Ginny Potter, Rod Potter, Leigha Westover and Kathy Ruggiero.

‘Get found, get chosen, stay connected’ is the motto of Sesame Communications (booth No. 2520). From left are Kristin Leavitt, Susan Richardson and Sasha Thompson.

Mark Shainberg, left, and Rick Lindquist of PreXion (booth No. 2320).

John Catania, left, and Tony Ginestra of Acteon North America (booth No. 1840).

A meeting attendee sits down to learn more about E4D technology at the booth (No. 1036).

How about offering some coffee to your staff and patients? Kim McQueen of Patterson Dental Supply (booth No. 727) can show you how.
Renew your passion

By LVI Staff

Welcome to the ADA Annual Session, and congratulations on actively moving your understanding and professional success forward. It is only through excellent education that we individually grow and develop as dental health professionals and, through that, build a practice that is not just successful but delivers comprehensive and high-quality care. As a patient, I expect the best care I can find. As a dentist, I want to deliver the best care possible. That takes us to the power of continuing education and, as dentists, we are faced with many choices in continuing education.

As a way to introduce you to the Las Vegas Institute for Advanced Dental Studies, or LVI, I want to outline what LVI is about and what void it fills in your practice. The alumni who have completed programs at LVI were given an independent survey, and unlike the typical surveys of dentists, 99.7 percent love being a dentist, and of those surveyed, 92 percent enjoy their profession more since they started their training at LVI. That alone is reason enough to go to LVI and find out more.

While the programs at LVI cover the full breadth of dentistry, the most powerful and life-changing program is generally reported as being Core I, or “Advanced Functional Dentistry – The Power of Physiologic Based Occlusion.” This program is a three-day course that is designed for clinicians and their teams to learn together about the power of getting their patients’ physiology on their side.

In this program, clinicians can learn how to take control of their practice and start to enjoy the full benefits of owning a practice and providing high-quality dentistry. Regardless of whether it is a solo practice or a group setting, every dentist can start the process of creating comprehensive care experiences for their patients.

We will discuss why some cases dentists are asked by their patients to perform are actually dangerous cases to restore cosmetically. We will discover the developmental science behind how unattractive smiles evolve and what cases may need the help of auxiliary healthcare professionals to get the patient feeling better.

The impact of musculoskeletal signs and symptoms will be explored, and we will look at how the supporting soft tissue is the most important diagnostic tool you have—not simply the gingiva but the entire soft-tissue support of the structures and not just in the mouth but also in the rest of the body.

A successful restorative practice should not be built on insurance reimbursement schedules. An independent business should stand not on the whims and distractions of a fee schedule but rather on the ideal benefits of comprehensive care balanced by the patients’ needs and desires.

Dentistry can be a challenging and thankless business, but it doesn’t have to be. Through complete and comprehensive diagnosis, there is an amazing world of thank yous and hugs and tears that our patients bring to us when we change their lives. The Core I program at LVI is the first step on that journey. That’s why when you call, we answer the phone: “LVI, where lives are changing daily!”

For more information on the Las Vegas Institute for Advanced Dental Studies, visit www.lviglobal.com.

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Practical implantology courses for clinicians

Continuing education in dental implantology has traditionally focused on theoretical aspects. However, since 2003, the Trinon Collegium Practicum has organized practice-oriented dental implantology courses based on the model of surgeon training in European hospitals, enabling dentists to have a firmer grasp of implantology.

Entering implantology can be difficult for dentists to achieve successfully. It is not a subject of university education, and with international universities and courses being focused largely on theoretical orientation, it proves a time-consuming endeavor.

Furthermore, in international education and training programs, the dentists almost never work on patients or might work on phantom cases, classified as hands-on.

This, according to Prof. Rainer Valentin, board member of the German Society for Dental Implantology (DGZI), led to education in implantology placing an increasing emphasis on theoretical training, which then results in a neglect of practical experience and, most importantly, the proof thereof.

This phenomenon is repeated globally and results in dentists often lacking confidence and developing a fear of complicated cases, which essentially leads to long pauses between individual implants and a limited learning curve.

Learning by doing

The Q-Implant Marathon is one reaction to this situation in the continuous education sector. Started in 2003 in Cuba, and conducted more than 70 times in four countries worldwide, the course is designed to be purely hands-on with a real patient experience under strict supervision from international surgeons and university hospitals.

Participants with a strong theoretical foundation in implantology spend five days assisting in and performing surgery, placing approximately 30 implants within this short period.

“One is only confident doing what one knows,” said Dr. Harald Glas from Vienna, summarizing the positive effect of practical education.

During the Q-Implant Marathon, Glas worked with international peers and supervisors on several cases a day. Every case is discussed beforehand with the supervising tutor and assisting surgeon, furthermore, even during the surgery. Questions about surgical treatments are addressed.

Patients are prepared and followed-up by the resident team of the university hospital and, in most cases, are immediately provided with long-term temporary restorations so participants can see the result of the treatment and complete their photographic documentation.

The phased approach of the Q-Implant Marathon, which accounts for 45 dental C.M.E. points, divides participants into three levels: beginner, advanced I and advanced II.

This gives dental practitioners an opportunity to learn the relevant practical knowledge they require at their home clinics.

Beginners’ courses work on basic implant cases whereas surgeons with considerable experience can venture into more complicated cases with the knowledge and safety of having a supervisor to discuss the case and assist during surgery.

The concept of hands-on courses has been influenced by surgeon training in European hospitals where emphasis on practical surgical training of young doctors is at the center from day one. The experienced surgeon guides the hand of the assistant physician and gives him the experience of working on patients while in a safe and controlled environment.

“Learning by doing is the most successful way to gain experience in implantology, and that is why we do it that way,” said Dr. Alfredo Valencia, the scientific director of the Q-Implant Marathon program.

A focus on the United States

Today, the course has been rolled out throughout three permanent locations worldwide, with one in the Dominican Republic and two courses in Asia. In the last eight years, the Trinon Collegium Practicum has seen more than 2,000 dentists participate in the Q-Implant Marathon with more than 12,000 patients treated and more than 30,000 implants placed.

The decision to conduct these hands-on courses in the Dominican Republic stems from the rising number of dental implantologists in the United States and its surrounding regions, a growing number of patients demanding a high level of care and the overall lack of practice-oriented courses in close proximity to American dentists.

The course in the Dominican Republic is based in Santo Domingo and has been conducted more than 26 times. This course collaborates with private clinics, where the clinic equipment is comparable to U.S. standards, similarly, the infrastructure is more or less comparable to the situation in the United States.

All of the Trinon Collegium Practicum courses have ensured that conditions under which surgeons work have appropriate standards, including surgical equipment, professional tooth scaling for patients, digital X-ray equipment and modern dental treatment chairs.

The head instructor for the Q-Implant Marathon in Santo Domingo is Valencia, who studied human medicine at Oviedo University in Spain and specialized in stomatology, oral-maxillofacial surgery and implantology over the years. Valencia is supported by a team of assisting tutors, whom he personally recruited. Most of these tutors have learned implantology from him.

“So I know them well and it is easy for me to work with them,” Valencia said.

The atmosphere is harmonious even after 12 hours in the surgery room, the groups still like to meet for an evening meal. Courses in Santo Domingo have occurred twice a year in the Dominican Republic and Asia. To find out more about the Q-Implant Marathon, contact Optimum Solution Group, Mac Kubik, by phone at (877) 705-1002, e-mail info@optimumsolutiongroup.com or online at www.implantologycourses.com.
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By Gendex Staff

Some things improve with age: wine, wisdom and the innovative imaging solutions from Gendex. In 2013, Gendex will celebrate its 120th year of producing easy-to-use and affordable imaging solutions. From sensors to panoramics to 3-D imaging, Gendex quality, engineering and workmanship create products that give dental professionals more opportunities to bring quality and innovative dental care to their patients.

The new Gendex GXS-700 sensors represent the eighth-generation digital sensor from Gendex. Whether an office is changing from film to digital or just upgrading sensors, these sensors are easy to use and portable and create images instantly with outstanding quality and clarity. To maximize comfort, these sensors come in two sizes, to accommodate children and adults, and are designed with rounded corners and smooth edges.

X-rays can be captured more quickly with the "Always Ready" feature that automatically recognizes the presence of radiation and starts image acquisition without initiating the capture through software or hardware interfaces. And, because of the USB connection, the sensor is easily transferred between operators, and the team member does not have to keep track of docking stations or card readers.

For offices that use panoramic imaging, the GXDP-300 offers diagnostic efficiency and office productivity. Accurate, clear views of the patient’s anatomy are gained through proprietary FOX™ technology. Images can be viewed in a variety of imaging software programs employing GxTWAIN interface.

Taking pans is easy and quick with a simple three-step operation and a large LCD touchscreen — just choose the projection, select the patient size and take the pan. The EasyPosition™ system allows the team member to easily place and stabilize different-sized patients, even those in wheelchairs, to reduce movement and optimize accuracy.

Taking radiography one step further, the Gendex GXDP-700 Series has the ability to transform from 2-D panoramics to cephalometrics to 3-D. The system is modular, so besides the full complement of 2-D panoramic imaging, it can be upgraded to cephalometric and 3-D SFOV (small field-of-view). That way, as the practice grows, so can the dentist’s imaging choices.

With images from this versatile unit, dentists can diagnose and treatment plan for caries, root investigation, orthodontics, implants and other surgical procedures, as well as perform patient education. The GXDP-700 offers 35 panoramic options — 11 projections for three patient sizes, two 3-D volume sizes plus a dose-saving scout view and the ability to add cephalometrics — 15 options and five projections for three patient sizes.

The 3-D scans from the GXDP-700 3-D can be sliced in any direction so the clinician can view anatomical variations and anomalies that can interfere with a procedure’s success. The 3-D software is compatible with specialized restoration, digital impression and CAD/CAM programs, and the implant software allows for a choice of multiple implant brands or can be set for the clinician’s favorite brand as well as for surgical guides and milled or standard restorations.

All of these digital imaging solutions give dentists the opportunity to educate patients so they better understand their clinical conditions, the need for treatment and compliance with “doctor’s orders.” With 2-D imaging, the practitioner has the ability to enlarge the image or zoom in on an area of interest and show small details of the dentition.

With 3-D, by being able to see dental issues such as supernumeraries and impacted canines, dentists can not only explain the situation to their patients in a more visual way, but they can often avoid exploratory surgery and avoid additional trauma to the patient. The digital format also improves communication between referring dentists because all of the images can be easily and securely transmitted electronically.

With all of the imaging options that Gendex has to offer, every dentist can have the opportunity to choose the solution that is the right fit for his/her office. After more than a century of research, development and catering to loyal customers, Gendex continues to help dentists achieve more successful treatment outcomes for patients and help to grow the modern dental practice.

To learn more about Gendex’s digital imaging solutions, stop by the booth, No. 1526.

Here at the ADA

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New brush head helps you to ‘get hold of oral health’

By Robin Goodman, Dental Tribune

Procter & Gamble (P&G) had quite a bit of news to share with the media yesterday afternoon, and Dental Tribune had a chance to sit down with its movers and shakers for a preview before the official presentation.

First, we met with Dr. Jonathan Levine, who runs the advanced esthetics program at NYU. Levine is involved in a campaign with Oral-B® and Dr. Mehmet Oz to challenge America to ‘get hold of their oral health,’ as Levin phrased it. The dynamic duo wants to educate people about how important it is to have a healthy mouth.

“It’s about the tools that are available today so that people can have healthy mouths in the easiest way possible,” Levine explained. “We all talk about getting fit and eating properly, but there is a little bit of a disconnect between how healthy we are in our bodies and how healthy we are in our mouths because people erroneously think there is a wall of separation. Yet, as we know, it’s actually quite connected, there is a partnership between oral health and overall health.”

As a result, Oz and Levine are challenging America to have a healthy mouth and the team places a special focus on the underserved population, which is increasing demands for CAD/CAM solutions in the area and lay the groundwork for the increased activity surrounding the release of 3Shape TRIO® a digital impression solution system for dentists, here at the ADA.

The office will be managed by Vestermark, who has also been managing the East Coast office in New Jersey. The new office will host modern training facilities for customers’ maximum uptime and competitiveness.

The office will be managed by Vestermark, who has also been managing the East Coast office in New Jersey. The new office will host modern training facilities and equipment where users and partners can benefit from hands-on courses in 3Shape’s digital technologies for labs and clinics.

Rancho Cucamonga address
3Shape
9227 Haven Ave., Suite 360
Rancho Cucamonga, Calif., 91730

Procter & Gamble booth, No. 6344. Photo/Robin Goodman, Dental Tribune

The opening of this office represents our commitment to offer the best support and training possible. We are witnessing a strong growing demand for our latest CAD/CAM solutions, and the new office allows us to continue building our market, while promoting the advantages of digital dentistry and ensuring our cus-

Crest Oral-B Global Scientific Communications Manager Dr. Veronica Sanchez, left, and Dr. Jonathan Levine just minutes prior to Levine’s presentation on Thursday at the Procter & Gamble booth, No. 6344. Photo/Robin Goodman, Dental Tribune

3Shape new office near L.A.

3Shape continues to expand its presence around the globe with the opening of a new office in California. Located in Rancho Cucamonga, near Los Angeles, the office will offer training, technical support, product demonstrations and business support to 3Shape partners and end-users.

Local service, support, training — Pacific Time

3Shape’s latest expansion will meet the needs of diverse patients who travel to this area for comprehensive care.

Where P&G enters the picture by supporting Levine’s foundation, Glo Good, Glo Good is all about oral health initiatives in underserved populations. Levine has traveled to Rwanda and East Africa to set up clinics to improve the oral health of these communities. Now the Glo Good group is looking to do things with P&G to help improve the underserved populations in the United States, which numbers about 47 million. Thus, the U.S.-wide campaign seeks to challenge Americans to become educated about the importance of oral health, but it also seeks to give back to the community.

Dr. Veronica Sanchez, the global scientific communications manager for Crest and Oral-B, shared that Oral-B is donating $75,000 to Glo Good’s efforts. “We are honored to be working with Dr. Levine,” Sanchez said, “and I am fond of how he puts it when he says: ‘You are what you eat, so if you are sick, it means you are not taking care of your mouth.’”

In order to help populations around the globe with this goal, Sanchez shared the other big news of the day, the release of the new Oral-B Deep Sweep® brush head. Design as the result of consumer feedback, the new brush head has all the things consumers like about a manual toothbrush but offers the supreme cleaning power only an electric toothbrush can offer.

The brush head combines stationary and sweeping bristles, which provides two levels of clean: one that sweeps away plaque on the surface and another that reaches deeply between teeth. Indicator bristles at the power tip remind patients to replace the brush head once the bristles have faded halfway or every three months. In addition, the head’s familiar shape, like that of a manual toothbrush, eases the switch from a manual to a power toothbrush. In addition, the new Deep Sweep brush head is compatible with all Oral-B Professional Series power toothbrush handles.

To get more information about the Deep Sweep brush head and Glo Good initiatives in your area, swing by the Crest Oral-B booth, No. 6344.

3Shape, the vice president of operations in North America, said: “The opening of this office represents our commitment to offer the best support and training possible. We are witnessing a strong growing demand for our latest CAD/CAM solutions, and the new office allows us to continue building our market, while promoting the advantages of digital dentistry and ensuring our cus-
THINK PINK, PRACTICE PINK!

For the seventh consecutive year, Henry Schein has partnered with the American Cancer Society (ACS) to provide awareness and support to help in the fight against breast cancer and ALL cancers.

Your participation in the Think Pink, Practice Pink Program has enabled Henry Schein to donate over $500,000 supporting the efforts of the ACS.

over $500,000 donated thanks to caring customers like you!

FIGHTING CANCER
Proceeds from our “Think Pink, Practice Pink” flyer will once again go to the ACS Hope Lodge Program. Hope Lodge offers cancer patients and their families a free, temporary place to stay when receiving treatment. Currently, there are 31 Hope Lodge locations throughout the United States. To find out more about Hope Lodge, call the American Cancer Society at 1-800-227-2345.

INCREASING ACCESS TO CARE
Portions of the funds received through the Think Pink, Practice Pink Program will also go to our Henry Schein Cares Foundation. The Foundation works to foster, support, and promote dental, medical, and animal health by helping to increase access to care in communities around the world.

The Henry Schein Cares Foundation carries out its mission through financial and product donations to non-profit organizations supporting health care professionals and community-based programs focused on prevention, wellness, and treatment; disaster preparedness and relief; and capacity building of health institutions that provide training and care.

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Scannable abutments: digital impressions for dental implants

By Carlos A. Boudet, DDS, DICOI

Technological advances are making it easy to practice dentistry in almost every dental procedure. This article aims to increase awareness of a new modality for the restoration of implants by general practitioners and prosthodontists utilizing chairside digital impression systems.

Taking an implant impression for crowns and bridges requires a stock or custom impression tray loaded with a polyvinyl siloxane or polyether material that is placed in the mouth to record the position of a properly seated impression coping. This impression is then used to pour a stone model from which the laboratory fabricates the final restoration.

Digital intraoral impressions were first introduced in 1987 by Siemens with the CEREC® system. There are now several systems that offer intraoral scanning and digital impression capabilities for the construction of crowns and bridges without the need for impression trays or materials.

For the dentist who needed an implant impression, however, this technology was yet available. In 2004, BIOMET 3i introduced a coded implant healing abutment that provided all of the necessary implant information without the need for impression copings.

In 2010, Straumann introduced a scannable abutment called a “scanbody,” which allowed for the taking of a digital implant impression. We needed this option to be available for the most commonly used implant systems, but Straumann only works with ITI®.

Axix Dental Design Center has taken the concept further by developing scannable abutments that are compatible with implant systems from most of the major implant companies, allowing dentists to submit digital impressions for CAD/CAM design and milling of implant abutments and fixed restorations. However, at the time of this writing, they, too, can use only the iTero scanner.

In February, Glidewell Laboratories introduced intra-oral scanning abutments under its Inclusive® line of implant products for implant systems from Astra Tech, Straumann, Neoss and Zimmer, as well as Certaintm, PrimaConnex® and Bränemark System®, NobelActive™ and NobelReplace™. These inclusive scanning abutments are also available for the lab’s line of inclusive tapered implants, and they can be used to create digital implant impressions with available, compatible intraoral scanners, such as iTero, Lava™ CO.S.P., CEREC®, FastScan® and the soon-to-be-compatible E4D® Dentist. Heraeus projects to have a new intraoral scanner, the cara TRIOS®, available this year.

The following case example demonstrates the simplicity of capturing a digital implant impression using an Inclusive Scanning Abutment and CEREC Redcam acquisition unit with version 3.8 CEREC Connect software to restore a Zimmer Screw-Vent® implant. However, any of the previously mentioned chairside digital impression systems available today are compatible and can be used for this technique.

Case presentation

A 62-year-old male needed the restoration of a Zimmer Screw-Vent 4.7 wide implant in the area of the right mandibular first molar (Fig. 1). The gingiva healed around the healing abutment and was ready for the implant impression. After removing the healing abutment, I placed the inclusive scanning abutment and finger-tightened it over the implant. If tissue shaping is required for proper emergence of the final abutment because you did not use a custom healing abutment, you can do it now. You will need good hemostasis, as bleeding will interfere with the impression.

Next, we powdered the scanning abutment and adjacent teeth and took the scans for the digital impression (Fig. 2). I then took the buccal bite and correlated the models before replacing the scanning abutment with the healing abutment.

Lastly, we selected Glidewell Laboratories as the dental laboratory in the CEREC Connect software and completed the detailed prescription for the simultaneous fabrication of the CAD/CAM custom abutment and crown. I selected a titanium abutment and BruxZir® Solid Zirconia crown. Before the lab began the milling process, the technician called as I had requested, and we fine-tuned the design (Fig. 3). The case arrived, I tried in and verified the fit of the CAD/CAM abutment, torqued it to the recommended specifications and then cemented the BruxZir crown with very minimal adjustment (Fig. 4).

Conclusion

I could have handled this case in-office with good results using soft-tissue models, a prefabricated titanium abutment prepared extraorally and an IPS e.max® crown, but why would I want to spend more time doing laboratory work when I can be more productive and deliver state-of-the-art dentistry to my patients? When you compare the simple steps involved in capturing digital implant impressions using scannable abutments to conventional impression systems, the digital method is easier and makes you a better and more productive dentist.

References

7. Personal communication between labora-
tory owner and author.

About the author

CARLOS A. BOUDET, DDS, DICOI, graduated from Medical College of Virginia in 1980 with a DDS. Soon after, he became a commissioned officer for the United States Public Health Service. His tour ended in 1982, when he was asked to serve as director of four dental clinics around Lake Okeechobee, Fla. Boudet established his dental practice in West Palm Beach, Fla, in 1987 and has been there for 26 years. He is a diplomate of the ICOI, a member of the Central Palm Beach County Dental Society and sits on the board of directors of the Atlantic Coast Dental Research Clinic. Contact him at www.boudetdds.com or (561) 968-6022.
Grow your practice with advanced LED optics solutions

Here at the ADA, DentLight is offering a number of innovative LED optics solutions to help you build and increase revenue, including Fusion, rated by Clinicians Report as one of the best curing lights. In fact, it is so advanced and so much more than just a curing light that it is offered as a “dental oral exam” (DOE) system.

The Fusion-DOE Kit is available at a special price during the ADA: $1,797 (regularly $2,500). As Dr. Richard Liu, president of the Plano, Texas-based manufacturer explained, in addition to its curing functions, Fusion’s high-contrast fluorescence imaging can also be used for oral-cancer screening and its transillumination for caries and lesion detection.

Liu, who spoke with Dental Tribune at the company’s booth (No. 5563), said the light has a patented focused beam that allows a composite to cure four times faster than other lights, and its double depth penetration means that it is the best light for bulk curing.

“This just blows everything else on the market away,” Liu said. “There isn’t anything else like it currently available.”

He said the light adds to profitability for the dentist, offers increased marketability potential for new patients, and it is particularly effective in detecting HPV virus-induced lesions on the back of the throat because of its small size, which makes access easier, and its high fluorescence image contrast.

Scott Mahnken, a dental industry consultant who works with DentLight, said the light means less clutter in the dental office, more efficiency and increased revenue.

“Fusion offers the fastest ROI of any product I have seen,” Mahnken said.

Dr. Howard Glazer of Fort Lee, N.J., said: “When it comes to curing lights, I have long been a fan of the Fusion from Dentlight for its power, ease of use and value for the nominal cost. The Fusion DOE Kit comes with a snap-on head for the Fusion light as well as snap-on filters for your loupes. I am a firm believer in and advocate for oral-cancer prevention through early diagnosis, and the DOE system is a very good way to conduct a fast and non-invasive examination of the oral cavity.”

As noted in the recent Clinicians Report, only 50 percent of dental hygienists are conducting potentially life-saving oral-cancer screenings.

Dr. Gordon Christensen said: “We can do better. We need to observe it earlier! We have the responsibility to observe and question oral lesions. Fluorescence is a viable adjunct to mandatory visual and manual oral cancer screenings because it reveals abnormal cells before they may be noticed visually.”

Several other innovative lighting solutions are also available from DentLight. The Nano loupe light offers the smallest overall light with focused power and three digital brightness levels. It allows the dentist to see caries and helps improve posture and vision. In addition, for proper eye protection, a laser filter converts a regular magnifying loupe into a laser loupe, which Glazer considers a “must have” product when doing laser procedures.

Dr. Richard Liu of Dentlight shows off Fusion at the booth, No. 5563.
Photo/Robin Goodman, Dental Tribune
The new kits from Shofu contain BEAUTIFIL Flow Plus (six 2.2 gram syringes with choice of F00 or F03 viscosities in shades A1, A2, A3, A3.5, A2O (opaque) or incisal) and BeautiBond (50 0.1 ml unit dose bottles). Photos/Provided by Shofu

Two of Shofu’s most acclaimed products are now available in two new kits offering discounted pricing.

The new kits will contain six syringes of the flowable restorative BEAUTIFIL Flow Plus in either zero-flow or low-flow viscosities and a box of 50 0.1 ml unit dose bottles of BeautiBond™, the seventh-generation bonding agent. The new kits are expected to synergize sales of both products, while at the same time providing significant cost savings to customers already using both products.

BEAUTIFIL Flow Plus
BEAUTIFIL Flow Plus represents the next generation of restorative materials, with a syringe-delivery that provides void-free adaptation and strength and durability of leading packable composites.

High radiopacity that is 15 percent greater than enamel ensures the base and liner will never again be mistaken for secondary caries.

Viscosity and handling characteristics have been optimized for greater control while delivering smooth and virtually self-polishing results. Shofu’s proprietary S-PRG (surface pre-reacted glass) filler technology provides the only composite resin with sustained fluoride release and rechargeability.

BeautiBond
BeautiBond is a seventh-generation self-etch, prime and bond all-in-one product.

Unique dual-functioning monomers (phosphonic acid and carboxylic acid) work independently, achieving equal bond strength to dentin and enamel comparable to sixth-generation adhesives.

BeautiBond has a film thickness of only 5 µm, providing indistinguishable margins. Bonding requires only one thin application, no shaking or agitation required and a 30-second application time.

Here at the ADA
For more information on the new kits, call Shofu at (800) 827-4638, visit www.shofu.com or stop by the Shofu booth, No. 2032.
With its advanced scanning, design and milling capability, the E4D creates a high quality, exceptionally well-fitting restoration.

For quality and accuracy, the E4D chairside CAD CAM system stands alone. Independent studies and clinicians confirm the accurate fit and clinical efficacy of the E4D restoration. What’s more, the E4D gives you the flexibility to practice on your own terms and your own schedule. And our hands-on training and support assures you of flawless integration. Which means it perfectly fits your success.

Call 800-645-6594+1 for a FREE hands-on demonstration. Or visit E4D.com/perfectfit to learn how E4D is the perfect fit for your practice.
Helping you do it yourself

The EZ Care™ Handpiece Maintenance Kit is the latest addition to the ProScore line of products. These maintenance kits are customized to your handpiece and include everything needed to keep the handpiece in optimal running condition: an XTend™ Ceramic turbine, Smart Cleaner, gaskets, coupler o-ring sets, handpiece cleaner/lubricant, detailed maintenance instructions and other products.

The EZ Care Handpiece Maintenance Kit complements both ProScore’s in-office repair product line and the Pro-Repair/ProService Handpiece and small equipment maintenance courses presented at various dental shows.

XTend Ceramic kits and turbines for high-speed handpieces

With the XTend Ceramic line of turbines and kits, ProScore offers dentists the best quality do-it-yourself products for high-speed handpieces in the market, according to the company. Not only are XTend Ceramic products backed with one of the best warranties in the business — one year for turbines and six months for rebuild kits — but XTend products have been known to outperform steel bearings, last longer and produce less noise and vibration.

The ceramic bearing technology incorporated in XTend Ceramic products provides many handpiece performance benefits:

• Reduced wear: Ceramic balls are twice as hard as steel balls.
• Increased durability: Ceramic balls are 40 percent lighter than steel balls, which reduces the internal forces and loads caused by high-speed rotation.
• Longer life: Ceramic bearings perform better than steel under marginal lubrication.
• Quieter and smoother operation: Noise and vibration are reduced as a result of lower loads.

Other EZ Solutions

ProScore’s other EZ Solutions offer dentists various do-it-yourself repair and maintenance options:

• EZ Press III™ and EZ Rebuild™ Kits: The EZ Press III Repair System is the answer to the high costs and downtime associated with sending high-speed handpieces out to be repaired. Allowing the dentist to easily change those parts that have worn out, the EZ Press III utilizes simple procedures, requires no guesswork and ensures precision placement of the bearings on the spindle.
• EZ Install™ Turbines: For an instant repair, dentists can replace cartridges chairside with EZ Install Turbines, which are manufactured with high-quality parts and quality assurance procedures, including dynamic balancing. The result is a high-performance, long-lasting turbine that often outlasts others in the market, according to ProScore.
• Smart Cleaner: The Smart Cleaner is a one-of-a-kind maintenance tool that not only helps prevent residue build-up in handpieces and coupler waterlines but also clears away obstructions if they occur. Simply connect the handpiece or coupler to the Smart Cleaner and activate the hand pump to clear obstructions and debris.
• EZ Care™ Cleaner and EZ Care Lubricant: EZ Care Cleaner was formulated to flush debris and remove build-up from the handpiece’s internal rotating parts, improving long-term handpiece performance and sterilization efficacy. EZ Care Lubricant has been designed to minimize bearing wear and to resist corrosion. When used together, EZ Care Cleaner and EZ Care Lubricant ensure that handpieces and accessories will achieve maximum longevity and maintain optimum performance.

ProScore has been dedicated to do-it-yourself handpiece repair and maintenance since entering the dental market more than 15 years ago as Score International.

Now, ProScore is part of Henry Schein’s “Family of PROs,” including ProRepair and ProService, which aims to offer you the best fit for your repair needs.
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*Powered by MYDENTAL HUB*
Solving one of dentistry’s most challenging problems

By Mark Hochman, DDS

Of all the procedures performed on a routine basis, the one procedure that is universally perceived by patients as the most fearful and anxiety provoking is the dental injection. In spite of the significant advances made during the past 100 years, our profession has yet to conquer one of the greatest challenges of dentistry — or has it? Milestone Scientific, after spending the past decade responsibly and methodically studying this problem, now believes that with the introduction of its new instrument, The Wand®/STA Single Tooth Anesthesia System, this age-old problem has finally been conquered.

The Wand/STA Single Tooth Anesthesia System represents the world’s first and only technology that uses the patented Dynamic Pressure Sensing® (DPS®) technology, which accurately and safely performs a pressure-regulated intra-linguimentary dental injection. The new Wand/STA Single Tooth Anesthesia System can also perform all traditional dental injection techniques, i.e., inferior alveolar block, supra-periosteal infiltration, etc. All techniques are performed more effectively, more efficiently and virtually painlessly.

Milestone’s new technology incorporates visual and audible real-time feedback, giving clinicians an unprecedented level of control and information when performing a dental injection. The Wand/STA Single Tooth Anesthesia System replaces the antiquated heavy metal dental syringe with an ultra-lightweight disposable handpiece weighing less than 10 grams for superior ergonomics and tactile control. The experience for both patient and dentist is one that is significantly less stressful.

Milestone Scientific created and defined a new category of dental instruments called C-CLAD® (computer-controlled local anesthesia delivery) systems. These are the only dental injection systems that have the published scientific data that substantiate the claim of eliminating or reducing pain perception when performing a dental injection.

This technology has undergone the rigors of clinical testing that has been performed in numerous universities and research centers throughout the world for more than a decade. These studies are published in some of the most highly respected dental journals in our profession. No other instrument, technology or device developed specifically to reduce pain and anxiety while performing a dental injection can currently make that statement.

With the introduction of C-CLAD technology, several new dental injections were introduced. The Wand/STA Single Tooth Anesthesia System has been optimized to perform these new dental injections. The first of these techniques, the anterior middle superior alveolar (P-ASA) nerve block, published in 1997 by Friedman and Hochman, is a contemporary technique to achieve maxillary pulpless anesthesia of multiple maxillary teeth from a single palatal injection without producing the undesired collateral anesthesia to the lip and face.

Subsequently, Friedman and Hochman introduced a second injection, named the palatal-approach anterior superior alveolar (P-ASA) nerve block, in which pulpless and soft tissue anesthesia of the central and lateral incisors are achieved by a single palatal injection. The general reduction in pain perception for all injections has lead to innovative ways to provide more efficient and effective dental anesthesia.

In addition to the new dental injections discussed above, The Wand/STA Single Tooth Anesthesia System improves the success rate of traditional injections such as the inferior alveolar nerve block. Holding The Wand handpiece with its unique pen-like grasp allows the clinician to easily rotate while simultaneously moving the needle forward, increasing accuracy by decreasing needle deflection. Advancing the ability to use the new multi-cartridge injection feature, The Wand/STA Single Tooth Anesthesia System provides numerous advantages when performing traditional injection techniques.

The introduction of The Wand/STA Single Tooth Anesthesia System represents a material improvement over previous versions of this exciting technology. Numerous innovative new features are available in the Wand/STA Single Tooth Anesthesia System, including automatic purging of anesthetic solution that primes the handpiece prior to use, automatic plunger retraction after completion of use, a multi-cartridge feature allowing multi-cartridge injections and reduction of anesthetic waste.

Milestone Scientific has developed a novel training feature in the Wand/STA Single Tooth Anesthesia System, providing clinicians with spoken instructional guidance on the use of the instrument and thereby substantially reducing the initial learning curve. The Wand/STA Single Tooth Anesthesia System is today’s advanced C-CLAD technology and represents the next generation of computer-controlled drug delivery instruments for dentistry.

References


About the author
Mark Hochman, DDS, is director of clinical affairs at Milestone Scientific.
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Eaglesoft 16 makes life easier

Practice management software helps reduce stress, increase profit

Eaglesoft 16 Clinical and Practice Management Software is Patterson Dental’s premier dental software. As the latest version, Eaglesoft 16 offers a new look, better functionality and enhanced adaptability while integrating the digital products for the office, clinical and imaging procedures all in one software.

Working to simplify the daily routine of dental offices, Eaglesoft 16 offers complete information access, condensing daily office management practices and providing specific tools that give each member of the dental team power to do more in less time.

In addition to increasing efficiency, Eaglesoft 16 can help reduce stress and increase profitability by streamlining everyday tasks and allowing offices to personalize the software to meet specific needs. New features include:

- Line item accounting enables users to apply a payment directly to a specific item.
- Customizable windows/dockable panels allows users to choose how much information to display on the “Account,” “Appointment” and “OnSchedule” windows as well as where to place the information within those windows.
- OnSchedule has a variety of features, including being able to change the time without affecting existing appointments. OnSchedule has provider views so the front office can check providers’ schedules to identify double bookings and availability.
- The Patient Bar provides quick access to patient-specific information so users can customize which icons they use the most in each area.
- Family Walkout Eaglesoft 16 no longer requires separate appointments to be processed one at a time when the entire family is in on the same day. Now the front office staff can process a walkout for all family members at once and issue one receipt for the family.
- Smart Claim/Smart Invoice allows office managers to create insurance claims and patient walkout statements more easily and check today’s items at the simple click of a button.
- Date-based reporting is a new option for select financial reports, letting users run financial reports for any range of dates; it is no longer necessary to choose a range of end-of-day reports.
- Automatic account aging helps office managers save time on end-of-day processing and statement processing and also keeps account balances up to date.
- The help menu has also been updated and now offers easier access to the FAQ knowledge base.

Additional features include “Money Finder,” “Fast Check-In,” “The Treatment Plan,” “eReferral,” “Prescription Writer,” “Patient Notes” and “Messenger.” By understanding the many tools provided by Eaglesoft 16, dental offices can equip themselves with the software needed to make the office run more efficiently and increase revenue.

In addition to software, Patterson Dental offers support and customer service. Patterson Dental’s in-depth understanding of the market and commitment to development and customer satisfaction has driven the development of Eaglesoft 16 Practice Management Software, making it a vital tool for every dental office.

Here at the ADA
For more information on Eaglesoft 16 Practice Management Software, stop by the Patterson Dental booth, Nos. 716/725/727.
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Diagnose caries like never before

SOPRO, a world leader in dental video imaging, has applied all of its technical expertise in conjunction with scientific and clinical researchers to develop a patented technology based on the principle of fluorescence. The result of this effort is a device called SOPROLIFE (light induced fluorescence evaluator), an intraoral camera with high-image quality coupled with a feature to diagnose and treat caries.

SOPROLIFE allows you to see what was once invisible to the naked eye. It provides greater accuracy in identifying, evaluating and determining the location of a carious lesion with image magnification of 30 to 100 times.

SOPROLIFE offers the ability to detect tooth decay at different stages of its development, allowing the clinician to determine the most effective course of treatment. With the push of a button, the blue LED lights are activated, and variations in the amelodentinal architecture result in visible color changes to the tooth’s image.

During diagnosis, the auto fluorescence technology in SOPROLIFE detects occlusal or interproximal decay, even in its earliest stages, which can often be missed by X-rays.

During treatment, SOPROLIFE differentiates healthy tissue from infected tissue in order to excavate only the affected area.

SOPROLIFE is not software dependent and functions with all SOPRO docking stations. SOPROLIFE is compatible with Windows® 32/64 bit and Mac OS®/Apple®

About Acteon

Acteon North America is part of The Acteon Group, a world leader in small equipment and consumables for dentists. The Acteon Group’s companies include SATELEC Equipment, SOPRO Imaging and Pierre Rolland Pharmaceutical, which employ more than 650 workers worldwide. Acteon continually develops products for a growing international dental market.
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Henry Schein ‘thinks pink’

Henry Schein, one of the world’s largest providers of health-care products and services to office-based dental, medical and animal health practitioners, is honoring National Breast Cancer Awareness Month by raising awareness of the importance of early detection through the company’s seventh annual “Think Pink, Practice Pink” program. This program has raised more than $500,000 for cancer care during the past seven years.

Through the “Think Pink, Practice Pink” program, Henry Schein offers customers a selection of “pink products” — ranging from health-care consumables and practice supplies to apparel and gift items. Through the end of December, a portion of the sales of these special products will be donated to the American Cancer Society through the Henry Schein Cares Foundation.

“Our ‘Think Pink, Practice Pink’ program exemplifies Henry Schein’s unique model of social responsibility, through which we create opportunities for our Team Schein Members, supplier partners and customers to participate in a shared effort to ‘help health happen,’” said Stanley M. Bergman, chairman and chief executive officer, Henry Schein, Inc. “Working together, we can exponentially enhance the impact that any one of us could have alone.”

On Oct. 11, Team Schein Members across the United States wore pink to commemorate National Breast Cancer Awareness Month and contributed their own funds in support of cancer research and care.

“Team Schein Members genuinely wear their hearts on their sleeves, and the color of our commitment is pink,” said Henry Schein Vice President of Dental Product Advertising Maureen Knott, who is also an architect of Henry Schein’s “Think Pink, Practice Pink” program. “Breast cancer has affected a family member or friend of nearly every person at Henry Schein, and it is a wonderful feeling to see this sea of pink and realize that we all share the desire to raise awareness of the importance of early detection and support cancer care.”

Here at the ADA

For more information on Henry Schein’s “Think Pink, Practice Pink” program, stop by the booth, No. 1026.

TPH3 Micro Matrix Restorative

TPH3 Micro Matrix Restorative, which blends nanotechnology with proprietary fillers in a clinically proven resin matrix for a composite that combines beauty and durability, is now available in a 50-count bulk refill for shades A1, A2 and A3. This new package will better accommodate large volume and busy practices.

TPH3 Micro Matrix restorative provides creamy handling, long working time and sculptability. The proprietary technology allows it to absorb colors from surrounding tooth structures, producing restorations that defy detection. Color-reproduction capabilities and enamel-like luster provide the ability to create life-like restorations.

For more information on the TPH3 Micro Matrix Restorative, call (800) 532-2855, visit www.tph3.com or stop by the DENTSPLY Caulk booth, Nos. 5944/6044, here at the ADA.
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MIS Implants Technologies has recently launched the new Ci implant system. This new Ci system brings a combination of proven and innovative design features to market, including a conical connection and abutments that utilize a platform-switching concept.

The 6-degree conical connection ensures a secure fit between the abutment and implant. By minimizing micro-movement at that junction, bone loss at the crestal level is reduced. There is a six-position cone index within the conical connection to help orient the implant during insertion and place the abutment into the proper position.

Implants, abutments and tools are color-coded according to platform size for easy identification. The standard platform refers to the 3.75 mm diameter implant, while the 5 mm diameter implant is the wide platform. Lengths for all of the diameters come in 8, 10, 11.5, 13 and 16 mm.

The Ci implant (as all of the MIS implants) is made from a titanium alloy that contains titanium, aluminum and vanadium known as Ti-6Al-4V-ELI (Grade 23). This alloy has high fatigue strength and is highly biocompatible. Similar to commercially pure titanium implants (Grades 1-4), the outer surface of these implants consists of a thin layer of pure titanium oxide (TiO2).

The unique geometry of the Ci implant encourages primary stability with mild bone compression at the upper 2/3 of the implant. The final drill, used during preparation of the osteotomy, is designed in such a way to allow less compression by the threads at the apical third of the implant, which will enable rapid bone growth in that area. These two characteristics have been put in place to minimize the period of time between initial mechanical stability and long-term biologic stability.

Platform switching is a restorative concept that has been shown to minimize crestal bone loss. It has been theorized that moving the junction of the implant/abutment connection away from the outer edge of the implant platform reduces the bacterial component that could lead to loss of vertical height. For those clinicians who prefer to utilize platform switching in the restorative phase, the Ci abutments have been designed to allow this.

As with other MIS products, the surface treatment consists of both large particle blasting and acid etching. This not only creates micro- and nano-surface morphology, but also ensures a high-quality, contaminant-free surface that has been shown to achieve superb osseointegration results, according to the company. The apex of the Ci implants is dome-shaped to help prevent damage to the mandibular nerve as well as to avoid perforation of the sinus membrane.

Packaged with each Ci implant is a sterile, single-use final drill, a cover screw and a temporary PEEK abutment. Each implant (including these additional components) is sold for $249.

MIS offers conical connection implant

Here at the ADA
To receive more information about the Ci, call (866) 733-1333, visit www.misimplants.com or stop by the booth, No. 5358.
polar_eyes is a cross-polarization filter that makes it easy to eliminate unwanted reflections on teeth that are caused by a flash. These specular highlights can obscure details in the teeth and cause problems when communicating with the lab.

The sample photos show the typical reflections from a flash (without polar_eyes) and the reflection-free result when using polar_eyes.

The filter attaches to your macro flash by small magnets. This allows the filter to be quickly attached or removed for patient photos.

The polar_eyes filter is available to fit the following macro flashes: Canon MR-14EX, Metz MS-1 and Sigma EM-140DG.

A filter for the Nikon R1 macro system will be available shortly.

For more information, contact PhotoMed at (800) 998-7765, visit www.photomed.net or stop by the booth, No. 6455, here at the ADA.
Adventure of a lifetime

Four guys set out to snowboard like they never have before

By Marco Giovanni

Well, there we were, four buddies ready to begin our first heliski trip. We had just met up at Kelowna International Airport in the heart of British Columbia. Our rented 4x4 barely managed to squeeze in all our gear and four guys, but we were ready for adventure.

We were heading to Revelstoke, B.C., where the champagne powder is legendary and the snow had been falling almost non-stop for months. And we were on a mission.

One long-standing myth of heliskiing is that you have to be an "extreme rider" to experience. But in reality, it's the opposite. If you can ski at a resort in control, you can go heliskiing. Most clients and operations ski wide-open bowls and gentle terrain. In fact, it's hard to find a guide willing to tackle anything really challenging.

Until Eagle Pass Heliskiing began “Operation RECON” for professional riders and seasoned skiers only.

During RECON, guides explore remote areas of the massive tenure. They scout out new and untouched terrain. They seek out heart-stopping lines. They offer up a chance at a first descent or the opportunity to name your very own run.

Big names have ridden these coveted lines — pro riders such as Travis Rice, Jeremy Jones, Phil Mayer and Candide Thovex. The teams from Red Bull and Quicksilver chose them to film. Some of Eagle Pass Heliskiing’s big terrain can be seen in “The Art of Flight” by Brain Farm Cinema, the most anticipated movie of the decade.

And we were lucky enough to grab the last four spots. On the short drive to the lodge on the Columbia River, we talked non-stop of the adventure ahead.

In our group were serious ski fanatics from different parts of the world. Two were from the eastern United States, where fresh powder is a mostly a myth and big wet snowflakes are the norm. One was from the United Kingdom, where powder is at least 4 hours of travel and when you find it, you have to stand in line over and over again. And the last one was a local from western Canada, where powder snow is considered a birthright and can be had almost any time if you're willing to work a little or spend a little to find it.

When we arrived at Eagle Pass Heliskiing, staff were there to greet us with big smiles. We went into the office to check in. By the time we had our rooms and smiles. We went into the office to check in. By the time we had our rooms and big smiles. We went into the office to check in. By the time we had our rooms and big smiles. We went into the office to check in. By the time we had our rooms and big smiles. We went into the office to check in. By the time we had our rooms and big smiles. We went into the office to check in. By the time we had our rooms and big smiles.

Our bags were taken to the room, our gear and advanced equipment. Even my wife can sleep a little better knowing staff supply every single guest with a radio, avalanche beacon and the latest air-filled Avalanche Survival Backpack, a flotation device that deploys like a parachute.

After orientation, we all retired indoors to trade stories and pore over the terrain maps before heading to bed with dreams of cornices, chutes, cliffs and pillows.

In the afternoon, Newsome led us out new and untouched terrain. They seek out heart-stopping lines. They offer up a chance at a first descent or the opportunity to name your very own run.

The general manager arrived and gave us a tour of the facilities. Then the lead guide and one of the owners, Matt Pinto, introduced the staff and broke us into small groups of four riders and one guide each. We were led through a detailed orientation, including helicopter safety, beacon training and proper use of the safety gear supplied.

We were about to explore unknown terrain with some of the best riders in the world. And because we want to be able to do it again, safety is the No. 1 priority. So it was comforting to know that Eagle Pass Heliskiing uses only certified gear and advanced equipment. Even the weather and offered us some sunscreen.

Operation RECON had begun. It’s impossible to properly describe what happened next. Words don’t exist to explain the feeling of floating on air in fluffy, light powder. Nothing can describe the thrill of a controlled free-fall past massive granite rock faces. Our first run was a mind-blowing, 3,500 vertical feet of untouched, bottomless powder. Every inch of terrain was inviting.

For the rest of the day, we rode the steep sun-protected north-facing lines. Face shots were the call of the morning. At around noon, we stopped for some fresh fuel for ourselves and the machine. A table was carved from the snow on a high mountain alpine lake.

In the afternoon, Newsome led us to some narrow chutes that opened into wide-open bowls. We skied past huge rock spires and crystal blue ice falls on powder fields that seemed endless.

At 4 p.m., last run was called. Newsome asked if we wanted to go all the way to the valley bottom, warning us the snow might get variable lower down at this time of year. So we descended our final 4,000 feet of the day. It was an epic straight line race to the bottom with only the last few feet turning to soft serve ice cream.

We returned to the lodge and were met by two ladies with hot tea and hot hand towels. After a few minutes to get changed, we met in the lounge for après ski drinks and stories. Other groups arrived as the bartender brought out the Shot Ski to celebrate another safe and successful day in the snow.

In total, we spent three days and three nights at Eagle Pass in the spring of 2011, and it was simply amazing. The hospitality was perfect. The award-winning local cuisine was fantastic. The guides were awesome. The terrain was unbelievable. What are you doing next spring? I’ll be waist-deep in snow at Eagle Pass Heliskiing.
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**Open Platform**

Now compatible with more implant systems

$695* includes everything you need to restore a missing tooth

Visit us at booth #1002

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**USE YOUR OWN IMPLANT**

- AstraTech® OsseoSpeed®
- Biomet 3i® Certain® & External Hex (4.1mm)
- Nobel Biocare® Bränemark System®, NobelActive® & NobelReplace®
- Straumann® Bone Level®
- Zimmer® Screw-Vent®

In the event that your implant needs replacement, we include a backup Inclusive Tapered Implant and final drill for your peace of mind.

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**Complete case includes:**

- Prosthetic guide
- Inclusive Tapered Implant and final drill
- BioTemp® Tissue Contouring Solution
  - Custom healing and temporary abutments
  - Custom provisional crown
  - Custom impression coping
- Inclusive® Custom Abutment and BruxZir® Solid Zirconia or IPS e.max® crown (delivered separately)

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The Inclusive Tooth Replacement Solution now supports most major implant systems, enabling you to take advantage of its many benefits with your implant of choice. This all-in-one, restorative-based solution includes everything needed to restore a missing tooth. Patient-specific healing, temporary and impression components ensure ideal soft tissue contours are created from the day of implant placement.

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*Price does not include shipping.

# Not a trademark of Glidewell Laboratories. The implant shown is NobelReplace.

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**For More Information**

888-974-5368

www.glidewelldental.com