Get to know the CDA Foundation here in San Francisco

- The CDA Foundation will host several activities here at CDA Presents: The Art and Science of Dentistry, offering multiple ways for you to learn a little more about the organization and to support its causes.

  Through the generosity of volunteers and donors, the CDA Foundation has helped many Californians in need through its two flagship programs: CDA Cares and the Student Loan Repayment Program.

  In addition, the CDA Foundation provides dental materials and also supplies grants to community-based organizations to help provide access to care for California's most vulnerable citizens.

  Here is a look at the foundation events taking place:
  - **Wine Wall.** With a $20 donation, participants can pull any bottle of wine from the “wine wall” at the CDA Foundation booth (No. 802) on the exhibit hall floor. You may pick a bottle worth $100, and some lucky choosers will find a gift card paired with their bottle selection as well.
  - **The Spot.** CDA Foundation Chair- man Don Rollofson, DMD, will speak on Friday at The Spot about CDA’s role in helping California’s underserved patients. Learn how volunteering to help underserved patients can make lasting change. Rollofson will be speaking from 2 to 3 p.m.
  - **CDA Cares Chair Sponsorships.** Become a CDA Cares Chair Sponsor and receive a CDA Cares scrub jacket. To date, CDA Cares has provided $7.5 million in dental care to 10,040 people who experience barriers to care. For every $100 contributed, $1,100 in care is provided.
  - **CDA Foundation Scrubs.** Visit the CDA Store and purchase CDA Foundation scrubs. Your purchase goes to support the work of the CDA Foundation.

Learn more

For more information about the CDA Foundation, visit cdafoundation.org.

CDA Presents kicks off its annual meeting with new ways to help better your practice

- If you’re looking for the best this week – whether it be in educational opportunities or new products and technology – you are in the right place. For the next three days, CDA Presents The Art and Science of Dentistry has you covered.

  “We expect this show to be one of the best we have put on in San Francisco,” said Del Brunner, DDS, CDA Presents Board of Managers chair. “We strive to adapt and enhance our programs based on what members want and need to help them better their practices.”

See BEST, page 3

“Catch a cable car at Market and Powell, just a couple blocks from the Moscone Center. (Photo/Robert Selleck, today Staff)
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C.E. highlights include “Detection and Diagnosis of Oral Lesions for the General Practitioner: A Hands-on Cadaver Course,” led by Homayon Asadi, DDS, and William M. Carpenter, DDS, MS; “Practice Assessment: How Healthy Is Your Business?” led by Michael W. Perry, DDS, and Robyn Thomason, CDA Practice Support director; and “Alternatives to Surgical-Prosthetic Implants in the Absence of a Central Incisor,” led by Miguel Angel Diez Gurtubay, MsC.

In addition, there will be three opportunities to attend TDIC’s new risk-management seminar, “Beyond the Science: Patient Emotions in Dentistry.” This course will present real case studies to dentists and staff members to help them recognize when and how to dismiss a patient without placing them at risk, establish trust in the doctor-patient relationship to encourage treatment compliance and create office protocols to instill confidence in the dentist and staff.

The seminar takes place from 9:30 a.m.–12:30 p.m. and 2–5 p.m. today and from 9:30 a.m.–12:30 p.m. Friday.

Exhibit hall
Over in the exhibit hall, more than 375 companies are offering up myriad product launches, allowing dentists the ability to stay current on the latest technology trends in the industry. One booth you won’t want to miss is Intuit Demandforce, which will pay for the annual CDA memberships for three dentists here at the show. Demandforce, a marketing and communications system company that specializes in patient recall, will be giving away the memberships at its booths (Nos. 913 and 2138). All dentists need to do is stop by the booths, scan their CDA Presents badge and get a scratcher that will determine if they win instantly.

CDA app
To help plan your time here at the CDA Presents, download the CDA app, which offers easy access to schedules and speaker information, exhibitor and product listings, real-time alerts for such items as course availability, event photos and information on local hotels, restaurants and attractions. The app is compatible with any smartphone operating on the iPhone or Android platform. There is also a mobile web version of the app available at cdapresents.com/mobileapp.
Welcome to CDA Presents The Art and Science of Dentistry, 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 doctor, I want to deliver the best care possible. That takes us to the power of continuing education, and, as doctors, 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, 99.7 percent said they love practicing dentistry, 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 doctors and their teams to learn together about the power of getting their patients’ physiology on their side.

In this program, doctors can learn how to start the process of taking 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 doctor can start the process of creating comprehensive care experiences for his or her patients.

We will discuss why some cases doctors are asked to do are actually dangerous ones to restore cosmetically. We will discover the developmental science behind how unattractive smiles evolve and what cases may need the help of auxiliary health-care 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, in the mouth and 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!”
NEW Crest SENSI-STOP STRIPS are uniquely designed to deliver immediate relief right where patients need it. Extended contact locks in long-lasting protection.*

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* See package for usage instructions and additional information.
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EyeSpecial C-II: A digital camera designed exclusively for dentistry

By Shofu Dental Corp. Staff

Shofu Dental Corp. announces the latest addition to its extensive product line: the EyeSpecial C-II Digital Dental Camera.

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.

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

Designed to produce superb image quality, EyeSpecial C-II has exceptional depth of field range, fast autofocus 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 an Eye-Fi Pro X2 card, allowing images to be automatically transferred and uploaded onto a computer, tablet or smartphone.

With a retail price of $2,795, EyeSpecial C-II comes with a 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 and a flash calibration card.

In addition, SureFile photo management software is available for free download. This software will allow the user to automatically sort and 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 adds consistent efficiency to all your dental photography needs.

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

Here at the CDA

Stop by booth No. 1326 to see a live demonstration of the EyeSpecial C-II Digital Dental Camera. The first five orders each day will receive a free storage case ($100 value).

Purchase the EyeSpecial C-II Digital Dental Camera for $2,795 and get a storage case for free. (Photos/Provided by Shofu Dental Corp.)
INTRODUCING THE i-CAT FLX MV
Delivering the image quality and control you expect from i-CAT

SCHEDULE A DEMO TODAY

The i-CAT FLX MV (medium field-of-view) Cone Beam 3D solution is perfect for periodontists. Capture high resolution, 3D volumetric images for a more thorough analysis of bone structure as well as sinus and nerve location. The system provides a balance between image quality and dose, including a full dentition scan, with QuickScan+, at a comparable dose to a 2D pan*, useful for progress scans. Our 3D treatment software, Tx STUDIO, helps you map an entire course of treatment from surgical placement of the implant and abutment, all the way to the final restoration. Universally compatible with all leading surgical guide providers, Tx STUDIO gives you the convenient ability to order guides directly through the software.

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*Utilizing the i-CAT FLX QuickScan+ exposure protocol. Use of lower dosage imaging may only be suitable for certain diagnostic tasks. i-CAT FLX offers a variety of exposure protocols allowing clinicians to adjust dosage to specific diagnostic needs.
Fixed hybrid dentures have been used to successfully restore fully edentulous patients for decades. Their durability, however, leaves room for improvement.

The BruxZir® Full-Arch Implant Prosthesis (Glidewell Laboratories; Newport Beach, Calif.) provides a restoration that is more durable in the long term, while sacrificing nothing when it comes to esthetics.

**Case report**

The patient is a 58-year-old male with no contraindications for implant treatment. The patient had a total of 11 BioHorizons® Internal Hex implants (BioHorizons; Birmingham, Ala.) placed, including six in the maxilla and five in the mandible (Figs. 1, 2). The implants integrated for more than six months, and the patient presented for restoration of his edentulous arches.

First, preliminary impressions of the implants were made. After removing the healing abutments, closed-tray impression copings were seated. The impressions were made in stock plastic trays, and the impression copings were placed back into the impressions before the case was sent off to the laboratory.

The laboratory poured casts from the initial impressions and fabricated bite blocks and occlusal rims for the centric jaw relationship (CJR) records. Each bite block contained two screw-retained temporary cylinders that allowed the wax rims to be screwed down, producing a very accurate CJR. The contoured rims were returned to the laboratory with the initial casts.

Upon receiving the wax rims and jaw relation records, the laboratory and dentist decided the patient required four multi-unit abutments in the anterior maxilla to ensure the screw access openings were within the confines of the planned prosthesis.

At the next appointment, the patient’s healing abutments were removed, and the multi-unit abutments were transferred to the patient’s mouth and torqued into place. Later, wax setups were tried in and evaluated for proper esthetics, phonetics, contours, occlusion and tooth arrangement.

The implant verification jig (IVJ), which precisely captures the depth and angulation of the implants in the final impression, was seated and tightened into place. After bonding the individual sections of the IVJ together, a final impression was made.

The lab produced a fixed provisional appliance using precise CAD/CAM technology. The provisional implant prosthesis afforded the patient a trial period to evaluate the proposed restoration for esthetics and function (Fig. 3).

The final restoration was fabricated using the CAD design that was confirmed during the provisional trial period. The final prostheses were delivered without complication, exhibiting excellent fit, occlusion and esthetics (Fig. 4). The patient was exceptionally pleased with the function offered by this fixed restoration, which he should be able to enjoy for a great number of years given the extraordinary durability of BruxZir Solid Zirconia.

For more information on the BruxZir Full-Arch Implant Prosthesis, visit booth No. 1532.
Showcasing CariVu: A new approach to caries detection

By DEXIS Staff

The new CariVu™, a compact, portable caries detection device, is creating quite a buzz here at the CDA Presents.

If you have yet to stop by the DEXIS booth, No. 1802, to see this new product, then you owe it to yourself to take a look today.

DEXIS CariVu uses unique, patented transillumination technology to provide the ability to easily detect a range of carious lesions (occlusal, interproximal, recurrent) and cracks. This new system employs near-infrared light, which, in images, turns the natural tooth transparent and the caries dark, similar to radiographs, thus making it a view that is familiar to clinicians.

Not only are CariVu images easy to read and understand, they are captured and stored with the patient’s other images in the DEXIS software. Because all intraoral X-rays, camera and CariVu images for the select tooth appear side-by-side, the clinician can quickly compare them to make a diagnosis and decide on a course of treatment.

These images can also be shared with patients so they may better understand the need for preventive or restorative care.

The technology behind CariVu offers an advantage in diagnosis of caries over systems that rely on fluorescence reactions, which are typically denoted by colors or numeric values.

In laboratory testing, this new transillumination device showed the view of the lesions on the images correlated well with their actual physical conditions.

With CariVu, the dentist therefore gains a more accurate view of the actual carious lesion’s shape and size, not just an indication of the presence of decay. Be sure to get your hands on CariVu in the DEXIS booth, No. 1802.

Here at the CDA

To see the CariVu for yourself, stop by the DEXIS booth, No. 1802.
PreXion’s digital treatment planning results in predictable patient outcomes

Edentulous patients can benefit from the integration of CBCT data

By Siamak Abai, DDS, MMedSc

The diagnosis of edentulous patients with the integration of cone-beam computed tomography (CBCT) data and digital treatment planning results in predictable treatment outcomes. As the new standard of care turns toward technological advances with CBCT scans at the forefront, clinicians and patients benefit from ever increasing accuracy and minimally invasive procedures.

The PreXion CBCT scanner and treatment-planning software allow the clinician to properly diagnose and treatment plan edentulous patients based on the final restoration design. A preliminary diagnostic CBCT scan (Fig. 1) is beneficial to properly visualize in three dimensions the extent of bone loss and the prognosis of existing dentition. When a patient presents with hopeless and non-restorable teeth, the proper treatment of extractions and fabrication of an ideal complete denture based on functional, esthetic and phonetic guidelines is completed. Based on a dual-scan protocol (Figs. 2a, 2b), the final tooth position and prosthetic outcome is transferred onto a digital treatment-planning protocol. The treatment-planning software allows the clinician to propose the proper implant position based on anatomical limitations. This data can be utilized to fabricate a surgical guide for guided implant placement, resulting in minimally invasive surgery, increased accuracy and faster healing and restorative times. A postoperative CBCT scan confirms the accuracy and final implant position (Fig. 3).

About the author

Siamak Abai, DDS, MMedSc, is a graduate of Harvard University’s Advanced Graduate Prosthodontics program with a master’s degree in oral biology and prosthodontics. He received his DDS from Columbia University College of Dental Medicine, followed by two years of advanced education in general dentistry training at the Columbia University Medical Center. Abai practices implant, esthetic and reconstructive dentistry at the W-Clinic in Newport Beach, Calif. He serves as a lecturer and clinical attending at the UCLA School of Dentistry’s Advanced Graduate Prosthodontics program.
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PreXion3D Eclipse includes the Prexion3D Viewer software

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