

DENTAL TRIBUNE

The World's Dental Newspaper · U.S. Edition

FEBRUARY 2012 — VOL. 7, No. 2

www.dental-tribune.com

INTERNAL RADICULAR RESORPTION

Emergency radiosurgery, curettage, root canal and a filling save #27 tooth presenting with internal radicular resorption.

► page A4



ENDO TRIBUNE

ENDODONTISTS' INCOME INCREASES

Careerbuilder.com salary survey shows recent jump in pay for those who are devoted to saving teeth.

► page B1



HYGIENE TRIBUNE

SALT ENLISTED IN FIGHT AGAINST CARIES

Iodine deficiencies and caries are being fought globally with the same product: fluoridated salt.

► page C1



Warriors of oral health

Dentists have served the U.S. military for more than 100 years

By Daniel Zimmermann, Dental Tribune International

The spirit of Gen. George S. Patton Jr. greets patients at the door. Only a few yards away from the hospital room where one of America's most famous war heroes died in 1945, Lt. Col. Cathleen Labate has just begun her daily shift. The dental provider from New Hampshire is one of almost 100 U.S. Army dentists serving in the Europe Regional Dental Command (ERDC) at Nachrichten Kaserne hospital in Heidelberg, a small German town idyllically situated along the edge of the Odenwald forest. There she is jointly responsible for the oral health of several hundred soldiers and their families in the surrounding communities.

Labate was recently transferred from another Army Dental Clinic, in Vicenza, Italy. Prior to that, the descendant of German-Italian immigrants worked in private practice in the U.S. for almost 20 years. The oral health of soldiers she sees on a daily basis is often better than those

of the patients she treated during her career as a rural dentist. Consequently, the most common procedures here are regular dental exams and emergency work, such as the patient who just left her office, a retired army officer who had a periodontal abscess.

"Generally speaking, the oral health of people in the military is good," she said. "Although I have to admit that missions like those in Iraq and Afghanistan can seriously take their toll on soldiers' teeth."

Col. William R. Bachand could not agree more. The 58-year-old commander of the ERDC has been with the Army Dental Corps for more than 32 years. In stressful situations, such as armed conflicts, he said, oral hygiene quickly declines with every single soldier. Along with the high intake of acidic and sugar-rich fluids, especially in hot climates such as Afghanistan, this negligence

► See WARRIORS, page A2



The Chicago Dental Society Midwinter Meeting ranks as the sixth largest medical meeting in the United States, according to the Healthcare Convention and Exhibitors Association. This year it's held Feb. 23-25. Photo/Kasia Biel, www.dreamstime.com.

► See page A6

NEWS A1-A3

- Warriors of oral health
- 'Awesome Thing No. 129'
- Cosmetic dentistry survey results

CLINICAL A4

- Internal radicular resorption

MEETINGS A6-A10

- 30,000 expected in Chicago
- Live dentistry back at PDC
- AAIP: Implant training in Jamaica
- Hinman's 'Century of Excellence'
- AACD: 'Outside the Lines'
- JDIQ expects record attendance
- New York meeting grows globally

INDUSTRY CLINICAL A11

- 'Doctor Vanini's Color Theory'

INDUSTRY NEWS A12-A21

- 300 Products from Mydent DEFEND
- 'Give Kids A Smile' donation
- Total digital dentistry from 3Shape
- DIY handpiece repair
- Pediatric crowns convince skeptic
- Hand-held X-Ray device
- Photo essay: BruxZir Solid Zirconia
- Keystone Industries rich in history

AD

BULK FILL MADE EASY PACKABLE OR FLOWABLE IT'S YOUR CHOICE!

X-tra fil

Packable Posterior Bulk Fill Composite
Cure 4mm in 10 sec.

X-tra base

Flowable Posterior Bulk Base Composite
Cure 4mm in 10 sec.

VOCO
THE DENTALISTS

Call 1-888-658-2584 · www.vocoamerica.com

PRSRRT STD
U.S. Postage
PAID
San Antonio, TX
Permit #1396

Dental Tribune America
116 West 23rd Street
Suite #500
New York, N.Y. 10011

◀ WARRIORS, page A1

often leads to major dental problems, a phenomenon that Army dentists experienced in earlier conflicts such as Korea or Vietnam. At the beginning of the last two U.S. engagements in Iraq, for example, statistics showed a 30 percent increase in returning soldiers with signs of rampant caries or gingivitis.

Bachand commands more than 20 Army Dental Clinics spread over bases in Germany, Italy and Belgium. Worldwide, the U.S. military employs more than 1,000 dental officers in three major regions in the U.S. and in Europe and the Pacific. Before he took command of the EDRC from Col. Randall Ball last year, Bachand served as the commander of the Pacific Regional Dental Command in Hawaii, a post that was far different in many ways than his command in Europe.

"In the Pacific you have a smaller population but huge distances to cross between each base and clinic," he said. "In Europe, everything is conveniently reachable at a driving distance."

Bachand's scope of duty could soon become even smaller, as the U.S. Army significantly pulls back troops from Europe. According to the latest plans of the Department of Defense, more than 4,000 soldiers are to be relocated to the U.S. mainland over the next two years. For the EDRC, this would mean the closure of several clinics and the relocation of dental personnel. In Germany, the clinics in Heidelberg and nearby Mannheim will

be closed by 2013, a process that comes with numerous challenges, Bachand said.

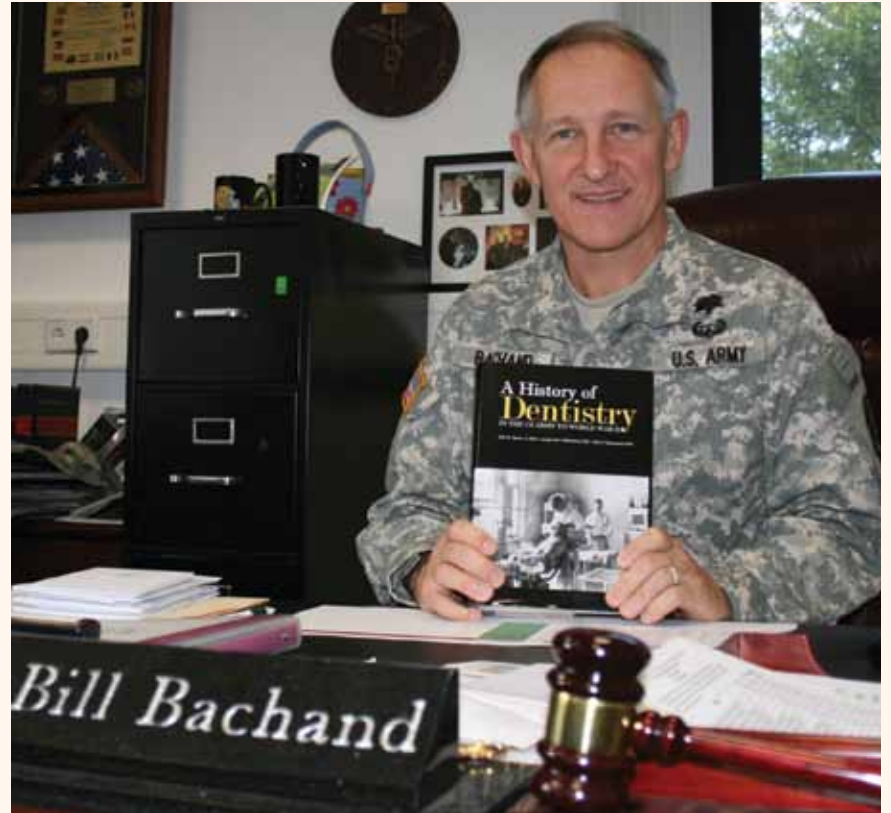
"This transformation will be complex because owing to the closure of Army bases, large numbers of soldiers are moving within Europe. In addition, we'll try to minimize job losses of our civilian contractors like German dental technicians we usually hire from the nearby areas," he said.

Serving for more than 100 years

Dentists have always been part of U.S. military forces. Before Congress signed the bill for the establishment of a commissioned Dental Corps in 1911, dentists and other health care professionals had been working for the Army on a contract basis since the Revolutionary Wars of the 18th century. Full financial and operating autonomy, however, was not achieved until 1977, when the dental command was separated from the medical service, a command structure that was blamed for creating low morale and low retention rates amongst dental officers.

Today, the dental service in Europe alone has an annual budget of \$18 million, of which the largest amount is spent on personnel and dental equipment. With supplies, the Army rides the patriotic train, with all chairs provided solely by U.S. manufacturers such as A-dec and Pelton & Crane. Contractor Henry Schein just closed an exclusive \$172 million contract with the service for 2012.

Most army dentists enter the service through the Health Professions Scholar-



Before taking over the Europe Regional Dental Command, Col. William R. Bachand commanded the Pacific Regional Dental Command out of Hawaii. The U.S. military has more than 1,000 dental officers. Photos/Annemarie Fischer, Dental Tribune

ship Program, a competitive one- to four-year paid educational program available for several medical-related posts throughout the military forces. Others are directly recruited by the Army, including many older dentists, who often are looking for a last opportunity to serve their country.

According to Bachand, the Corps is short a few hundred officers worldwide, despite the fact that Army dentists are much on par with their civilian counterparts and enjoy several advantages, such as paid education or a concise career development plan. Each year, for example, the Army provides its dentists with 30 hours of continued education and sends specialists back to the States for conferences, such as the recent annual congress of the American Dental Association in Las Vegas.

Most CE courses in Europe, however, are organized with local providers such as the Kopf clinic at Heidelberg University's Faculty of Medicine, which has col-

laborated with the EDRC for many years.

"Even more like our civilian colleagues, Army dentists have to stay in touch with the latest technology-driven changes like CAD/CAM or cone-beam computed tomography," Bachand said. "Compared to when I started in the service over 30 years ago, almost every aspect of our field has now become computerized, beginning from the workload reporting to the scheduling system, diagnosis or treatment."

Despite the more stable lifestyle, switching places with dentists in the civilian world doesn't seem to interest him. "What I like especially about military dentistry is the group practice approach and the possibilities to really focus on the clinical needs of every individual patient. Even though we have to be responsible financial stewards, we do not have to worry so much about the business aspects of treatment in regard to specific treatment for patients," he said. "I would never trade that experience."

AD



Lt. Col. Cathleen Labate works with a patient at a U.S. Army Dental Clinic in Germany, one of more than 20 such clinics across Europe.

DENTAL TRIBUNE

The World's Dental Newspaper - US Edition

PUBLISHER & CHAIRMAN

Torsten Oemus t.oemus@dental-tribune.com

CHIEF OPERATING OFFICER

Eric Seid e.seid@dental-tribune.com

GROUP EDITOR

Robin Goodman r.goodman@dental-tribune.com

EDITOR IN CHIEF DENTAL TRIBUNE

Dr. David L. Hoexter d.hoexter@dental-tribune.com

MANAGING EDITOR U.S. AND CANADA EDITIONS

Robert Selleck r.selleck@dental-tribune.com

MANAGING EDITOR

Fred Michmershuizen
f.michmershuizen@dental-tribune.com

MANAGING EDITOR

Sierra Rendon s.rendon@dental-tribune.com

MANAGING EDITOR SHOW DAILIES

Kristine Colker k.colker@dental-tribune.com

PRODUCT & ACCOUNT MANAGER

Mark Eisen m.eisen@dental-tribune.com

MARKETING MANAGER

Anna Kataoka-Wlodarczyk
a.wlodarczyk@dental-tribune.com

SALES & MARKETING ASSISTANT

Lorrie Young lyoung@dental-tribune.com

C.E. MANAGER

Christiane Ferret c.ferret@dtstudyclub.com

Dental Tribune America, LLC
116 West 23rd St., Ste. #500
New York, N.Y. 10011
(212) 244-7181

Published by Dental Tribune America
© 2012 Dental Tribune America, LLC
All rights reserved.

Dental Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please contact Managing Editor Robert Selleck at r.selleck@dental-tribune.com.

Dental Tribune cannot assume responsibility for the validity of product claims or for typographical errors. The publisher also does not assume responsibility for product names or statements made by advertisers. Opinions expressed by authors are their own and may not reflect those of Dental Tribune America.

EDITORIAL BOARD

Dr. Joel Berg
Dr. L. Stephen Buchanan
Dr. Arnaldo Castellucci
Dr. Gordon Christensen
Dr. Rella Christensen
Dr. William Dickerson
Hugh Doherty
Dr. James Doundoulakis
Dr. David Garber
Dr. Fay Goldstep
Dr. Howard Glazer
Dr. Harold Heymann
Dr. Karl Leinfelder
Dr. Roger Levin
Dr. Carl E. Misch
Dr. Dan Nathanson
Dr. Chester Redhead
Dr. Irwin Smigel
Dr. Jon Suzuki
Dr. Dennis Tartakow
Dr. Dan Ward

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in Dental Tribune? Let us know by e-mailing feedback@dental-tribune.com. We look forward to hearing from you! If you would like to make any change to your subscription (name, address or to opt out) please send us an e-mail at database@dental-tribune.com and be sure to include which publication you are referring to. Also, please note that subscription changes can take up to six weeks to process.

Awesome thing No. 129: 'Clean teeth at all costs'

Popular blog's countdown of life's simple pleasures keeps coming back to dental matters

By Robert Selleck, Managing Editor

A daily blog attracting 40,000 visitors a week, "1000 Awesome Things," has been steadily counting down since June 20, 2008, to the posting of its final awesome thing on April 20. Along the way, more than a few of the awesome things have had a dental connection.

The most recent was No. 129: "Clean teeth at all costs."

Since launching the blog, Canadian writer Neil Pasricha has unfailingly posted a new, often-under-appreciated simple joy in life every weekday. His insightful, funny and sometimes wandering descriptions, as much as the awesome things themselves, have attracted a global following.

No. 129 is no exception in its style. The posting opens with Pasricha's observations about his parent's bedtime preparation habits, then segues into his own late-night web-surfing habits and his "zombie walk" into the bathroom to brush his teeth. The narrative takes a sharp turn in the bathroom when Pasricha notices a spider and contemplates the possibility that it's been crawling around on his toothbrush.

Pasricha writes: "I stared quickly into the mirror with steely, bloodshot eyes and asked myself what sort of man I was. Was I a frantically freaking-out over spider germs sort of guy? No, I decided right then and there, that I was not. I was a clean teeth at all costs kind of guy. I was too far in to go back and I needed to hit the pillow with a fresh mouth. As the spider quickly scampered into the floor vent, my brain flashed back to late college days stumbling



Photo/Scott Rothstein, www.dreamstime.com

home from the bar at three in the morning. No matter what, no matter when, my roommate Dee would always break out his bulk-size dental floss and give his teeth a good plucking before bed. 'I can't go to sleep with furry teeth and stinkbreath,' I remember him saying back then. 'Clean teeth at all costs, no matter what.' ... There's just something about going to bed with clean teeth that feels right. It's the end of a long day and the start of a good night. It's part of the crisp crinkly sheets, fresh pillow dream scene. And it helps complete your Pajama Metamorphosis. Forget about the tired legs, drained kegs, and spider eggs. Just remember to obey clean teeth at all costs and sleep tight. AWESOME!"

Other dental-related awesome things on the list: 961: Yellow teeth; 952: When someone tells you that you have something in your teeth; 930: Finally getting a piece of popcorn that's been stuck in your teeth all day out; 900: Multitasking while brushing your teeth; 818: When the dentist says you have no cavities; 744: That smooth feeling on your teeth after you get your braces off; and 618: The feeling of brushing your teeth with a new toothbrush.

The blog, at 1000awesomethings.com, has spawned three bestselling books, "The Book of Awesome," "The Book of (Even More) Awesome" and "The Book of (Holiday) Awesome." Is "The Book of (Dental) Awesome" far behind?

AACD survey: Cosmetic dentistry revenues stable, growth expected in some categories

Revenues generated from cosmetic dental procedures will likely remain stable, if not increase, in the coming year, according to a recent industry survey by the American Academy of Cosmetic Dentistry.

The AACD's 2011 State of the Cosmetic Industry Dentistry Survey found that while the cosmetic dentistry industry has declined and flattened since a benchmark survey in 2007, respondents strongly believe that they will continue to see increasing revenues from cosmetic procedures into next year.

Respondents indicated that the demand for cosmetic dentistry procedures was primarily driven by referrals from others who had positive experiences. However, compared with the AACD's earlier survey, there was a 25-point increase in the ranking of "increase in Internet usage by patients" as a factor driving demand for cosmetic dentistry services.

Other findings from the survey:

- Compared with 2007, the number of male patients increased by seven points. Three-fifths of cosmetic dentistry patients were female (60 percent) and two-fifths were male (40 percent).
- Close to half of patients (49 percent) on average are between the ages of 31 and 50. The number of patients age 20 and under grew significantly, to 17 percent from only 5 percent in 2007.
- Among dental practices offering financing, 78 percent of respondents reported that third party financing options helped patients get to a "yes" decision.
- Patients cited "appearance" (97 percent) as their top concern when deciding on a cosmetic dentistry procedure. Other concerns following closely behind include cost and longevity of treatment results.
- While the smallest in terms of cosmetic procedures performed in the past year, orthodontics showed the largest positive

shift (a 10 percent increase compared with data collected in 2007).

- Veneers have dropped 8 percent since the 2007 study.
- The majority of respondents (56 percent) expect that revenues from bleaching/teeth whitening procedures (the most popular cosmetic dental treatment) will stay the same in the coming year.
- Laboratory loyalty increased, as the majority (57 percent) indicated use of two or three labs, while 37 percent used four or more. The average is 3.15 labs, an indication of increased lab loyalty compared with the 2007 average of 3.5 labs used.

A total of 1,068 responses to the e-mailed survey were tabulated, and 76 percents of respondents were American Academy of Cosmetic Dentistry members. A PDF showing complete survey results is available through the AACD website, www.aacd.com (search for 2011 survey, and find the link in the research area of the media room).

Radiosurgery used to access internal radicular resorbtion

By Arthur Goldstein, DDS

Case history

Mr. H presented in my office in an emergency situation with pain that had begun several days prior in tooth #27. The pain was no longer relieved by analgesics, and sensitivity had begun in the right sub mandibular area.

Clinical examination

The #27 tooth had a class IV occlusal distal amalgam restoration of long date. There did not seem to be secondary caries. There was no apparent decay in the tooth, which was very sensitive to light percussion. There was also sensitivity in centric occlusion, which dissuaded the patient from closing his teeth together.

Radiographic examination

Radiographic examination revealed a large area of internal resorbtion apical to the gingival crest (Fig. 1).

Treatment

Mr. H. was given three grams of amoxicillin and 400 grams of Spifen and instructed to take two grams of amoxicillin six hours after the procedure.

A right mental foramen block local anesthetic of articaine Hcl with adrenaline was given. A full-thickness periodontal flap incision to bone with a Colorado electrode and Ellman Dento-Surg™ Radiosurgical unit set to "cut" (fully rectified filtered current) was performed to gain access to the area of internal resorbtion (Figs. 2, 3).

The area of resorbtion was curetted, followed by a root canal treatment with a gutta percha cone and estesone sealer (Fig. 4). The lamina dura at the apex of the root was not defined (Fig. 4).

A base of ZnPo4 cement was placed over the cone in the area of the resorbtion, followed by a well-polished macro composite filling. The periodontal flap was closed with Ethicon #5 non-resorbable sutures (Fig. 5). The #27 tooth is seen one-week post op in Fig. 6 and one-month post op in Fig. 7. Mr. H did not wish further treatment of the #27 tooth.



Fig. 1
Radiograph shows large area of internal resorbtion apical to the gingival crest.

Photos by Dr. Arthur Goldstein



Figs. 2, 3
Radiosurgery provides access to area of internal resorbtion.



Fig. 4
Resorbtion is curetted, followed by root canal treatment with a gutta-percha cone and estesone sealer. Lamina dura at apex of the root is not defined.



ARTHUR GOLDSTEIN, DDS, has been in private practice in the Principality of Monaco since 1963 in general dentistry, periodontics, prosthodontics, oral surgery and dental implants. Prior to that he was an instructor in operative dentistry at the Royal Dental College of Denmark, Aarhus, Denmark. He earned his DDS at Northwestern University School

of Dentistry, Chicago. He is the founder and president of the International Academy of Radiosurgery and is a fellow of the International College Of Dentists and a fellow of the American Academy of General Dentistry. Office: +377 93302850. Mobile: +377 (0)607933868. Web: www.dragoldstein.com, dragoldstein@monaco.mc.



Fig. 5
Periodontal flap is closed with Ethicon #5 non-resorbable sutures.



Fig. 6
One week post-op.



Fig. 7
One month post-op.

AD

Are you still hiding from your x-ray?

Why?





Handheld X-ray System

With its cordless handheld design, the NOMAD Pro offers the highest level of safety, quality, and patient care for your dental practice. Providing hundreds of images from one battery charge, it goes easily from operator to operator, in or out of the office. And you can stay with the patient through the entire procedure. So why hide?

Call your equipment dealer for more information or to arrange for a demo.



For more information:
1-866-340-5522
www.aribex.com

Chicago Mid-Winter Meeting
Booth #2036



Join the Growing Number of Dental Practices



Embracing the Best Injection Technology



Now, you can have peace of mind knowing that the WAND® “All Injection Technology” will:

- ▶ Reduce patient chair time
- ▶ Increase patient referrals
- ▶ Increase production

THE WAND® “ALL INJECTION SYSTEM”

MILESTONE

SCIENTIFIC



WATCH US!!! IT ONLY TAKES 2 MINUTES!!!

STOP AT OUR BOOTH FOR A DEMO AND RECEIVE A FUN GIFT

30,000 attendees expected for midwinter conference

200+ scientific programs offered at one of nation's largest dental meetings

About 30,000 dentists and dental professionals are expected at the 2012 Chicago Dental Society's Midwinter Meeting, Feb. 23-25, at McCormick Place in Chicago.

Preregistration for the conference is open online through Feb. 17. Visit www.cds.org for details and to register.

The Midwinter Meeting ranks as the sixth largest medical meeting in the United States according to the Healthcare Convention and Exhibitors Association.

Attendees will get a first look at the latest innovations in dentistry, with an exhibit floor featuring more than 600 exhibitors from around the world. The meeting also features more than 200 scientific programs, including approximately 30 hands-on sessions.

New: Live treatment in exhibit hall

New this year will be live treatment cases, broadcast on the exhibit floor each day of the meeting. Visitors to the meeting will be able to watch clinicians treat patients in a theater constructed on



In addition to gaining access to hands-on courses and CE credit opportunities, attendees at the 2012 Chicago Dental Society's Midwinter Meeting get to explore one of the country's biggest and most fascinating cities. Photo/Melissa Lim, www.dreamstime.com

the exhibit floor. Those who can't make it to the meeting will be able to watch a live stream on the CDS Facebook page at www.facebook.com/chicagodentalsociety.

Exhibit hall hours are 9 a.m.-5:30 p.m., Thursday through Saturday, Feb. 23-25. New this year, attendees will be able to earn one continuing education credit per day by visiting the exhibit hall. By creating a My Expo Account on the CDS website, you can print out your own customized floor plan of the exhibit hall, highlighting booths you want to visit.

Courses at the meeting run Thursday through Friday, starting at 8, 8:30 and 9

a.m. and 1:30 and 2 p.m. More than half of the courses are free. The Chicago Dental Society is an ADA-CERP-recognized provider. Continuing education credit can be earned for courses completed at the meeting.

The crown jewel of the CDS, the annual Midwinter Meeting started on Feb. 1, 1865, when CDS members gathered at S.S. White Dental Depot for the first-ever Midwinter Meeting. Their stated purpose was to disseminate "dental information" and advance the profession of dentistry. Over the years, the meeting has grown into one of the largest dental exhibitions

in the United States with a world-class scientific program.

About Chicago Dental Society

Established in 1864, Chicago Dental Society counts more than 4,000 members in the Chicago area. It is an advocate for better oral health for all and is the organizer of the annual Midwinter Meeting, one of the top medical trade shows in the country. It is the largest local affiliate of Illinois State Dental Society and the American Dental Association.

(Source: Chicago Dental Society)

Live dentistry stage returns to Pacific Dental Conference

Register for March event at www.pdconf.com

The 2012 conference, March 8-10 in Vancouver, British Columbia, features timely C.E. programming, open sessions, hands-on courses and other educational opportunities for the entire dental team. Attendees can earn up to 15 C.E. credits.

Top speakers include: Marcus Abboud, Scott Benjamin, Jeff Brucia, Teresa Gonzales, Derek Hein, Jim Grisdale, David Clark, Jeff Coil, Shirley Gutkowski, David Hornbrook, Sam Kratchman, John Olmstead, Kate O'Hanlan, Ray Padilla, Mark Piper, Rob Roda, Stewart Rosenberg, Geza Terezhalmay, Neil Warshawsky and Daniel Haas.

You can browse through the speaker biographies and presentation descriptions at www.pdconf.com.

Live Dentistry Stage returns

The Live Dentistry Stage is back on the exhibit hall floor, with demonstrations



The Pacific Dental Conference combines all the excitement of Vancouver, named the world's 'Most Livable City' in 2011 by the Economist Intelligence Unit, with compelling educational opportunities for the entire dental team. Photo/Michael Iwasaki, www.dreamstime.com

on Thursday and Friday. The conference's ever-expanding exhibit hall will keep you as busy as ever this year, with more than 250 companies in 540 booths.

The hours for the exhibit hall are:

Thursday, March 8, 8:30 a.m. to 6 p.m. and Friday, March 9, 8:30 a.m. to 5:30 p.m.

Dentists and staff attending the PDC can take advantage of special hotel rates.

Book early to avoid disappointment.

Reservations can be made directly with conference hotels by following the links at www.pdconf.com.

(Source: Pacific Dental Conference)

Jamaica calling: Five days of intensive implant training

The American Academy of Implant Prosthodontics (AAIP) and its affiliates, Atlantic Dental Implant Seminars (ADIS) and the Linkow Implant Institute, are presenting five-day comprehensive implant training courses in Kingston, Jamaica, July 3-7 and Oct. 5-9.

Included are lectures, hands-on participation, surgical and prosthodontic demonstrations, diagnosis and treatment planning, construction of surgical templates, diagnostic wax-ups, insertion of two to six implants and sinus lifts under faculty supervision.

At completion, clinician will be able to: identify cases suitable for implants; diagnose and plan treatment for preservation and restoration of edentulous and partially edentulous arches; demonstrate competency in placement of single-tooth implants, soft-tissue management, and bone augmentation; obtain ideal implant occlusion; work as part of an implant team with other professionals; and incorporate implant treatment into private practice with quality results, cost effectiveness and profitability.

A dental degree is required. Patients are provided, and malpractice insurance is not be necessary. The course is tax deductible and 35 hours of continuing education credits will be awarded on completion. Patient treatment is provided in a Jamaican dental school with personalized training in small groups. The course is a cooperative effort of the Jamaican Ministry of Health and American Academy of Implant Prosthodontics.

Dr. Mike Shulman is course coordinator; Dr. Leonard I. Linkow is course director; and Dr. Sheldon Winkler is course advisor. Other faculty include Drs. Robert Braun, Ira L. Eisenstein, E. Richard Hughes, Charles S. Mandell, Harold F. Morris, Peter A. Neff, Robert Russo and Robert E. Weiner. Lab support is by DCA Laboratory, Citrus Heights, Calif., Dani Dental Studio, Tempe, Ariz., and Dutton Dental Concepts, Bolivar, Ohio.

Founded by Dr. Maurice J. Fagan, Jr., in 1982 at the School of Dentistry, Medical College of Georgia, the Academy of Implant Prosthodontics supports and fosters the practice of implant prosthodontics as an integral component of dentistry.

The academy supports component and affiliate associations in countries throughout the world, including Egypt, France, Italy, Israel, Jamaica, Jordan, Kazakhstan, Paraguay, Peru and Thailand. It has published two textbooks, "The Dental Implant," 1985, and "Implant Prosthodontics," 1990. The academy publishes a newsletter and The Journal of Oral Implantology.

The academy holds an annual convention and international meetings in cooperation with its affiliate and component societies. It offers continuing education courses and sponsors a network of study clubs in the United States. The AAIP is designated as an approved program for C.E. (PACE) provider by the Academy of General Dentistry (AGD). These C.E. programs are accepted by AGD for fellowship, mastership and membership maintenance credit.

Details on the AAIP/ADIS Jamaica implant programs, including tuition, faculty lectures, transportation and hotels, are at www.adiseminars.com; or call (551) 655-1909. AAIP membership information can be obtained from AAIP headquarters at 8672 East Eagle Claw Drive, Scottsdale, Ariz., 85266-1058; (480) 588-8062. Email address is swinkdent@cox.net.

The AAIP website is www.aaipusa.com.

(Source: American Academy of Implant Prosthodontics)



Dr. Mike Shulman instructs Kazakhstan dentists during AAIP/ADIS-sponsored training program in Montego Bay, Jamaica. Upcoming implant courses are scheduled for July 3-7 and Oct. 5-9. Photo/AAIP

AD

Great new features

Dental System™ 2012/2013



www.3shapedental.com

Model Builder
Create lab models directly from TRIOS® and 3rd party intraoral scans. Support for implant models.

Digital Temporaries
Create cost-effective temporaries without pouring a model using Virtual Preparation and Virtual Gingiva.

Photo Realistic Rendering of Teeth
High-quality visualization of both existing teeth, designed teeth and surrounding gingiva in photo realistic quality.

D800 3D Scanner
Two 5.0 MP cameras. Scans a single die in 25 seconds, captures texture and scans impressions.



3Shape events all over Chicago

Feb 23-25, 2012

Thursday, February 23	Saturday, February 25	
<p>CalLab Exhibition Westin Michigan Avenue Hotel 4:00 - 6:30 PM</p> <p>Midwinter Exhibition McCormick Place West Building Booth 1644, 9:00 AM - 5:30 PM</p>	<p>Midwinter Exhibition McCormick Place West Building Booth 1644, 9:00 AM - 5:30 PM</p> <p>LMT LabDay Exhibition Chicago Hotel & Towers Booth 714, 8:00 AM - 5:00 PM</p>	<p>9:00 AM, What 3Shape brings to the lab Tais Clausen, CTO & Co founder</p> <p>11:00 AM, Latest trends & technology from 3Shape - including our Intra-oral Scanning and Dental CAD solution Tais Clausen, CTO & Co founder</p>
<p style="text-align: center;">Friday, February 24</p> <p>Midwinter Exhibition McCormick Place West Building Booth 1644, 9:00 AM - 5:30 PM</p> <p>LMT LabDay Exhibition Chicago Hotel & Towers Booth 714, 2:00 - 6:00 PM</p>	<p>Training sessions Dental System 2012 Hospitality Suite 836, Sheraton Every hour from 9:00 AM - 4:00 PM</p> <p>Lectures Ballroom level, Sheraton 3</p>	<p>1:00 PM, The Future of Digital Dentistry for labs and dentists Rune Fisker, VP Product mgmt & Strategy</p> <p>3:00 PM, Intraoral scanning - Complete solution for dentists Rune Fisker, VP Product mgmt & Strategy</p>

Note: TRIOS® is currently not for sale in North America

3Shape, Inc. North America
Phone: +1 (908) 867-0144



Atlanta meeting marks 'Century of Excellence'

Thomas P. Hinman Dental Meeting is March 22–24.

The Thomas P. Hinman Dental Meeting is celebrating "A Century of Excellence" with its centennial meeting, March 22–24. The 100th Hinman features: more than 65 world-class dental experts; nearly 200 courses, including 50 hands-on workshops; all-day educational tracks for dentists, dental hygienists, assistants and office staff; and nearly 400 companies demonstrating the latest in dentistry. At least 23,000 dental professionals are expected at the Georgia World Congress Center in Atlanta.

"We couldn't be more excited to be celebrating the 100th Hinman, and in honor of this special occasion, we have lined up an impressive roster of speakers, innovative exhibits and the parties of the century," said Dr. Allen French, general chairman of the 2012 Hinman Dental

Meeting. "What started as a study club in 1912 has grown to become the preeminent dental meeting in the country with a 100-year legacy of excellence."

The man behind the meeting was Dr. Thomas P. Hinman, an Atlanta dentist who many consider to be the forefather of modern dental continuing education. By the age of 40, he was an internationally renowned lecturer, educator and leader in the dental profession — a trailblazer and visionary who saw the value in continuing education. Even though Dr. Hinman passed away more than 80 years ago, his vision and many of the traditions he established are still observed at the annual meeting today.

Hinman's 2012 Continuing Education program includes a new three-day educational track, "Emerging Dentist's Sur-



At least 23,000 dental professionals are expected at the 100th Hinman Dental Meeting, at the Georgia World Congress Center in Atlanta, pictured. Photo/Georgia World Congress Center.

vival Guide," designed for new dentists and dental students. In addition, the "Business Fast Track" returns this year, offering a total of eight courses for dentists. Also, returning this year are the all-day educational tracks, "Prevention Convention," "Assisting Extravaganza," and "Business Office Bonanza," which are designed specifically for dental hygienists, dental assistants and office staff.

In addition to a complete continuing education program and an expansive 90,000-square-foot exhibit hall, the 100th Hinman will entertain attendees

as well. Thursday's keynote session features Former First Lady Laura Bush. Two "Parties of the Century" — the Dentist Reception and Auxiliary Reception — are Friday night in the Omni Hotel. And there will be a special centennial prize program that includes diamond and \$100-bill giveaways, Delta Air Lines tickets, two resort vacations and more.

For more information about the 2012 meeting and to register online, visit www.hinman.org.

(Source: Hinman Dental Meeting)

'Learn Outside the Lines'

Interdisciplinary approach to education features lectures and hands-on workshops at AACD Scientific Session

Registration is now open for the American Academy of Cosmetic Dentistry (AACD) 28th Annual Scientific Session in Washington, D.C., May 2–5.

Building on the success of last year's session, the event will feature many heavy-hitting educators, social events and networking opportunities. Appropriately themed, "Learn Outside the Lines," the conference will challenge attendees with an interdisciplinary approach to education, including a mix of lectures and hands-on workshops. Dental teams will return from D.C. with a renewed perspective on the field of cosmetic dentistry after having spent several days honing their skills and learning about new techniques and materials.

The session will be hosted at the Gaylord National Resort & Conference Center in National Harbor, Md., giving attendees the opportunity to engage in a world-class cosmetic dental education and also experience the dynamic city of Washington, D.C.

Educators scheduled to appear at the AACD Scientific Session include:

- David Garber, DMD
- Christian Coachman, DDS, CDT
- Eric VanDooren, DDS
- Pete Dawson, DDS
- John Cranham, DDS
- Scott Finlay, DDS



The Gaylord National Resort & Conference Center in National Harbor, Md., with its 18-story-tall climate-controlled atrium of glass and steel, is host site of the American Academy of Cosmetic Dentistry 28th Annual Scientific Session. Photo/Gaylord Hotels

- Carl Misch, DDS, MSD
- Gordon Christensen, DDS, MSD, PhD
- Paul Child, DMD, CDT
- Ron Goldstein, DDS

"The 28th Annual AACD Scientific Session will challenge attendees to think beyond the norm and realize the limitless opportunities cosmetic dentistry has for their practice and their patients," said AACD President John Sullivan, DDS. "Along with great education, attendees can expect opportunities to network, make new friends, and reconnect with the old ones while spending time in the nation's capital."

AACD members, students, dentists, laboratory technicians, team members and dental auxiliaries are all welcomed by the AACD to attend.

Visit www.aacdconference.com for more information about the 28th Annual AACD Scientific session.

About the AACD

The AACD is the world's largest non-profit member organization dedicated to advancing excellence in comprehensive oral care that combines art and science to optimally improve dental health, esthetics and function.

Composed of more than 6,500 cosmetic dental professionals in 70 countries worldwide, the AACD fulfills its mission by offering superior educational opportunities, promoting and supporting a respected accreditation credential, serving as a user-friendly and an inviting forum for the creative exchange of knowledge and ideas, and providing accurate and useful information to the public and the cosmetic dentistry profession.

(Source: American Academy of Cosmetic Dentistry)

Québec event features C.E. symposia on exhibit floor

2012 Journées dentaires internationales du Québec (JDIQ), May 25–29

Registration is now open for the 2012 Journées dentaires internationales du Québec. This 42nd edition of Canada's largest annual dental meeting promises to once again break all attendance records, with more than 12,000 delegates expected from around the world.

325 Exhibitor booths, tons of C.E.

Located in the heart of beautiful downtown Montreal, this annual gathering of the entire dental profession features five days of ADA CERP-accredited continuing education courses in lecture and workshop formats as well as two full days of C.E. courses in the exhibit hall.

In addition to having more than 325 exhibitor booths, the exhibition floor will host the Dental Tribune Study Club Symposia, where 10 lectures will be presented over the two-day period, providing participants the opportunity to obtain C.E. credits on the exhibition floor at no extra charge. Additionally, the exhibit hall will feature an opening ceremony, draws for iPads, a dentists' art exhibition and much more.

Scientific program lectures in both English and French

The scientific program offers attendees a choice of more than 100 lectures in both English and French. The event presenter, the Ordre des dentistes du Québec (ODQ), is proud to announce a fee reduction of more than 30 percent compared with last year for preconvention courses. The ODQ is honoured to feature Drs. Gordon Christensen, John West, Robert Margeas, Gerard Kugel, Jose Luis Ruiz, Harald Heymann and Tim Donley among the invited speakers, just to name a few.

The limited-attendance workshops are quickly reaching their maximum number of registrants, so be sure to register early to avoid disappointment. To obtain more information, visit www.odq.qc.ca, and click on the convention folder.

The ODQ looks forward to seeing you in Montreal in the spring!

ODQ's mission

The mission of the Ordre des dentistes du Québec is to serve and support the highest quality of oral care being provided to residents of Québec. Since 1974, it has worked with professionals to ensure the quality of dental services, the high standards of practice and ethics — and to promote oral health among the population of Québec.

(Source: Ordre des dentistes du Québec)



The JDIQ scientific program offers attendees a choice of more than 100 lectures in both English and French. Photo/Ordre des dentistes du Québec

DENTISTRY BY DR. CHONG LEE, MOLEAN, VA.

LVI can show you how to stay ahead of the curve

empower YOUR PRACTICE

invest *your time* IN YOUR FUTURE WITH CONTINUED EDUCATION

Discover a path that leads your practice to greater competitive power in the current marketplace. LVI will teach you techniques and procedures that will dramatically enhance the lives of you and your patients.

receive *education* CE CREDITS & COURSE INFORMATION

- Understand the impact of neuromuscular dentistry in the aesthetic practice.
- Discuss the parameters for use of transcutaneous electrical neural stimulation (TENS).
- Learn the basics behind taking a TENS Bite.
- Understand occlusion from a neuromuscular perspective.
- Identify appropriate procedures for smile design and when to use them.
- Define the options for porcelain restorations and the preparation and temporization necessary to accomplish the restoration.
- Implement the latest cementation and anesthetic techniques for better efficiency when delivering a large, aesthetic case.
- Understand the best procedures for diagnosis and treatment planning and better communication with the patient.
- Two day session provides 13 CE hours. One day sessions provide 7.5 CE hours with fewer learning objectives.

save *your money* REGISTER EARLY AND SAVE ON TUITION FEES

With Regional Events throughout the nation and \$50-\$100 savings when you register early for one or two day sessions, LVI makes it easy and affordable for you to continue your dental education.

register VISIT WWW.LVIREGIONALEVENTS.COM OR CALL 888.584.3237 FOR MORE INFO

1 DAY SESSION: Houston, TX Feb. 24 & 25 // Miami, FL Mar. 2 & 3
2 DAY SESSIONS: New Orleans, LA Mar. 9-10 // Dallas, TX Apr. 27-28

AD



LVI Regional Event
SPONSORED BY MICRODENTAL LABORATORIES

ADA CERP® | Continuing Education Recognition Program

LVI Global is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to ADA CERP at www.ada.org/cerp.



Academy of General Dentistry
Approved PACE Program Provider
FACD/FAAGD Credit
11/1/2010 to 12/31/2013