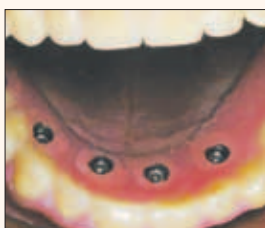




10 FACTS ABOUT DENTAL IMPLANTS

Editor in Chief Dr. Sebastian Saba comments on the word 'simple' in marketing: 'Prosthetic dentistry is not simple. And patients rarely have simple problems.'

► page A2



GAME CHANGER IN HYGIENE INSTRUMENTS

Company reports that its manufacturing process gives surfaces of scalers and curettes a metallurgic composition that ends the need for sharpening.

► page A10



IMPLANT TRIBUNE

GINGIVAL GRAFTING

Dr. Preeti Desai documents a novel approach: A single-stage augmentation graft for root coverage.

► page B1



Irish fun is on tap at the 2016 Pacific Dental Conference

Vancouver-based event is packed full with C.E., a sold-out exhibit hall and lively social events

More than 150 open sessions and hands-on courses, six sessions of live dentistry, lively social events and an exhibit floor with more than 300 companies in 600 booths will be available to attendees of the Pacific Dental Conference. The event runs from Thursday, March 17, through Saturday, March 19.

The annual gathering in Vancouver, British Columbia, in recent years has been attracting more than 12,500 dental professionals, making it one of the largest dental conferences in North America.

Held in the Vancouver Convention Centre, on the Vancouver Harbour waterfront, the meeting can claim one of the most magnificent settings for a dental conference, with backdrops that include the busy harbor, an expansive Vancouver skyline and the snow-covered peaks towering above North Vancouver.

Live dentistry on the exhibit floor

The exhibit floor will be open from 8:30 a.m. to 5:30 p.m. on Thursday and Friday, March 17 and 18, with live dentistry sessions running throughout both days, sponsored by Sinclair Dental and Adec.

On Thursday:

- At 9 a.m., Bernard Jin, DMD, presents "Immediate anterior implant solutions with ridge augmentations using innovative PRF applications" with commentary by Dr. Mark Kwon, cosponsored by Hiossen Implant Canada.

- At 11:30 a.m., Ho-Young Chung, DDS, presents "Immediate implant denture solution with extractions, PRF, immediate implant placement and immediate loading" with commentary by Dr. Mark Kwon, cosponsored by Hiossen Implant Canada.

- At 2 p.m., Alan Lowe, DMD, Dip Ortho, PhD, FRCD(C), presents "Clinical techniques for sleep apnea therapy with oral appliances" cosponsored by Aurum Group.

On Friday:

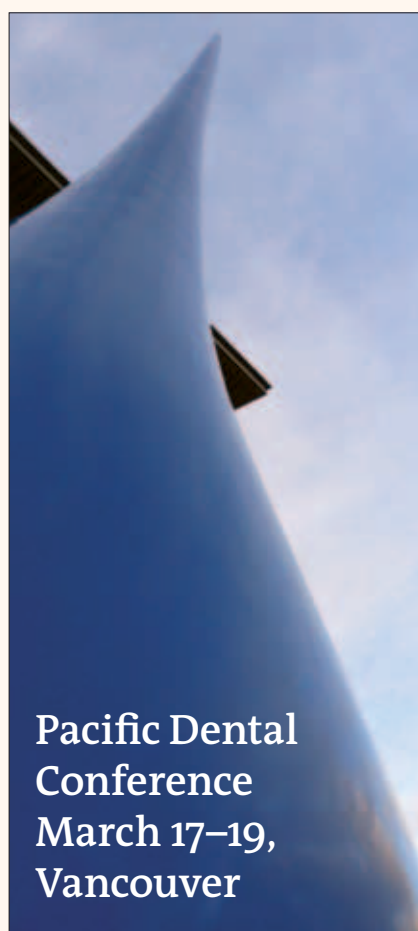
- At 8:30 a.m., Peter Walford, DDS, FCARDP, presents "Can't place implants? Take a look at the inlay/flange bridge and what it can do."

- At 11 a.m., Sonia Lezly, DDS, Dipi Perio, FCDS(BC), FRCD(C), presents "Immediate implant placement and transitional restoration — 5 key steps for success," cosponsored by BioHorizons Canada.

- At 1:30 p.m., David Chong, DDS, and Brandon Kang, DDS, DMD, MD, present "Lateral and crestal

► See PDC, page A2

Publications Mail Agreement No. 42225022



Pacific Dental Conference March 17–19, Vancouver

'The Drop' is one of many works of art in and around the Vancouver Convention Centre, the scenic host site of the annual Pacific Dental Conference in British Columbia. Opening day this year is St. Patrick's Day.

Photo/Robert Selleck, Dental Tribune

FROM THE EDITOR IN CHIEF A2

• 10 facts about dental implants

EVENTS A4–A6

- Cosmetic meeting reimagined for Toronto
- Journées Dentaires Internationales du Québec (JDIQ) features deep lineup of courses
- Pediatric dentists heading to the River Walk

INDUSTRY A8–A17

- SciCan SALUS: Rack-and-sleeve system eliminates sterilization paper and pouches
- Keystone adds first Canadian-dedicated regional manager
- Game changer: American Eagle Instruments XP Technology
- Designs For Vision: Headlight transfers across loupes, frames
- Obturation system compacts and seals all canals — including lateral
- From VOCO: Infection and climate-control packaging
- Isolite Systems delivers dental-isolation technology
- LVI Core I three-day course enables dentist and team to learn together
- Elbow your way to better health
- Single-bottle adhesive self-cures with no light activation

AD

THE FIRST **ALL CERAMIC**-BASED DIRECT RESTORATIVE

The world's first all ceramic based direct universal restorative material

PURE SILICATE
ALL CERAMIC-BASED
PARADIGM SHIFT EVOLUTIONARY
NEW LEVEL OF BIOCOMPATIBILITY
12% SHRINKAGE
NANO SOLUTION
NEXT GENERATION INNOVATION
PRECISION EXCELLENCE
VOCO
NANO ORMOCER TECHNOLOGY

VISIT THE ADMIRA FUSION WEBPAGE AT
www.vocoamerica.com
TO REQUEST YOUR
FREE SAMPLE!

THE **IDEA** IS NOW A **REALITY**

VOCO
THE DENTALISTS

Call 1-888-658-2584 • www.voco.com

10 facts about dental implants

By Sebastian Saba DDS, Cert. Pros.,
FADI, FICD, Editor in Chief

Dental implant marketing often emphasizes “simplicity,” underplaying an inherent complexity in the product, procedure — and patient. Prosthetic dentistry is not simple. And patients rarely have simple problems. Potential complications can be far from simple to correct. To ease your learning curve with implant dentistry, following are some core variables that can be managed based on proven research.

1 *Implant surface design:* Choose implants that have micro-topography and bioactive surfaces that enhance bone contact and have macro-topography (overall shape) that better stabilizes bone profiles with little or no crestal bone loss.

2 *Abutment connections:* Internal connections have simplified abutment insertion. And if the abutment-implant margin is kept shy of the implant outer surface, a connective tissue zone will develop. The result is improved bone preservation at the crest. Abutments should be torqued to position and have specifically designed abutment screws that support long-term stability.

3 *Provisionalization phase:* Once thought optional, today this step is a critical diagnostic and management tool used to verify osseointegration, occlusion, esthetics, soft-tissue management, hygiene, prosthetic design and abutment selection.

4 *Prosthetic options — screw vs. cement:* Some companies emphasize a “simpler” and familiar cement-only option. But irretrievability — presence of subgingival cement — can be problematic. Plan your design to minimize complications.

5 *Earlier osseointegration and restorative phases:* Improved implant surfaces and shapes support primary stability in bone and enhanced osseointegration. Early loading is becoming more feasible — choose cases carefully.

6 *Soft- and hard-tissue management:* Timely placement of provisionals can influence the support and contour of tissue. Advancements in bone grafting and tissue preservation help preserve soft tissue, maintain anatomical bone contour and improve gingival esthetics.

7 *Enhanced marketing:* Implant dentistry is aggressively promoted. However, costs remain high for average-income patients. It's critical that benefits a patient realizes far outlast any corresponding debt.

8 *Technological improvements:* Zirconia ceramics and CAD/CAM have created an explosion in design, customization and improved esthetics. Zirconium is doing for esthetics what titanium did for osseointegration.



Photo/Dr. Sebastian Saba

9 *Computer-guided implant therapy:* You can't deny the value of 3-D software that helps measure and locate vital structures such as the mandibular nerve, sinus cavities and nasal floor. But most practices still rely primarily on conventional radiography.

10 *Long-term studies:* Implant companies provide education, solid research and ongoing support to customers (you). Incorporating up-to-date knowledge into the clinical variables you're managing on a daily basis will enable you to achieve a predictable approach in your decision-making with dental implants.



SEBASTIAN SABA, DDS, CERT. PROS., FADI, FICD, is a graduate of the Goldman School of Dental Medicine, Boston University. He has published extensively on the topics of prosthetic and implant dentistry and has a private practice in Montreal limited to prosthetic and implant dentistry.



Always a top draw at the Pacific Dental Conference, this year's live-dentistry stage in the exhibit hall features three live-patient demonstrations on each of the two days that the exhibit hall is open. Pictured is a 2014 session. Photo/Provided by Pacific Dental Conference

◀ PDC, page A1

sinus surgery,” cosponsored by Hiossen Implant Canada.

The live dentistry stage, located in the exhibit hall, is open to all attendees. The start times are subject to change, so it's worth confirming through the PDC app or the latest Conference at a Glance to access the most current schedule. To get the PDC 2016 Mobile App, point your mobile device's browser to <http://m.pdconf.com>.

If you have last year's app, it's worth removing it from your device because the PDC 2016 app is new — designed specifically for this year's conference.

With the first day of the conference falling on St. Patrick's Day, meeting organizers have planned a “Celtic Celebration” with a mixture of Canadian and Irish fun. The evening starts with a wine and beer tasting event. Beers will be provided by Parallel 49 Brewing, one of Canada's fastest-growing breweries, based in East

Vancouver. The wines are being assembled by “Wine Whisperer” David Lancelot, sourcing the selection from some of Canada's most talented winemakers. During the samplings, which also will feature buffet stations, live Celtic music will be provided by Tiller's Folly, who, as the evening progresses, will segue to tunes geared toward filling the dance floor. Tickets for the evening are \$50.

(Source: Pacific Dental Conference)

DENTAL TRIBUNE

The World's Dental Newspaper - Canada Edition

PUBLISHER & CHAIRMAN

Torsten Oemus t.oemus@dental-tribune.com

PRESIDENT/CHIEF OPERATING OFFICER

Eric Seid e.seid@dental-tribune.com

GROUP EDITOR

Kristine Colker k.colker@dental-tribune.com

EDITOR IN CHIEF

Dr. Sebastian Saba feedback@dental-tribune.com

MANAGING EDITOR

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

PRODUCT/ACCOUNT MANAGER

Will Kenyon w.kenyon@dental-tribune.com

PRODUCT/ACCOUNT MANAGER

Humberto Estrada h.estrada@dental-tribune.com

PRODUCT/ACCOUNT MANAGER

Maria Kaiser m.kaiser@dental-tribune.com

BUSINESS DEVELOPMENT MANAGER

Travis Gittens t.gittens@dental-tribune.com

EDUCATION DIRECTOR

Christiane Ferret c.ferret@dtstudyclub.com

ACCOUNTING COORDINATOR

Nirmala Singh n.singh@dental-tribune.com

Tribune America, LLC

Phone (212) 244-7181

Fax (212) 244-7185

Published by Tribune America

© 2016 Tribune America LLC

All rights reserved.

Tribune America 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.

Tribune America 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 Tribune America.

EDITORIAL BOARD

Dr. Joel Berg
Dr. L. Stephen Buchanan
Dr. Arnaldo Castellucci
Dr. Gorden 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 emailing 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 email 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.

XP[®] Technology

The *Sharpen-Free* Instruments[™]

*Pennwell RDH Magazine's Readers Choice
"Practice Game Changer" Award Winner*



*"Change my game?
XP Technology
literally kept me **IN**
the game!"*
-Stacie Carlson, RDH

*Isn't it time you
changed your game?*



Cosmetic meeting reimaged for Toronto

American Academy of Cosmetic Dentistry's annual scientific session will be from April 28–30

Dental professionals from across the globe will be able to see the latest in dental products and services at the American Academy of Cosmetic Dentistry's annual scientific session, AACD 2016, which will be held in Toronto from April 28–30.

AACD 2016 is considered by many to be cosmetic dentistry's premier education event, with its hands-on workshops, lectures and social events catering specifically to professionals involved with cosmetic dentistry.

The AACD exhibit hall will be open all three days, featuring breakfasts, lunches and several cocktail receptions.

More than 1,500 dental professionals

are expected to attend the event, which will take place at the Metro Toronto Convention Center in downtown Toronto. While the exhibit hall is open to attendees of AACD 2016, those who aren't attending the meeting can still purchase products and services with daily passes.

Jeff Roach, director of strategic partnerships at AACD, said, "Our attendees look forward to the amazing products and services our exhibitors offer, and with several cocktail receptions and other activities planned, we anticipate plenty of foot traffic."

A new meeting structure is in place to deliver this year's educational offerings.

The conference will feature separate themes on each of the three days: design, implementation and realization.

Organizers describe the themes as being a scaffolding on which the entire conference will be structured. The three themes are designed as a sequential and cumulative process, with each day building on knowledge gained the previous day.

Billed as AACD Triple Plays, some of the themes will track as rapid-fire morning and afternoon sessions delivered by top-name speakers. Thursday's rapid-fire sessions will focus on treatment planning. Friday's "implementation" theme includes rapid-fire sessions on orthodontic

and surgical options. The "revitalization" theme on Saturday features rapid-fire sessions on restorative implementation.

In addition to the rapid-fire offerings, all of the courses at AACD 2016 are designed with the intent to elevate clinical skills of the entire dental team. The AACD event also will include a lineup of accreditation courses for attendees who seek to differentiate themselves at a level of excellence achieved by only the most dedicated and passionate dental professionals.

For more information and to register, you can visit www.aacdconference.com.

(Source: AACD)

AD

Pacific Dental Conference

save these dates! **March 17-19, 2016** Join us in Vancouver, BC somewhere under the rainbow!

- Three days of varied and contemporary continuing dental education sessions are offered (something for your whole team)
- Over 130 speakers and 150 open sessions and hands-on courses to choose from, as well as the Live Dentistry Stage in the Exhibit Hall
- Over 300 exhibiting companies in the spacious PDC Exhibit Hall
- Lunches and Exhibit Hall Receptions included in the registration fee
- Fantastic shopping, beautiful seawall access within blocks of your hotel, and great spring skiing and golfing

Online registration and program information at... **www.pdconf.com**

IN CONJUNCTION WITH **Pacific Dental Conference** CANADIAN DENTAL ASSOCIATION

JDIQ features deep lineup of courses

The Journées Dentaires Internationales du Québec, the annual meeting of the Ordre des Dentistes du Québec, will be held in Montréal from Friday, May 27, through Tuesday, May 31.

The meeting typically attracts more than 12,000 delegates from around the world. Organizers describe the event as being the "world's most highly attended bilingual convention." The JDIQ offers a scientific program with more than 125 lectures and workshops presented in both English and French.

Featured speakers for this 46th edition of the meeting include Drs. Véronique Benhamou, Philippe Martineau, Marina Braniste, Matthieu Schmittbuhl, Gordon J. Christensen, Marie-Andrée Houle, Samer Abi Nader, Maude Albert and Nadia Rizkallah.

Session topics include cone-beam computed tomography, endodontics, lasers, dental photography, dentures, composites, challenging implant cases, advanced local anesthesia, dento-alveolar surgery, conservative dentistry, sleep apnea and embezzlement protection for practices.

More than 225 exhibitors will span 500 booths in the exhibit hall, which will be open on Monday and Tuesday, May 30 and 31. A continental breakfast will be available to early risers on both days, and a wine and cheese reception will close out each of the two days.

Many of the workshop courses have already sold out. Prospective attendees are encouraged to register as soon as possible at www.odq.qc.ca/convention.

You can download the free mobile app, JDIQ 2016, to your smart phone or tablet via the App Store or Google Play. Or you can access the app via the QR codes on the meeting website.

The meeting organizers look forward to seeing attendees in Montreal at the end of May, with their usual promise of beautiful summer weather.

(Source: JDIQ)

nothing gets past 



CENTERS GET THE GLORY.
GOALIES SAVE THE DAY.

Isolite comfortably obturates the throat, protecting against accidental aspiration and ingestion of instruments, materials, and debris without obstructing the airway.

This is just one of the many ways Isolite provides **total control of the oral environment**, giving you stress-free, easy-to-use isolation and improving the dental experience for you, your team, and your patients.

LEARN MORE: 800 560 6066
www.isolitesystems.com

MDEL approved by
 Health
Canada

Santé
Canada

isolite SYSTEMS

Pediatric dentists heading to the River Walk

American Academy of Pediatric Dentistry scientific session will be from May 26–29 in San Antonio

The American Academy of Pediatric Dentistry annual session will be from May 26–29 at the Henry B. Gonzalez Convention Center on San Antonio's highly popular River Walk. Photo/Stuart Dee, provided by the San Antonio Convention & Visitors Bureau



The fun and history of Alamo City combine with top speakers and high-value C.E. at the American Academy of Pediatric Dentistry (AAPD) 2016 annual session. The event will be held from May 26–29 at the Henry B. Gonzalez Convention Center in San Antonio, Texas.

Online registration is open via www.aapd.org, with the cutoff for advanced registration set for April 4. You can use AAPD's online itinerary planner to find details on the scientific program, social events and other events in San Antonio.

Barbecue, hoedown, carnival rides

The welcome reception on Friday, May 27, will feature a family-friendly fiesta San Antonio style, with barbecue, southern hoedown and carnival rides for the kids.

The keynote speaker on Friday, May 27, will be Erik Wahl, an internationally recognized graffiti artist known for his high-energy, inspirational live performances. The best-selling author of the business book "UNThink" uses his on-stage painting as a visual metaphor to communicate his core message: encouraging organizations to achieve greater profitability through innovations and superior levels of performance.

Because attendees must register for the meeting prior to making meeting-block hotel reservations, attendees are encouraged to register early. There are a number of hotels in the AAPD block, including the Marriott Rivercenter (headquarters hotel), the Marriott Riverwalk, the Grand Hyatt San Antonio, the Hilton Palacio del Rio, the Residence Inn Alamo Plaza and the Westin Riverwalk. As you can tell from the hotel names, the convention center and hotels string the city's famed River Walk and its many restaurants, bars, shopping and entertainment venues.

A wide variety of other popular destinations are just blocks away in the heart of downtown San Antonio. All of the meeting's scientific sessions will take place at the Henry B. Gonzalez Convention Center.

Preconference course on esthetic restorations

The preconference course "Esthetic Pediatric Restorative Dentistry" will be presented by Kevin J. Donly, DDS, MS; William F. Waggoner, DDS, MS; Theodore P. Croll, DDS, MS; and Nasser Barghi, DDS on Thursday, May 26. The course will offer the most current esthetic pediatric restorative dentistry techniques with data available to support restorative regimens. Indications and contraindications will be presented. You can learn more about this course and the complete scientific program with the AAPD 2016 Online Itinerary Planner.

(Source: AAPD)

AD

104th Thomas P. Hinman Dental Meeting

DISCOVER THE DIFFERENCE

Hinman

Your Total Health Connection

ATLANTA, GA

March 17–19, 2016

Georgia World Congress Center & Omni Hotel at CNN Center

Dr. James A. Roos, General Chairman & Dr. Jonathan S. Dubin, President

Tell us what you think!

Do you have general comments or criticism? Is there a particular topic you would like to see articles about? Let us know by emailing feedback@dental-tribune.com.

Protect your Patients, Staff and Yourself

SciCan Mini-Seminars



HOW TO PROPERLY MAINTAIN YOUR HANDPIECE

Learn the simple steps involved in preparing, cleaning and lubricating your handpieces to ensure patient safety and proper functionality.

11:45 AM + 12:45 PM

HOW TO CHOOSE THE RIGHT SURFACE DISINFECTANT FOR YOUR OFFICE

Learn if your disinfectant is protecting you, your patients and staff.

12:15 PM + 4:45 PM

SciCan Booth
#1029

REGISTER ONLINE
at scican.com/pdcseminars

Seminar Length: 20 minutes | Cost: Complimentary

ENTER TO WIN

ATTEND OUR SEMINAR AT PDC
BOOTH #1029 FOR THE CHANCE
TO WIN AN **APPLE WATCH***

*After each seminar attendees will be entered to win an APPLE WATCH.
Attendees must be present for the entire duration of the seminar to be entered.





D. LUXTM
Cordless LED Curing Light

THE DENTAL
ADVISOR
++++

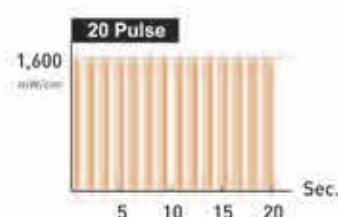
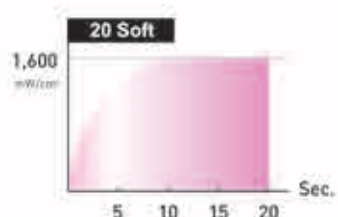
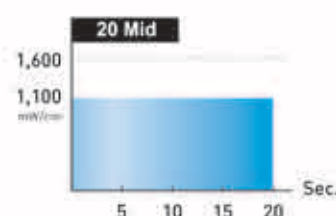
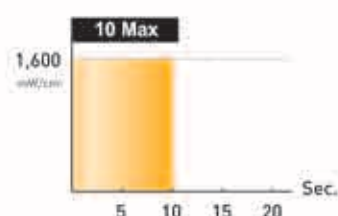
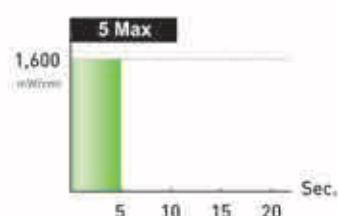
Exclusive PDC BOGO event that you don't want to miss!! Visit Booth #1529

Buy 1,
Get 1
FREE!

• SAVINGS •

FEATURES:

- D-LuxTM is made from the highest quality aluminum
- Robust and ergonomic
- D-LuxTM dissipates heat quickly so that it can produce the maximum light intensity safely and consistently
- 5 versatile curing modes for every indication, including Turbo, Soft Start, and Pulse Mode
- Premium 2-year manufacturer warranty



POWERFUL OUTPUT

- 1600 mW/cm²
- 420 - 490 nm



OLED PANEL

- Unique and intuitive
- One-button control



ADVANCED BATTERY

- 90 min. fast recharging
- Battery life indicator



ALUMINUM BODY

- Robust and ergonomic
- Easy to disinfect

DiaDent[®]

Also available through Henry Schein,
Patterson Dental, Sinclair Dental,
K-Dental, Larr Sales, Dens'n Dente, etc.

www.diadent.com | 1.877.342.3368 | LIKE us on FACEBOOK!
Demo units and literatures available