# DENTAL TRIBUNE

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#### **AWESOME STUFF**

DANYATHINAN

What dental-related items made the cut of one blogger's 1,000 most awesome things? • page 2



#### SCENES FROM HINMAN

Race cars, teeth whitening demonstrations and loudmouths are all waiting for you in the exhibit hall. ► pages 4–6



#### **UPGRADE YOUR PRACTICE**

Want to take your office in a digital direction? We know a company that can help you out with that. • page 14



# Hinman's centennial

*Here in Atlanta, dental professionals have plenty of opportunities for learning and shopping* 

#### By Fred Michmershuizen, Dental Tribune

or dental professionals, Atlanta is the place to be right now. With 250 educational offerings, 400 exhibiting companies and a keynote address by a former first lady, the 100th Thomas P. Hinman Dental Meeting is aiming to live up to its theme, "A Century of Excellence." Meeting organizers say about 23,000 dental professionals are here at the Georgia World Congress Center and Omni Hotel at CNN Center.

"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

► See CENTENNIAL, page 18



The exhibit hall floor offers plenty of opportunities. Photos/Fred Michmershuizen, Dental Tribune





## Awesome thing No. 129: clean teeth

#### By Robert Selleck, Dental Tribune

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-underappreciated 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 latenight 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-overspider-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."

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 best-selling 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?

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\*Price does not include shipping or digital treatment plan.

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Inclusive Tooth Replacement Solution with digital treatment

10, 10, 10



# Scenes from Thursday



Yolanda Peacher, left, and Rene Waibel of DENTSPLY Caulk (booth No. 1127).



Tom Batz of Aribex (booth No. 814) with the company's NOMAD handheld X-ray device.



Do you have questions? They've got answers at the information booth.

The folks at Doctor Bright's Tooth Whitening System (booth No. 1050): Ryan Busha, from left, Brianna Ball and Richard Garofolo.





Get your picture taken with auto racing's Ryan Newman at the Aspen Dental booth (Nos. 2729/2733).



Meeting attendees learn more about products available from Patterson Dental



Mats Engstrom of JS Dental Mfg. (booth No. 1112).



The folks from SockIt! Gel (booth No. 2032), from left: Dr. Shayne McAnalley, Rita Lockhart and Bill Lockhart.



Monica Villasenor, left, and Heather Franklin of Glidewell Laboratories (booth No. 2232).

Photographs by Fred Michmershuizen, **Dental Tribune** 





Dr. Robert R. Edwab of New York City presents a course on oral surgery Thursday morning.



Dr. Richard Young before his presentation Thursday afternoon on photography as an essential tool for communication in dentistry.



Anthony Flachner of G. Hartzell & Son (booth No. 1511).



Gregg Trovinger, left, and Amy Silvis of Garrison Dental Solutions (booth No. 2116).



The folks from 3Shape (booth No. 1153), from left: Carl Horrocks, Michael Maccaquano and Nancy Zhinin.



Attendees sit down for an educational presentation offered at the Carestream Dental booth (No. 1323).



Paula Noble of Specialty Appliances Orthodontic Laboratory (booth No. 1558).



Steve Kokal, left, and Cherie Boles of Lares Research (booth No. 2130).



The ladies from The Scheduling Institute (booth No. 2645), from left: Allyson Wiggam, Deanna White, Vanessa Carnero and Angie Carter.



R.J. Watson of Rx Honing (Sharpening) Machine (booth No. 1223).



Al Dubé, left, and Tom Turner of SolmeteX (booth No. 2029).

Chris Rucker, left, and Shane Thompson of Loudmouth Dental Marketing (booth No. 2316).



Dr. William Tincher of Fort Jackson, S.C., an officer in the U.S. Army Dental Corps, with his table clinic presentation on piezosurgery.





During the Hinman meeting, there's always plenty more to see and explore at the Georgia World Congress Center.



Barbara Cox of Hands On Training Institute (booth No. 2027).



Dental assistant Ashley Oparnica of Duluth, Ga., takes a 15-minute break for some teeth whitening at Iveri Whitening (booth No. 1253). Assisting her are Jag Dhamrait, left, and Allison Greenbaum.



It's this way to the meetings and exhibits.

## Here at Hinman: what to know

#### What

100th Thomas P. Hinman Dental Meeting

#### Where

Georgia World Congress Center (GWCC), 285 Andrew Young International Blvd., N.W., Atlanta

#### Exhibit hall

The exhibit hall is in GWCC Halls A1, A2 and A3. It is open from 9 a.m.–5:30 p.m. today and 9 a.m.–4:30 p.m. Saturday.

#### **Hinman Shuttle**

A shuttle bus system will operate from participating downtown hotels to the GWCC. Shuttle hours are 7 a.m.-6 p.m. today and 7 a.m.-5 p.m. Saturday.

Buses run every 10 to 15 minutes. The routes are:

• *Route 1:* Westin Peachtree Plaza, Hampton Inn Downtown, Holiday Inn, Marriott Atlanta Downtown

• *Route 2*: Hilton Atlanta, Hyatt Regency Atlanta, Hyatt Place

Route 3: Marriott Marquis
 Route 4: Ritz-Carlton, The Ellis Hotel,

Sheraton Atlanta
• *Route 5:* W Hotel Downtown

Route J. W Hotel Downtown

#### Guest policy

All guests must pay a \$75 registration fee, complete a guest registration form and can register on-site only. Guests do not have to be accompanied by a registered attendee.

Registering enables guests to visit the exhibit hall and buy tickets for courses or special events. Guests do not receive continuing education credits.

#### Children

All children must register for the meeting. Children may visit the exhibit hall but are not permitted in lectures.

#### **Business services**

A full-service business center, operated by FedEx Kinkos, is available inside the main entrance of the GWCC. The following services are available for a nominal fee: copy service, fax service, Internet access, office supplies, notary service, packing and shipping. Operating hours are from 8 a.m.–5 p.m. each day.

#### Coat and stroller check

A coat, briefcase and stroller check is available for a nominal fee on Level 3 of Building A, across from Room A-314.

#### C.E. credits

Continuing education certificates can be printed out at the conclusion of each course, at the end of the meeting or from *www.hinman.org* for up to six months following the meeting. Computerized continuing education certificates also can be printed out at one of two locations during the meeting: daily in the Cyber Café or from 1–5:30 p.m. Saturday in the Registration Hall.

#### Special offers

• *Hinman 100 T-shirts:* Pick up your limited edition Hinman 100 T-shirt at the Registration Hall while supplies last. Shirts are \$10, and the proceeds will go toward

a scholarship for dental education. Cash, check or credit cards are accepted.

• *Hinman Dental Hard Rock Café Pen*: The Hinman Dental Hard Rock Café Pin is \$14, and a portion of the proceeds will go to a Hinman scholarship. Purchase pins in the exhibit hall at booth No. 2350 or at the Hard Rock Café Atlanta store.

• *Googie Burger*: Stop by Googie Burger in Centennial Olympic Park and get 10 percent off "The TMJ Burger" and "The Root Canal" milkshake in honor of Hinman's 100th anniversary meeting. Show your Hinman badge for the discount.

#### Diamond-A-Day Giveaway

The Diamond-A-Day Giveaway will take

place in celebration of the Hinman 100th diamond anniversary. Ticket tumblers will be located in the Hinman History Pavilion in the exhibit hall today from 4–4:45 p.m., and the winner must be present at 4:45 p.m. to claim the prize.

On Saturday, the tumblers are in the Hinman History Pavilion from 2:45–3:30 p.m., and the winner must be present at 3:30 p.m. to claim the prize.

#### Cash giveaways

Look for Dr. and Mrs. Hinman on the show floor for your chance to win several \$100 cash prize giveaways.

Attendees must turn in their completed ticket to Dr. or Mrs. Hinman in the exhibit hall for a chance to win \$100 cash. Dr. and Mrs. Hinman will be walking around the exhibit hall today from 9:30–11:30 a.m. and from 3:30–5:30 p.m. and on Saturday from 9:30 a.m.–12:30 p.m. The winner will be called on his or her cell phone and does not need to be present.

#### Blood drive

The American Red Cross Blood Drive is partnering with the Hinman Dental Meeting to hold a blood drive today from 10 a.m.–3 p.m. To schedule your donation time and check your medical eligibility, go to *www.redcross.org* and enter sponsor code Hinman.

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## Clinical benefits of the Inclusive **Tooth Replacement Solution**

By Darrin W. Wiederhold, DMD, MS, and Bradley C. Bockhorst, DMD

A hallmark of the most successful modern clinicians is the ability to strike a balance between a daily load of 12 to 16 patients and maintaining the same high standard of care. No easy task when it comes to implant cases.

Currently, the manufacturer is responsible for the components, the laboratory for the restoration — after receiving the impressions. Restoratively, that's like erecting a house on an existing foundation, limiting the builder. Proper esthetics requires soft-tissue contouring that begins at implant placement, making stock components less than ideal.

With the new Inclusive® Tooth Replacement Solution from Glidewell Laboratories, custom-designed temporary components allow for immediate provisionalization specific to each patient, and a matching custom impression coping communicates the final gingival architecture to the laboratory. Add the implant, surgical drills, prosthetic guide, final custom abutment and final BruxZir® Solid Zirconia restoration (Glidewell), and the clinician receives all the components necessary to place, provisionalize and restore the implant.

The Inclusive Tooth Replacement Solution supports a streamlined workflow that ensures predictability and longterm success. Armed with the endgame in mind and the tools and road map to get there, experienced and novice clinicians alike can place and restore dental implants with greater confidence than ever before.

#### Implant treatment workflow

- Consultation and data collection
- Day of surgery protocol
- Healing phase
- Restorative phase: final impressions
- Delivery of final prosthesis

#### Consultation and data collection

For single-tooth replacement or fullmouth rehabilitation, comprehensive treatment planning is paramount. You'll need:

• Full-arch upper/lower impressions (PVS)

Bite registration

 Full-mouth radiographs (panoramic and CBCT scan, as needed. Note: If you do not have a CBCT scanner, refer patient to an imaging center.)

 Shade match of existing dentition Preoperative photos

Once you've selected a diameter and length of implant, forward the diagnostic materials (impressions, models, bite registration, shade, implant size) to Glidewell for fabrication of the custom components. The laboratory will pour and articulate the models and assemble the components, delivered to you in an all-inclusive box (Fig. 1):

• Prosthetic guide (Fig. 2a)

Custom temporary abutment (Fig.2a)



Fig. 1: Inclusive Tooth Replacement Solution Photos/Provided by Glidewell Laboratories



Fig. 2a: Prosthetic guide, custom temporary abutment, BioTemps provisional crown, custom healing abutment and custom impression coping



Fig. 2b: Inclusive Tapered Implant and disposable surgical drills

#### Here at Hinman

For more information about the Inclusive Tooth Replacement Solution, please stop by the Glidewell Laboratories booth, No. 2232.

 BioTemps<sup>®</sup> provisional crown (Glidewell) (Fig. 2a)

- Custom healing abutment (Fig.2a)
- Custom impression coping (Fig. 2a)

Surgical drills (Fig.2)

Inclusive Tapered Implant (Glidewell)

(Fig.2)

#### Day of surgery protocol

Place the box contents alongside your usual surgical armamentarium. Confirm the prosthetic guide fits snugly around the teeth. Visually confirm the proposed location of the implant osteotomy correlates with your planned location.

After placing the implant, decide based on the level of primary stability whether to place the custom healing abutment or the custom temporary abutment and accompanying BioTemps crown. Either option will begin sculpting the soft-tissue architecture around the implant to develop the future emergence profile.

If there is adequate attached tissue, use a tissue punch to remove the soft tissue over the osteotomy site; otherwise, reflect a flap. Note that the margin of the custom temporary abutment is set at approximately 2 mm.

Depending on the thickness of the soft tissue, the abutment can be adjusted and BioTemps crown relined. The custom healing abutment or BioTemps crown must be 1 mm to 1.5 mm out of occlusion to avoid occlusal stress.

Store custom impression coping with patient chart for the restorative phase.

#### Healing phase

Schedule monthly follow-up appointments to ensure osseointegration is pro gressing and to adjust the provisional restoration.

#### **Restorative phase: final impressions**

Upon successful osseointegration, the restorative phase begins. Contours of the custom impression coping match those of the custom healing abutment or custom temporary abutment, so it's simple to remove the custom abutment, seat the impression coping and take an accurate



full-arch final impression using a closedtray or open-tray.

Complete a simple prescription form included with the original box, select your final custom abutment and final shade for your BruxZir or IPS e.max® (Ivoclar Vivadent; Amherst, N.Y.) restoration, and simply forward these items to Glidewell. There are no additional laboratory fees.

#### Delivery of final prosthesis

On the day of delivery, remove the custom temporary abutment and clean all debris from inside and around the implant. Try in the final Inclusive® Custom Abutment (Glidewell) and BruxZir or IPS e.max crown (Fig. 3). Check the contours, contacts and occlusion and adjust as needed.

The final occlusion should be light on the implant-retained crown, with forces directed along the long axis to minimize lateral forces. The abutment screw is tightened to 35 Ncm, head of the abutment screw covered and crown cemented. All excess cement must be removed. Instruct your patient about home care, and set a recall schedule.



## Aribex NOMAD offers rectangular collimation

## *Adapter significantly reduces the radiation dosage to patient and user*

Aribex, a worldwide leader in handheld X-ray technologies, introduced its new Rectangular Collimator Adapter for the NOMAD® Pro handheld X-ray during last month's Chicago Midwinter Meeting. The device snaps on the front of the NOMAD Pro cone to reduce the X-ray exposure from a 6 cm circle down to a 3 by 4 cm rectangle, matching the size and shape of a No. 2 dental image receptor.

"Dozens of studies have proven the NOMAD Pro to be safe," said Ken Kaufman, president of Aribex. "The NOMAD Pro patient dose area is already 27 percent smaller than that of traditional systems.

"Thanks to the feedback of our customers and the hard work of the Aribex team, this new Rectangular Collimator Adapter makes our NOMAD Pro even safer, because it reduces the dose area by an additional 58 percent."

The Rectangular Collimator Adapter is available for immediate shipment with a manufacturer's suggested retail of \$195, 75 percent less than similar adapters on the market today. Here, during the Hinman Dental Meeting, the adapter will be featured in the Aribex NOMAD booth, No. 814.

"Improved patient safety isn't the only benefit," Kaufman said. "Studies have shown that when properly used, our device protects dental staff members as much or better than traditional wallmounted systems."

#### Safe and approved for use

Aribex recently reaffirmed that each of its X-ray products meets FDA requirements, including FDA 510(K) clearance and labeling. This announcement came as a result of a recent FDA investigation into the illegal online sales of handheld dental and veterinary X-ray units by manufacturers outside the United States.

Kaufman stressed that the NOMAD, which is manufactured in the United States, is proven safe, FDA-cleared and approved for use in almost all states. Aribex officials said the company continues to have a positive working relationship with the FDA, along with other state and local radiation safety officials.

The Aribex NOMAD fills the need for a truly portable, lightweight dental X-ray device. Thousands of NOMAD handheld devices are now in use in professional dental offices, as well as providing access to care for hundreds of thousands of underserved people around the world. Unlike bulky wall-mount systems traditionally used, the Aribex NOMAD is rechargeable and can go anywhere.

#### Here at Hinman

To see the Aribex NOMAD and the new Rectangular Collimator Adapter, stop by the booth, No. 814.



The Aribex NOMAD with the Rectangular Collimator Adapter. Photo/ Provided by Aribex

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Meet us at here at Hinman Dental Meeting, where 3Shape staff will demonstrate the whole palate of 3Shape's innovative products live.



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Meet us at booth 1153