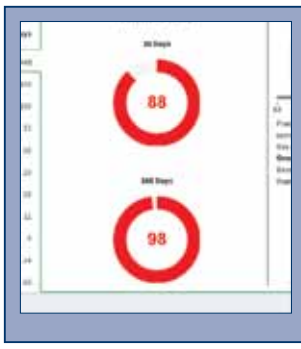
Hinman Dental Meeting • Atlanta, Georgia • Thursday, March 17, 2016 Vol. 7, No. 1

today



Say goodbye to basic caller ID

New software can change the way you answer the phone (and you can save money if you buy it here!).

»page 4

One device, many uses

Dr. John Russo reflects on why his radiosurgery unit has given him such a good return on investment.

»page 6

Higher strength and less flaws

Why nanofibers might just be the wave of the future when it comes to dental composites.

»page 14

12 places to check out in Atlanta

■ For those who are looking for something to do after attending courses and visiting the exhibit hall, Atlanta is viewed by many to be one of the most exciting cities in the country. Here are 12 attractions to check out.

Georgia Aquarium

The world's largest aquarium is home to beluga whales, whale sharks, penguins and other aquatic animals.

World of Coca-Cola

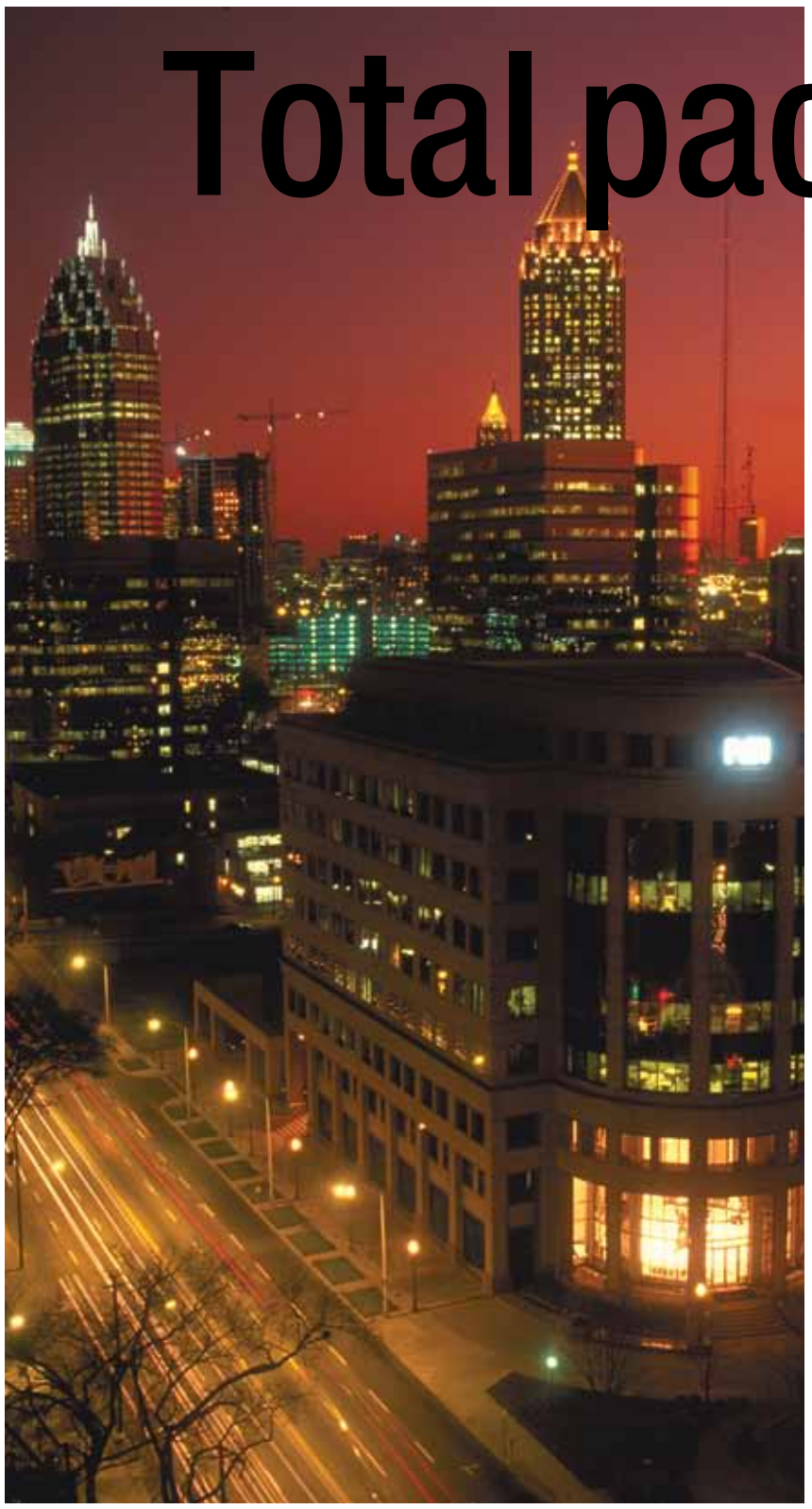
The Coke museum features a multisensory 4-D theater, an 1880s soda fountain and a live-action bottling line, plus an opportunity to sample nearly 70 different beverages from around the world.

Georgia Dome

The Georgia Dome, the largest cable-supported domed stadium in the world, opened in 1992. Located downtown, the dome is the home venue for the Atlanta Falcons. Annually, the dome hosts the SEC Football Championship and the Chick-fil-A Bowl.

»see ATLANTA, page 3

The Georgia Dome. (Photo/Provided by the Georgia World Congress Center)



A view of Atlanta. (Photo/Provided by the Georgia World Congress Center Authority)

Total package

■ There are a lot of new goodies underneath the rainbow this St. Patrick's Day, and all of them can be found here at the Thomas P. Hinman Dental Meeting.

One of the biggest new happenings is the Total Health Connection Pavilion, found in the exhibit hall. There, you can learn about healthy living, receive a free health screening, sample nourishing snacks, visit with health-related exhibitors, talk to lifestyle experts and enter to win a $50 gasoline card each day.

You also can earn C.E. credit for various courses held at the pavilion, located in the back of the 1600 aisle next to the table clinics.

The meeting's total-health connection isn't just limited to the exhibit hall either. Meeting organizers have created a larger program that focuses on the health and science of the entire body, emphasizing the relationship between oral and systemic health. A wide variety of courses and lectures across all three days include a total-health focus and can be found in the course listings by looking for the Total Health Connection logo.

Other new items you can enjoy at this year's meeting: "mini-residencies" with in-depth courses on geriatrics, pediatrics and cone-beam anatomy; more than 20 speakers who haven't previously presented at Hinman; a S.I.L.V.E.R. course ("Strategies to Implement that Lead to a Valuable Enjoyable Retirement"), and the "Hinman's Night Out: Dancing in the Dome" on Friday night (registration required).

For more information on any and all of these events, check out the on-site guide or download the 2016 Dental Hinman Meeting app to your smartphone.

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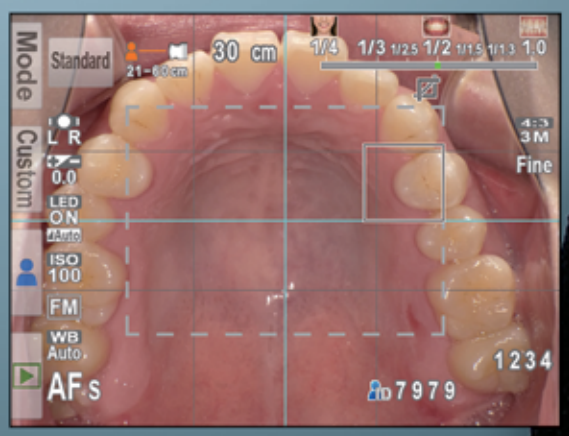

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*Brinker, S. (2015, January). HIPAA compliance and digital photography with personal mobile devices. Dental Products Report, 76-80.

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ATLANTA *from page 1

Margaret Mitchell House
The three-story Tudor Revival mansion in Midtown was the home of author Margaret Mitchell and the place where she wrote the Pulitzer Prize-winning novel "Gone With the Wind." The house offers tours, a museum and a shop.

Jimmy Carter Presidential Library and Museum
Learn about the life and work of the 39th president. Explore an exact replica of the Oval Office, view special exhibits and listen to oral histories and interviews from the Carter White House.

Georgia State Capitol
Self-guided tours include a history of the building, the public galleries of the House of Representatives and the Senate and the Georgia Capitol Museum.

Castleberry Hill
Trendy art galleries, restaurants and meeting places can be freely explored at Castleberry Hill.

Piedmont Park
Piedmont Park is the largest green space in the city. The park's sidewalks are just some of many trails for use by pedestrians, bikers and rollerbladers.

Martin Luther King Jr. Historic Site
The National Historic Site includes tours of Dr. King's birth home, the church where his father preached, his and Coretta Scott King's final resting places, the International Civil Rights Walk of Fame and the visitor center exhibiting civil rights memorabilia.

Underground Atlanta
Underground Atlanta is downtown and features shopping, dining, history, city festivals and entertainment.

Atlanta Botanical Garden
The Atlanta Botanical Garden features more than 30 acres of gardens, forest and wildflower trails as well as a 10,000-square-foot Fuqua Orchid Center.

Centennial Olympic Park
This 21-acre park is the city's lasting legacy from the Centennial Olympic Games.

(Source: www.atlanta.net*)*

AD

Caller ID is so last century

Step into the future with Call Optimizer by Sikka Software

By Sikka Software Staff

As you read this, established and potential new patients are calling your front desk. They all want the same thing: to get quick and professional answers to questions about their dental care.

However, even patients with decades of history with your practice are not usually known to the front desk until they ask, "Who's speaking?" and pull up the file.

What if you could bypass this time-consuming and impersonal exercise?

Sikka Software has a new app, integrated with RingCentral, that automatically displays patient details when they call. Practices can save more than $2,800 a month in staff time by increasing phone efficiencies, as team members no longer need to hunt through files for details. It works through the Sikka Platform Cloud, which connects with 96 percent of practice-management software.

Call Optimizer™ helps you:

• *Know your patient:* Call Optimizer automatically displays the caller's name and contact information. If a member of a family is calling, the front desk staff can select the guarantor or patient in question. With a name and contact information, the front desk can address patients in a personal and courteous manner.

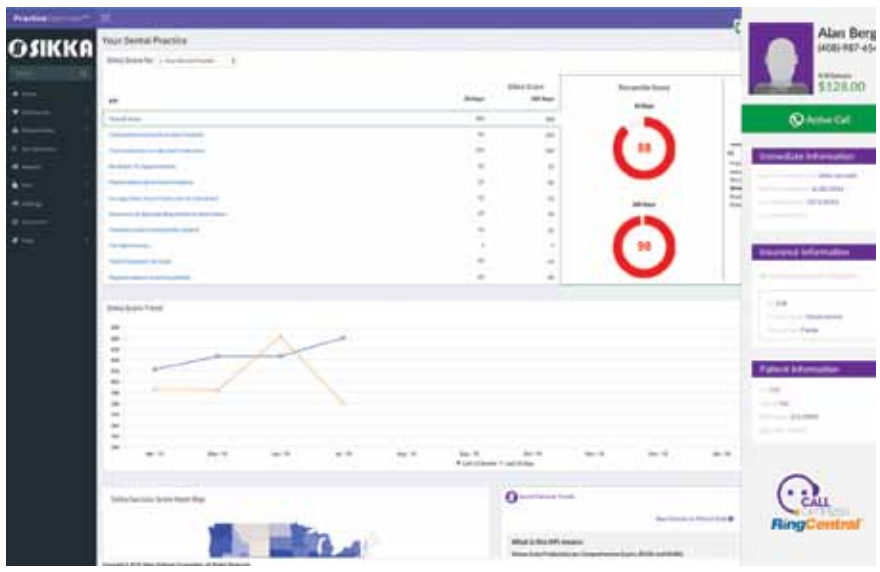
• *Manage and schedule care:* Previous and upcoming appointments — as well as recent care notes — are presented, so the patient's treatment plan can be scheduled and questions can be answered about completed or pending procedures. This ensures your patients receive the best possible care.

• *Track benefits and balances:* Patients often are unaware of remaining dental benefits. With this number displayed, patients can feel confident about the costs they will likely incur during care. Accounts receivable information is also presented, allowing the front desk to initiate payment.

Call Optimizer is available at a special price for the Hinman show of $75, a savings of 62 percent. Practices can save even more when they bundle Call Optimizer with Practice Optimizer™ and RingCentral phone services. Learn more about Sikka Software's practice-optimization apps by visiting booth No. 847.

Here in Atlanta

Learn more about Call Optimizer and get a special Hinman price of $75 (a 62-percent savings) when you stop by the Sikka Software booth, No. 847.



A look at Call Optimizer by Sikka Software. (Photo/Provided by Sikka Software)

About Sikka Software

Sikka Software provides a platform for small- and medium-sized business health-care apps. The company's products help health-care providers and other small businesses optimize their practices via a series of cloud-based applications. With more than 32 apps built on Sikka Platform Cloud with more than 17,200 installations, Sikka Software is a leader in the U.S. dental, animal health and hearing care markets. The company is now supporting a real-time optimization and information network with providers, patients, consultants, manufacturers and financial service providers.

A privately held company, Sikka Software is headquartered in San Jose, Calif., with offices in the United States and in India. More information may be found at *www.sikkasoftware.com*.

A camera designed just for dentists

By Shofu Dental Staff

A recipient of the Pride Institute's 2015 "Best of Class" Technology Award, the EyeSpecial C-II is the first digital camera designed exclusively for dentistry, according to Shofu Dental, the company behind the product.

Intended for predictable and consistent clinical photography, case documentation, lab collaboration and patient education, the EyeSpecial C-II achieves brilliant images with simplicity and convenience, according to the company. Equipped with a high-quality sensor and unique FlashMatic module — a proprietary system of flashes and filters — this intelligent camera can demonstrate true-color reproduction and an exceptional depth-of-field range.

Like smartphones and tablets, the EyeSpecial C-II is considered highly intuitive and user friendly. It possesses eight pre-set dental shooting modes for efficient dental photography and features numerous smart functions that Shofu asserts can enrich peer-to-peer and lab collaboration as well as patient education.

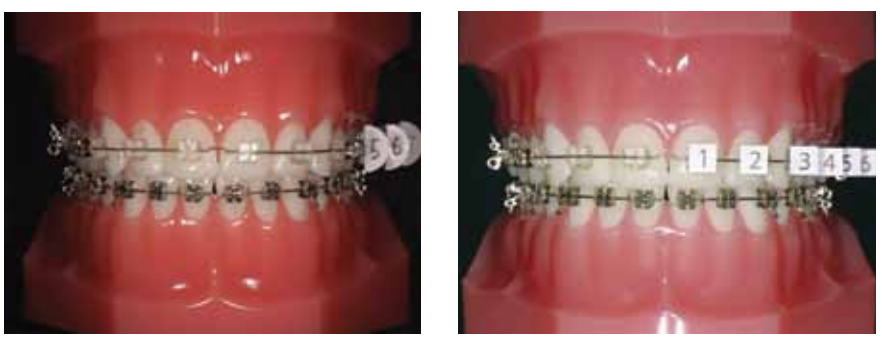
For instance, the unique isolate shade mode grays out the gingival part of an image to facilitate flawless shade matching for both the lab technician and dentist. The draw/edit function enables making notes on images, which can be a value added when discussing a treatment's options or its progress or when pointing out problematic areas in the treatment modality.

Furthermore, for more efficient visual communication, the LCD screen of the EyeSpecial C-II is larger than displays in typical smartphones and SLR cameras, and it can be operated with a gloved hand.

With proliferation of HIPAA-compliant Bluetooth and wireless dental-office technologies, Shofu's camera provides the ability to wirelessly interconnect with other systems in the operatory and laboratory. When equipped with a Wi-Fi card, a photograph captured with the EyeSpecial C-II will instantly appear on connected devices, including a computer monitor, laptop or an iPad, turning a dental office or a laboratory into a communication hub.

Designed for comfort and functionality, the EyeSpecial C-II complies with stringent infection-control protocols. The camera is water-, chemical- and scratch-resistant, and it can be swiftly disinfected with a wipe.

Packed with intuitive, cutting-edge functions tailored for dentistry, Shofu Dental asserts the EyeSpecial C-II will help achieve the varied needs of a busy dental office or laboratory, whether it is the dentist, assistant or hygienist performing clinical photography, case documentation, lab collaboration or patient communication and education.



Depth-of-field range of the Nikon D100 (left) and Shofu's EyeSpecial C-II (right). (Photo/Provided by Shofu Dental)

Here in Atlanta

To learn more about the EyeSpecial C-II, stop by Shofu's booth, No. 1531, visit *www.shofu.com* or call (800) 827-4638.

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‘An alternative to any procedure’

Dr. John Russo talks about the benefits of his Ellman radiosurgery unit

By *today* Staff

■ John Russo DDS, MHS, is a periodontist in Sarasota, Fla. He graduated from the Ohio State University College of Dentistry and received a periodontics certificate from the Medical University of South Carolina as well as a master in health sciences degree.

Today he is a clinical assistant professor of periodontics at the Medical University of South Carolina, a diplomat of the International Congress of Oral Implantologists and a nationally recognized expert in dental implants and bone grafting.

One of the products Russo spends a lot of time with is his Ellman radiosurgery unit, which can be used for more than 30 different dental procedures and appeals to those ready to move beyond the scalpel as well as those looking for an alternative to lasers and electrocautery units

Russo said he has been using his unit for more than 10 years on a daily basis. *today* talked with him to get a little more insight into what he likes about it.

What do you use your Ellman radiosurgery unit for? How many procedures can it be used for?

The Ellman radiosurgery unit can be used as an alternative to any procedure performed with a scalpel. I use my unit for: cautery of donor sites for gingival grafts, making incisions, harvesting donor tissue for soft-tissue grafts, excisional biopsies, gingivoplasty, removal of pigmentation, frenectomies and many other procedures.

What do you see as the benefit of Ellman’s radiofrequency technology as compared to lasers and electrocautery?

In my experience, the Ellman radiosurgery unit has significantly less collateral thermal penetration/damage than electrosurgery units. Another benefit is I do not have to “ground” my patients prior to using the technology.

Here in Atlanta

To see the Ellman radiosurgery unit for yourself, check out the booth, No. 1218, in the exhibit hall.

With my Ellman unit, I can cauterize bleeding vessels larger than 0.3 mm whereas my laser will only cauterize vessels smaller than 0.3 mm. Also with the Ellman unit, I have a choice of multiple tips that can be used in different circumstances and locations of the mouth and can also be bent for more customized access.

How are the results?

The results can be described as laser-like surgery. The result of cutting or cauterizing tissue with the Ellman unit is minimal heat production and minimal depth of tissue penetration.

Does your Ellman provide good return on investment?

When comparing the cost of my Ellman unit to my laser, the Ellman is significantly less expensive and allows me to perform more treatments, mostly due to the availability of different tips for different procedures. The Ellman has been a great return on investment.

Dr. John Russo, DDS, MHS

To see the Ellman radiosurgery unit for yourself, check out the booth, No. 1218, in the exhibit hall.

AD

Caller ID is so last century

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SIKKA

Fixed and removable implant restorations: A solution for every arch

By Paresh B. Patel, DDS

When a patient presents with an edentulous arch or terminal dentition, implant treatment can be provided that improves not only form and function but also quality of life. For patients desiring better chewing capability, stability, esthetics and comfort than a traditional denture can offer, both removable and fixed implant restorations are superior alternatives.

As evidenced by the case that follows, in which one arch is restored with an implant overdenture and the other with a BruxZir® Full-Arch Implant Prosthesis, practitioners today have a great deal of clinical flexibility.

Case presentation

A 47-year-old male presented with terminal dentition in both arches resulting from periodontal disease and severe caries (Fig. 1). He had saved up enough money for a fixed implant restoration for his upper arch, for which he desired the most stable, functional prosthesis possible.

While he couldn't afford such a restoration for both arches, he wanted a retentive appliance for his mandible. The patient accepted a treatment plan in which his maxilla would be restored with a BruxZir Full-Arch Implant Prosthesis and his mandible with an Inclusive® Locator Implant Overdenture.

At the surgical appointment, the patient's remaining teeth were removed. Four Inclusive Tapered Implants (Glidewell Direct, Irvine, Calif.) were placed in each arch.

Inclusive Multi-Unit Abutments (Glidewell Direct) were attached to the maxillary implants, correcting for their divergent angulation.

Having achieved sufficient primary stability, the implants placed in the patient's maxilla were loaded with an immediate denture, satisfying the patient's desire to leave the surgical appointment with a fixed maxillary prosthesis in place.

A lower immediate denture was modified and relined to seat over the mandibular implants during healing. The final radiograph taken after seating the temporary appliances confirmed excellent positioning of the implants (Fig. 2).

Fig. 1: Preoperative condition of the patient. Note the high lip line, severe cervical decay present on the patient's remaining teeth and lack of gingival support. (Photos/Provided by Glidewell Laboratories)

Fig. 2: Postoperative panoramic radiograph illustrates All-on-4 configuration of maxillary implants and axial placement of the mandibular implants, which would facilitate a passive fit of the lower overdenture.

Fig. 3: The final BruxZir Full-Arch Implant Prosthesis completes a dramatic oral reconstruction for a patient who presented with terminal dentition, restoring form, function and quality of life.

Here in Atlanta

To learn more about the BruxZir Full-Arch Implant Prosthesis and the Inclusive Locator Implant Overdenture, stop by the Glidewell Laboratories booth, No. 1712.

Three and a half months later, VPS impressions were taken. The restorative protocol for both prostheses included wax rims and setups. After final approval of the wax setups, a custom-tray final impression was taken of the maxillary arch to ensure the prosthetic design was accurate before milling the final restoration from monolithic zirconia.

The lab fabricated the final lower appliance, including denture caps that provide retention and stabilize the prosthesis. Based on the custom-tray final impression, the maxillary prosthesis was designed using advanced dental CAD software, and a provisional implant prosthesis was milled from PMMA.

At the following appointment, the Inclusive Locator Implant Overdenture was seated and checked for proper fit and function. Then the provisional implant prosthesis was screwed into place, and its teeth positioning, function and esthetics were verified.

With both appliances in place, the interocclusal relationship was checked and minor adjustments made. The patient wore the provisional full-arch implant prosthesis for a trial period of two weeks to verify the accuracy of the design before it was returned to the lab.

The final BruxZir Full-Arch Implant Prosthesis was digitally fabricated with precision and, as an exact reproduction of the test-driven provisional, fit perfectly and offered the esthetics and function the patient had come to expect (Fig. 3).

The final restoration effectively addressed the unique circumstances of the case, providing the most durable, stable prosthesis possible for his upper and a lower restoration that greatly improves prosthetic retention.

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