Today’s the day

Final chance for show specials, giveaways and best deals on exhibit floor

- If yesterday was for looking, today is the day for buying, with the ASM18 exhibit floor scheduled to close at 5:30 p.m., not to open again until next year’s Annual Spring Meeting.

A stroll through the aisles reveals a bounty of good deals, show specials and must-have supplies at cash-and-carry prices.

* see TODAY, page 3
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One of the best features of the Ontario Dental Society’s Annual Spring Meeting is its location, the Metro Toronto Convention Centre, which is just steps away from some of the top choices among Toronto’s endless attractions.

The list of attractions is enticing: international cuisine, unique shopping venues, diverse cultural facilities and events, trails, parks, distinctive architecture and endless top-caliber entertainment. Following are some possibilities.

Step out for a bit

• Taste a peameal bacon sandwich (with honey mustard) and a butter tart at the 200-year-old St. Lawrence Market.

• Ride the 501 “Red Rocket” streetcar along Queen Street from The Beaches in the east to the west end, through the heart of downtown and passing through the eclectic neighbourhoods of Leslieville, Riverside, Queen West, West Queen West, Parkdale and Roncesvalles along the way.

• Take the ferry to the Toronto Islands for a day in the parks and on the beaches—a piece of calm outside the hustle and bustle of the city. Refreshing signs read “Please walk on the grass.” The islands are home to a community of about 800 people, who have the distinction of boasting Canada’s highest per capita population of artists. Even more appealing, the islands are considered to be the location of North America’s largest urban community that is car free.

• Catch live music at one of Toronto’s legendary music venues such as the Horseshoe Tavern (where the Rolling Stones have played many surprise concerts), The Rex (for live jazz) or the iconic Massey Hall.

• Wander the eclectic and bohemian Kensington Market for vintage finds, organic coffee, tacos, Jamaican patties, gourmet cheese shops, green grocers and Indian spices.

• Experience the highs and lows of Toronto— from the CN Tower’s Skypod observation deck at 447 meters (135 stories) up, down to the underground PATH system connecting downtown’s office towers with a 27-km network and more than 1,200 shops and restaurants.

• Stroll along the highest sidewalk at the CN Tower’s Edgewalk.

• Visit the Art Gallery of Ontario’s premier collections of Canadian art featuring the famous Group of Seven.

• Get lost in the crowds of Yonge-Dundas Square where the billboards and neon lights surround the swarms of people in Toronto’s most famous intersection.

• Absorb the Canadian game’s history and touch the actual Stanley Cup at the Hockey Hall of Fame.

• Shop at the Eaton Centre and for designer wear at Bloor-Yorkville.

• Eat your way around the world in Little Italy, Little Portugal, Greek-town, Chinatown, Koreatown, and Little India, just to name a few.

(TODAY from page 1)

The opportunities are everywhere. In booth No. 433, Designs for Vision is offering $200 off when you order both loupes and an LED DayLite. It’s worth a visit just to feel how light in weight and powerful in illumination these are. Headquartered just down the road in Cambridge, Ontario, Septodont always has its ASM booth (No. 724) loaded up with show specials, demos and other offers. Be sure to learn more about its BioRoot RCS and Endosolv products.

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today appears during the Ontario Dental Association Annual Spring Meeting in Toronto, Ontario, Canada, April 26 and 27, 2018.

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Open and say ahhhhhh

MICRO-TOUCH DENTA-GLOVE series designed just for dentistry

By Ansell Staff

Ansell, a global leader in protection solutions and maker of the popular Microflex® and MICRO-TOUCH® examination gloves, has launched its MICRO-TOUCH DENTA-GLOVE series, a highly-diversified portfolio of dental examination gloves, which according to the company outperform the competition.

MICRO-TOUCH DENTA-GLOVE is the first series of examination gloves developed specifically for the needs of dental professionals, according to Ansell.

Specifically certified for oral examinations

All products in the series are certified for use in oral examinations for patient safety and peace of mind and are designed with the most advanced film technologies to meet the unique and demanding needs of the dental profession, the company asserts.

All of the products in the series are tested for bio-compatibility, and some feature inner coatings to promote hand health.

For more details about MICRO-TOUCH DENTA-GLOVE examination gloves or to request a free sample, you can visit the company online at www.ansell.com/DentaGlove.

Here in Toronto

To learn all about MICRO-TOUCH DENTA-GLOVE examination gloves and to get free samples, you can visit Ansell in booth No. 412. You can also visit the company online at www.ansell.com/DentaGlove.

The MICRO-TOUCH DENTA-GLOVE series includes ‘Magenta Nitrile Allogel’ (pictured), ‘Blue Nitrile,’ ‘Green Neoprene’ and ‘Latex Hydracare.’ (Photo/Provided by Ansell)
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Booth #
433
New dental camera built for entire team

Revolutionizing clinical photography: Pre-programmed shooting modes enable dental camera users to navigate through tasks without extensive photographic skills or experience

By Shofu Dental Staff

Doctors and their team members who strive to increase the effectiveness of clear aligner therapies in their practice seek products that can engage everyone in the process and improve the hands-on experience of a patient. Digital photography plays a key role in documenting treatments. With the right camera in their hands, team members can help increase the patient’s acceptance and practice’s profitability.

The EyeSpecial C-III camera from Shofu captures stellar images for case documentation, diagnosis and treatment planning, patient communication and education. Equipped with dental-specific, pre-programmed shooting modes, the EyeSpecial C-III enables clinicians and their team members to efficiently navigate through photography tasks without the need of extensive photography experience.

For instance, in order to achieve orthodontic photographs with Shofu’s camera, the operator will select a button corresponding to FACE MODE to capture extraoral images. In a similar fashion, an operator will choose STANDARD MODE to capture anterior and buccal intraoral photographs, and MIRROR MODE to accomplish the occlusal pictures.

For every step of an orthodontic photo series, the EyeSpecial C-III will automatically set the appropriate f-stop, aperture and focal length to deliver an ideal photograph, leaving the camera’s operator to simply select a suitable mode. Incorporating intuitive functions tailored specifically for dentistry, the EyeSpecial C-III is designed to handle clinical applications without requiring retrofitted add-ons.

When combined with a draw/edit function, which allows for making notes directly on images, this attribute is of immense value for an effective treatment evaluation or a discussion about the progress or challenges associated with the modality. Engineered to provide functionality, the ultralight (weighing ca. 1lb) EyeSpecial C-III complies with infection control protocols. The heavy-duty camera’s body is water-, chemical- and scratch-resistant, and it can be swiftly disinfected with a sterilizing towelette, virtually eliminating the possibility of cross-contamination.

The new and improved EyeSpecial C-III digital dental camera helps dental practices and laboratories increase patient acceptance and productivity. The heavy-duty camera’s body is water-, chemical- and scratch-resistant, and it can be swiftly disinfected with a sterilizing towelette, virtually eliminating the possibility of cross-contamination.

(Photos/Provided by Shofu Dental)
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Visit us at the 2018 Ontario Dental Association Conference Booth #412 to get FREE SAMPLES of all of our Ergonomic products.

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Free-motion elbow supports: Key to reducing musculoskeletal disorders

Improved ergonomics protect dental careers

By Tricia Osuna, RDH, BSDH, FAADH

As the dental profession has come to realize that undiagnosed and untreated injuries caused by ergonomically unsound practices are often the cause of physical pain and early retirement, there have been numerous strategies employed to prevent such injuries.

Today’s dental professionals are trained to provide dental therapy in a seated position, which varies from earlier training that allowed for standing only. The incidence of musculoskeletal disorders (MSDs) among dental professionals has increased noticeably in recent years.

Because dental treatments often involve working in awkward positions and holding those positions for extended periods of time, many MSDs, especially those involving the neck and shoulders, result from what is known as Prolonged Static Posture (PSP). In addition, the application of a high percentage of Maximum Voluntary Contraction (MVC) of muscles required for many procedures also contributes greatly to the high incidence of MSDs.

To address these problems, such things as improved lighting, magnification and chairs that support proper posture have been introduced. Now, another technology, free-motion elbow supports, has emerged to add to the resources available to protect us.

Free-motion elbow supports encourage proper working posture and enable you to work from an ergonomically optimal position. They are a key component in the reduction of work-related musculoskeletal disorders of the back, shoulders and neck among dental professionals. And because this support is applied at the elbow, it also enables you to avoid the excessive wrist flexion that frequently leads to carpal tunnel syndrome, which can be a serious deterrent to the success of your career.

Look to the science

A comprehensive study published by ASSTSAS* used electromyography (EMG) to measure the actual amount of force exerted during the performance of key dental activities.

The study measured hygienists’ levels of stress when performing under their normal working conditions and using equipment, postures and techniques they had become accustomed to.

The study found that even when ideal posture was maintained during work, significant muscle stress was observed without the use of free-motion elbow supports. It then followed up those results by testing the same group of hygienists after they had been retrained and provided with seating that made use of gel-padded free-motion elbow supports to reduce specific types of stress.

The results of this study demonstrate that a combination of changes in work habits and posture, coupled with the use of seating equipped with free-motion elbow supports, significantly reduces the stress of PSPs and the percentage of MVC of muscles required to perform dental work.

Because the study used EMG devices attached to its subjects to directly measure the stress exerted on specific muscles during the performance of dental tasks, it provides direct evidence based on physiological measurements rather than questionnaires and observation alone in support of its conclusions about the best ways to dramatically reduce MSDs and their associated negative consequences.

Consider Posiflex Design

Dental professionals should strongly consider acquiring and using the free-motion elbow supports as part of their normal work procedure. If the dental practice is considering the purchase of new operator’s chairs, such movable supports are available on chairs manufactured by Posiflex Design.

If operators are currently using satisfactory seating that provides adjustable lumbar support and a seat that can be tilted to the ideal angle, or if no plans to procure other new seating are imminent, then the free-motion elbow supports can be purchased separately and installed on any make or model of operator’s chair. Ask your local dealer.

For more information on Posiflex free-motion elbow supports, you can visit the company at booth No. 903 on the ASM18 exhibit floor, or telephone the company at (888) 767-4353.

Here in Toronto

You can find Posiflex Design products in booth No. 903 (Patterson Dental).

References

1. The Montréal-based Association paritaire pour la santé et la sécurité du travail du secteur affaires sociales (ASSTSAS) is a nonprofit organization managed by a general assembly and a board of directors comprising an equal number of representatives from trade union associations and sector employer organizations. Additional references for this article and the complete study are available at www.posiflexdesign.com.

(Sources: Posiflex Design)
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Restoring a fixed-bridge abutment with advanced endo/perio bone destruction using TwinLight periodontal and PIPS endodontic treatment

By Steven Abernathy, DDS
Jonesboro, Ark.

Periodontal tissue regeneration has been demonstrated to be promoted either when the Nd:YAG laser or Er:YAG laser is being used individually as an adjunct to mechanical therapy. The same or presumably even better result is expected when both laser therapies are performed in combination using the TwinLight® protocol. My clinical experience confirms this conclusion: Bone regeneration is observed as one of the positive outcomes of the LightWalker® laser TwinLight treatment.

In this paper, I report on one of my more difficult cases, in which the periodontal TwinLight laser treatment was additionally combined in tandem with the endodontic PIPS® laser treatment, both exclusively available with the LightWalker dental laser.

Radiographs taken before and three-years post-op demonstrate significant bone regeneration. My clinical experience confirms the conclusion of a recently published five-year retrospective study that concluded that bone regeneration is observed as one of the positive outcomes of the TwinLight treatment.

Case
A 72-year-old male in otherwise good health presented with an endo/perio lesion of the mandibular left second molar (Fig. 1).

The tooth was the distal abutment of a four-unit fixed partial denture. The patient’s chief complaint was soreness to chewing pressure and a chronic dull ache on the left side of his jaw. He had recently seen his family dentist and an endodontist, both of whom had advised him the tooth was hopeless. A single appointment of 1.5 hours included PIPS laser endo, TwinLight periodontal treatment and bridge repair.

Conclusion
It is the author’s contention that the success of this case can be attributed largely to the gentle nature of the TwinLight and PIPS treatments available in tandem with the Fotona LightWalker laser.

Traditional root-canal treatments and periodontal surgery both create a great deal of mechanical stress on the periodontium as endodontic instruments engage dentin within the canals, and scalers and ultrasonic instruments debride and root plane the diseased cementum.

Laser energy does not create mechanical stress, and its bactericidal nature as it works within the canals and the perio defect is an additional benefit. The radiographs taken before and three-years post-op demonstrate significant bone regeneration following the combined TwinLight laser periodontal treatment.
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Position yourself for life with ExamVision loupes, lights

By SYNCA Staff

- Surprisingly, not all loupes are designed and manufactured for equal ergonomic benefits.
  - Based on how they are made, loupes can either position you properly to protect your musculoskeletal health, or they can actually contribute to damaging your musculoskeletal health.
  - You can make the right choice with ExamVision from SYNCA.
  - With SYNCA’s certification in dental ergonomics, the company makes customized loupes that will position you correctly for a long healthy career. Known for design quality, ExamVision from Denmark uses only the finest components, according to the company.

German optics, pure titanium frames

Optics are the highest German quality. All carrier lenses are quality name-brand from Hoya and Essilor. The pure titanium frames are designed to balance the loupes on the head for optimal comfort.

Why is SYNCA the market leader in Canada? With more than 20 years of specialized experience in loupes and lighting, SYNCA has become a go-to source for advice and ergonomic fitting, the company asserts. SYNCA describes itself as a proud Canadian company with a Canadian service center, and asserts that its reputation for excellent service is the reason it has been able to increase its market share every year since partnering with ExamVision.

Visit booth Nos. 807-811 to discover how ExamVision can take magnification and lighting to the highest level.

Technology changing patient education

- Technological advancements are perpetual catalysts for changes that continue to transform the way we operate on a daily basis. For progressive practitioners, the constant wave of new technology provides an auspicious opportunity to increase prosperity and experience substantial benefits in other areas.
  - For decades, dental practitioners have been pigeonholed to tediously repetitious practices such as the monotonous treatment of caries and removal of plaque buildup. Despite this, the prevalence of malocclusion in modern children is approaching 100 percent and this growing incidence is enabling dentists to widen their scope of practice with the prospect of providing biological-based orthodontic treatment for children. Additionally, the recognition of sleep-related breathing disorders in dental patients is increasing, with recent research finding a relationship between the prevalence of malocclusion and dysfunctional breathing.1
  - With this in mind, practitioners looking to diversify their pediatric treatment options in the increasingly competitive market that is modern dentistry should consider the benefits modern technology can offer. The implementation of eLearning tools in North American classrooms has produced a generation of students that feels comfortable using screen-based technology for self-directed learning and is appreciative of the low-pressure environment it offers. Senior Myobrace Educator Jessica Maidman notes that ‘Children respond much better to learning from new and interesting technologies.’ The Myobrace Activities App is available on multiple platforms. (Image/Myofunctional Research)

Here in Toronto

Visit SYNCA in booth Nos. 807-811 to see how ExamVision takes magnification and lighting to the highest level.

Senior Myobrace Educator Jessica Maidman notes that ‘Children respond much better to learning from new and interesting technologies.’ The Myobrace Activities App is available on multiple platforms. (Photo/Provided by SYNCA)

Myofunctional Research Co. (MRC) regularly hosts seminars that provide practitioners with hands-on experience in learning new myofunctional techniques for the treatment of malocclusion, dysfunctional breathing and TMJ disorders as well as the implementation of eLearning tools in almost any practice.

Visit www.myoresearch.com to find a seminar near you or learn more about the Myobrace Member and Certified Provider programs.

Reference

1. American Journal of Orthodontics & Dental Orthopedics 2016; 150: 937-44

(Source: Myofunctional Research)
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