New high-tech electric handpiece delivers ease, power and control

Midwest E joins DENTSPLY Canada’s handpiece lineup

By DENTSPLY Canada Staff

Recent advancements in technology have made electric handpieces an increasingly popular choice among dentists across North America. Compared with traditional air-turbine instruments, electric handpieces provide the dentists with several benefits, including constant power and torque and adjustable bur speeds for a broad range of applications.

One of the smallest and lightest electric motors offered today

The Midwest E Electric Handpiece System is the latest electric handpiece system available on the market and includes the powerful Midwest E motor, which weighs only 59 grams and measures 1.25 inches – one of the smallest and lightest electric motors offered today. It is designed to deliver constant torque for smooth, quiet operation. It won’t stall under load, which can help shorten chair time and procedural efficiency. Autoclavable for easy infection control, the Midwest E motor features an “E” type attachment and spins up to 40,000 RPM.

Field-replaceable hose and a quick-disconnect feature

The Midwest E system also offers a field-replaceable hose, which helps avoid clinical delays due to service calls. Its stainless-steel connector is compatible with most dental units and the ergonomic 360-degree swivel feature increases operator comfort.

Whether it’s operating in the high-speed, low-speed or endo settings, the Midwest E cuts quickly and efficiently. A quick-disconnect feature makes it easy to change attachments.

In endo mode, three torque-stop options are available, so it is an important feature for offices that perform endo procedures regularly – or for practices that plan to in the future.

Two-year warranty on system, three years on attachments

The Midwest E comes with a three-year warranty on the system and a two-year warranty on attachments (extended to 30 months when attachments are maintained with the Midwest Automate Maintenance Unit). Come and try the new Midwest E Electric Handpiece in booth No. 1503 in the exhibit hall and receive a free gift compliments of DENTSPLY Canada.

You can contact the Woodbridge, Ontario-based company at (800) 263-1437, or you can visit the company online at www.dentsply.ca.
INTRODUCING

NEW! Unit Dose Capsules

For even more convenient dispensing and to help promote asepsis.

- Stops gingival bleeding and seepage that may interfere with impression taking.
- Fast-acting.
- Light green color makes the material easy to detect.
- Fraction of the cost of other retraction materials.
- Great for tissue management when seating restorations, placing rubber dam clamps (controlling bleeding), bleaching teeth (to manage moisture) and restoring subgingival cavities.

CREATE A DRY WORKING ENVIRONMENT EVERY TIME.

Dryz™ is terrific for use alone or in conjunction with retraction cord or compression caps. Dryz is fast-acting in stopping gingival bleeding and seepage from crevicular fluid that may interfere with impression taking.

The light green color of Dryz contrasts nicely with gingiva, blood and tooth structure, making it easy to detect where the material has been placed. Dryz is quickly removed with an air/water syringe and leaves no residue to interfere with impressions or seating of restorations.

USING DRYZ IS A BREEZE!

Prior to taking your impression, rinse and dry the prep. Isolate the area and simply syringe Dryz into the sulcus directly from the syringe (we don't make you purchase a special dispensing gun to extrude the material). Dryz will create a nice space between the gingival tissue and tooth surfaces while controlling any bleeding with its aluminum chloride content.

Dryz is also great for tissue management when you're seating permanent crowns or bridges, placing rubber dam clamps, bleaching teeth and restoring subgingival cavities. It controls seepage that may contaminate a sensitive, restorative material, allowing you to do optimal restorative dentistry.

TRY IT RISK-FREE TODAY!

- **NEW** Dryz™ Unit Dose Capsules (5183) .............. CAN $84.50
  - Includes 30 unit dose capsules (0.24 glucopaste). Fits most Centrix® dispensers (required & not included).
- **Dryz™ Gingival Hemostatic Retraction Paste (5492) ... CAN $97.60
  - Includes 7 syringes and 15 applicator tips.
- **Dryz™ Value Pack (5182) .................. CAN $200.00
  - Includes 25 syringes and 50 applicator tips
  - Some doctors & dentists prefer this Value Pack.
- **Dryz™ Luer Lock Applicator Tips, 40 pieces (5181) ........ CAN $33.80

Order direct for a 45-DAY RISK-FREE TRIAL!

1-800-243-7446 • www.parkell.com

*If you’re not satisfied, call us within 45 days. We’ll have it picked up at our expense, and you get a full refund—including your original ground shipping charges. (Express shipping will not be reimbursed). Trial offer valid only when product is purchased directly from Parkell, Inc. ©2016 | 084344LX
Leading hybrid injectable also now in tips

Shofu Dental Corp. is holding product demonstrations at booth No. 1902, featuring its injectable hybrid restorative, BEAUTIFIL Flow Plus, now available in tips. Dentists will now have this preferred flowable in their fingertips.

BEAUTIFIL Flow Plus combines hybrid-like strength and functionality, unique handling and stack ability and a flowable delivery, according to the company. Additionally, the material has 15 percent more radiopacity than enamel and offers the benefit of fluoride release and recharge ability. Those interested in seeing the material firsthand are encouraged to come check it out at the Shofu booth.

According to Shofu, BEAUTIFIL Flow Plus represents the next step in the evolution of restorative materials based on its convenient flowable delivery system and physical properties and functionality that rival leading hybrid composites.

Unlike other flowables, BEAUTIFIL Flow Plus has stay-put handling and physical properties that allow use on the occlusal surface and marginal ridge, eliminating the need to pack a hybrid composite on top.

Smooth, self-leveling

A flowable base, liner and final restorative material, BEAUTIFIL Flow Plus is approved for all indications (Class I-V). With a smooth, self-leveling consistency, the material leaves a tight marginal seal on the bottom and a smooth, ready-to-polish surface on top. Moreover, Shofu’s proprietary S-PRG (surface pre-reacted glass) technology provides sustained fluoride release and recharge that can’t be found in any other composite material, according to the company.

BEAUTIFIL Flow Plus is available in two distinct viscosities. F00 (zero flow) offers precision stacking, and F03 (low flow) is an ideal base/liner.

Opportunity to sample with two introductory kits

BEAUTIFIL Flow Plus is available in two introductory kits. The standard kit (PN 2000S) offers two 2.2-gram syringes of both viscosities in shades A2 and A3, and the pedo kit (PN 2000P) offers two 2.2-gram syringes in both viscosities in shades A1 and bleach white.

Both kits also contain samples of Shofu’s top-selling products, including the seventh-generation bonding agent BeautiBond, One Gloss, Super Snap and Shofu’s hybrid material, BEAUTIFIL II. The kit retails for $102.25 (a $160 value). Also available in shades B1, B2, and C2 in both viscosities.

Stop by the Shofu booth, No. 1902, to see BEAUTIFIL Flow Plus for yourself for a product demo, or for more information, call (800) 827-4638 or visit www.shofu.com.

(Source: Shofu Dental Corp.)
EyeSpecial C-II

Visit us Booth #1902

HIPAA Compliant

Built in dental cropping grid lines to get a clear and concise image, the first time.

SMART DIGITAL CAMERA, DESIGNED EXCLUSIVELY FOR DENTISTRY

- 8 Dental shooting modes – Easier, faster and more reproducible images
- Auto focus, zoom and isolate
- Auto flash adjustment for true color
- 3.5 inch LED/LCD touchscreen – Works with exam gloves
- Water/chemical resistant – Essential for infection control in the office
- HIPAA compliant – protects patient privacy and security*


Visit www.shofu.com or call 800.827.4638

SHOFU

Scan Here for Instructional Video

Shofu Dental Corporation • San Marcos, CA
OraVerse injection is first, only local dental anesthesia reversal agent

OraVerse (phentolamine mesylate) documented to accelerate the return to normal sensation and function

- OraVerse (phentolamine mesylate) is indicated for reversal of soft-tissue anesthesia resulting from an intraoral submucosal injection of a local anesthetic containing a vasoconstrictor, following a noninvasive routine dental procedure. It accelerates the return to normal sensation and function following restorative and periodontal maintenance procedures.

  In randomized, controlled clinical trials, the median time to recovery of normal sensation in the upper lip was 50 minutes for OraVerse patients vs. 133 minutes for the control, and in the lower lip it was 70 minutes vs. 155 minutes. OraVerse is indicated for use in adults and children 6 years of age or older and weighing at least 33 pounds.

  Please consult the product monograph at www.hc-sc.gc.ca/dhp-mps/prodpharma/data_basdon/index-eng.php for contraindications, warnings, precautions, adverse reactions, interactions and conditions of clinical use.

(Source: Septodont)

Here in Toronto
You can learn more about OraVerse in the Septodont booth, No. 1124, in the exhibit hall.

Gingival hemostatic retraction paste is effective alone or with retraction cord and compression caps

Dryz stops gingival bleeding and seepage from gingival crevicular fluid that may interfere with impression taking. Dryz is not only fast-acting, but it’s also just a fraction of the cost of all other retraction materials on the market, according to the company. (Photo/Provided by Parkell Inc.)

By Parkell Staff

Dryz™ Retraction Paste from Parkell Inc. is highly effective for use alone or in conjunction with retraction cord and compression caps. Dryz stops gingival bleeding and seepage from gingival crevicular fluid that may interfere with impression taking. Dryz is not only fast-acting, but it’s also just a fraction of the cost of all other retraction materials on the market, according to the company.

**Good color contrast with gingiva**
The light green color of Dryz clearly contrasts with gingiva, blood and tooth structure, making it easy to detect where the material has been placed. Dryz is also easily removed with an air/water syringe and leaves no residue to interfere with impressions or seating of restorations.

Dryz is also highly effective for tissue management when you’re seating restorations, placing rubber dams, bleaching teeth and restoring subgingival cavities.

**Watch the video**
For more information or to order, contact Parkell at (800) 243-7446 or visit www.parkell.com.

You also can go to the Dryz URL www.parkell.com/Products/416/Dryz-Gingival-Hemostatic- Retraction-Paste. Additionally, a Dryz product video can be viewed at www.youtube.com/watch?v=cRif1vUHiZ.
Discover the truth in our vial

We’re Direct. Direct to all dentists. Direct about how we do business so you can focus on treating patients.

Our implant expertise and state-of-the-art manufacturing technology combine to create compatible solutions with enhanced features that are made to exacting tolerances. The efficiency of our processes means we can maintain consistent, fair prices free from negotiation.

We even went one step further by creating All-in-1 Packaging to help you curtail chairside surprises and track your true treatment costs.

And of course, our leading customer support is readily available online, on the phone or in your office to assist you in any way possible.

Sound too good to be true? Well, the truth is in our vial.

Set the truth free with your 3 FREE implants today

Ontario Dental Association #611

www.implantdirect.com | 888-649-6425
The centennial of the beginning of World War I, which began on July 28, 1914, and lasted until Nov. 11, 1918, was commemorated last year. In turn, this year marks the centennial of the Canadian Army Dental Corps (CADC), today the Royal Canadian Dental Corps (RCDC), which was formed shortly after recruiting efforts began in earnest for what would become known as “The Great War.”

Initially, recruitment was at a slow pace; but, as it became evident that the conflict was escalating more quickly than anticipated, the role of the recruiting offices expanded. At the same time, it became evident that many potential recruits were being rejected for dental reasons.

As a result of these expanding dental needs, efforts were undertaken to initiate a dental program to support the growing military commitment. In May 1915, the Canadian Army Dental Corps was established under the professional and administrative control of the director of medical services. It grew from an initial corps of 30 dental officers, 35 non-commissioned officers (NCOs) and 40 privates to ultimately comprise 233 dental officers, 223 NCOs and 238 privates by the end of hostilities. Of those who served, 24 died in the war as a result of various injuries.

The war itself, of course, was devastating, claiming more than 9 million lives, including 65,000 Canadian military casualties. Nov. 11 has been commemorated as Remembrance Day since 1931.

As with the war in general, the formation and expansion of the Canadian Army Dental Corps was based not only on needs as they arose, but also on unexpected developments. Many of the changes that came into fruition were planned — while many others were altered as required by circumstance.

CADC: ‘A very perfect dental organization’

In testament to the validity and efficacy of the well-oiled machine the corps became, a consultant with the British Army, Sir Cuthbert Wallace, said at the war’s end: “The Canadians had a very perfect dental organization.” He also expressed the opinion that the British service might well copy the Canadians.

At the onset of WWI, the intent was to attach dental officers to military medical units but, in practice, that did not occur. However, in August 1915, dental officers were permanently attached to field hospitals. In that capacity they served in Canada before embarkation to Europe and also served in Europe. They served in hospitals in the U.K., as well as at or near the front lines in France, Greece, Italy and Belgium.

CADC personnel eventually performed a number of functions:
• Dental inspections of all Canadian soldiers on arrival in England.
• Dental inspections of all returning soldiers before embarking for Canada.
• Provision of normal preventative dental care.
• Treatment of wounds and trench mouth.
• Care for reconstruction surgery in special clinics.

In January 1947, the Canadian Army Dental Corps was redesignated the Royal Canadian Dental Corps. In 1968, as a result of what some considered an ill-conceived merger of the three services (Army, Air Force, Navy), the Royal
Canadian Dental Corps was renamed the Canadian Forces Dental Service. In October 2013, the designation of Royal Canadian Dental Corps was reinstated. From a historical perspective, there are some who feel that the RCDG is descended from the first military dental service in the world.6

Some feel that Canada truly became a nation because of the extremely strong military service of our combat troops at battles such as Vimy Ridge, Ypres, the Somme7 and many others. Along this vein, the Canadian Army Dental Corps, too, was born of need. It served and continues to serve with distinction and valour.

About the author
Dr. Michael Pilon is a graduate of the McGill University Faculty of Dentistry. He has a post doctorate in public health from the University of Toronto. He served in the Royal Canadian Dental Corps for 23 years. His service posting include CFB Gagetown, Summerside, Borden, Ottawa, Chilliwack, Halifax and UN Duty in Cyprus. He served in several roles as a practitioner, instructor, base dental officer and in headquarters duties. He also earned the highly regarded Airborne Regiment Paratrooper wings.

Filon is now in private practice in Ottawa. After witnessing a desecration of the Cenotaph and the Tomb of the Unknown Soldier in Ottawa, Pilon single-handedly succeeded in ensuring that a proper and respectful environment be maintained at this monument, which is a memorial to 110,000 Canadians who gave their lives in service.

References
1. www.cda-adc.ca/_files/cda/about_cda/history/HS Part5.pdf.
2. www.canadaatwar.ca/memorial/world-war-I/regiment/1/Canadian%20Army%20Dental%20Corps/.
7. en.wikipedia.org/wiki/List_of_Canadian_battles_during_the_First_World_War.

WWI Canadian Army Dental Corps dentist and patient, 3rd Canadian Field Ambulance Dressing Station, Vlamertinghe, Belgium. (Photo/Provided by the George Metcalf Archival Collection, © Canadian War Museum)