

SHAKE UP YOUR IDEA OF CLEAN

#1

Clinicians' concern when performing endo treatment is **cleaning the canal.**¹

because **35%** or more of **canal surfaces are left untouched** after instrumentation. Yet the long-term success of an endodontic procedure depends on a clean canal.²

And a passive bleach soak takes up to **40 minutes** to effectively eliminate bacteria.³

But the median irrigation time is **2.5 minutes**,⁴ leaving bacteria that can compromise treatment.⁵

Advanced cleaning tools are the difference

Irrigation Needle

is designed to provide safe yet efficient distribution of the irrigation solution close to the apex.



SmartLite Pro EndoActivator™

promotes deep cleaning and disinfection to facilitate three-dimensional obturation and long-term success.

SmartLite Pro EndoActivator™ Technical Specifications

- More safety in each procedure: flexible, non-cutting medical grade plastic tips provide no ledging, transportation, enlargement, or shaping of the canal
- Two-speed sonic energy for your endodontic procedures (18,000 cpm + 3,000 cpm)
- Modern, multifunctional charging base: charging port and additional storage
- Intuitive battery management: quick charge mode, easy and quick connect battery exchange with audible feedback, permanent/constant availability due to easy-to-handle back-up battery
- 360° rotatable attachment for excellent clinical access convenience and ergonomics
- Lightweight, well-balanced
- Audible tones and tactile/vibration alert
- Battery status indicator in activation button
- All-metal handpiece housing for improved durability/ made of medical grade stainless steel and aluminum

SmartLite Pro Endoactivator™ Endodontic Activation System Complete Kit



644431

Handpiece • EndoActivator™ Attachment • 2 Batteries • Charging Base • Accessories Box (Power Connector, AU, EU, US, UK plug adapters, USB Cable) • IFU • Technique Card • SLP-EA Barrier Sleeves 100/pack (644434) • EA Tips Small 25/pack (644435) • EA Tips Medium 25/pack (644436) • EA Tips Medium Long 25/pack (644437)

SmartLite Pro Endoactivator™ Endodontic Activation System

644432 EndoActivator™ Attachment • IFU • Technique Card • SLP-EA Barrier Sleeves 100/pack (644434) • EA Tips Small 25/pack (644435) • EA Tips Medium 25/pack (644436) • EA Tips Medium Long 25/pack (644437)

644434 SmartLite Pro EndoActivator™ 100 Barrier Sleeves

644435 SmartLite Pro EndoActivator™ 25 Tips Small (15/02) 22 mm

644436 SmartLite Pro EndoActivator™ 25 Tips Medium (25/04) 22 mm

644437 SmartLite Pro EndoActivator™ 25 Tips Medium Long (25/04) 28 mm

644438 SmartLite Pro EndoActivator™ Attachment

Irrigation Needle Technical Specifications

- 60° angulation
- Clearly visible depth indications
- 4% taper to match the conical shape of the canal
- Back-to-back side vent design
- 30 gauge closed end tip
- 27 mm working length

Irrigation Needle 30 Gauge

B NS DSIN D22 30G Box of 40 pieces

B NS DSIN 522 30G Box of 5 pieces

WHAT ARE YOUR ENDO GOALS?

All cleaning products support your preferred treatment solution.

<p>ACHIEVING ZEN DURING A ROOT CANAL?</p> <p>CHALLENGE ACCEPTED WITH WaveOne® Gold</p>	<p>PERFORMANCE ACROSS ALL ROOT CANALS?</p> <p>CHALLENGE ACCEPTED WITH ProTaper Ultimate™</p>	<p>PRESERVE DENTIN IN IT'S NATURAL HABITAT?</p> <p>CHALLENGE ACCEPTED WITH TriNatomy</p>
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Irrigation Needle Produits Dentaires SA, Rue des Bosquets 18, CH-1800 Vevey

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DENTSPLY De Trey GmbH De-Trey-Straße 1, D-78467 Konstanz

CE 1639

2797



CLEANER CANALS FASTER? CHALLENGE ACCEPTED.



Shaping • **Cleaning** • Obturation



1. 2021 Dental Omnibus, Key Group Market Research 2. Peters, O.A., K. Schonenberger, and A. Laib, "Effects of Four Ni-Ti Preparation Techniques on Root Canal Geometry Assessed by MicroComputed Tomography." International Endodontic Journal Int Endod J 34.3 (2001): 221-30 3. Retamozo B, Shabahang S, Johnson N, Aprecio RM, Torabinejad M. Minimum contact time and concentration of sodium hypochlorite required to eliminate Enterococcus faecalis. J Endod. 2010 Mar;36(3):520-3. doi:10.1016/j.joen.2009.12.005. PMID: 20171375. 4. DiG Insights. Based on GPS' typical irrigation protocols that are performed after shaping/instrumentation but before obturation. N=201. 5. Internal data on file. For more information contact Consumables-Data-Requests@dentsplysirona.com

Technical modifications on our products are not subject to notifications. Photos of our instruments are not contractual. ©2022 Dentsply Sirona, Inc. Rx Only

IRRIGATION

CHALLENGE: DELIVER IRRIGATION CLOSE TO THE APEX



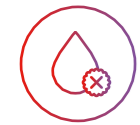
Balanced irrigation volume

Innovative side-vent design aims solution at dentinal walls rather than forcing fluid beyond the apex, while removing debris, smear layer and biofilm.



Follows natural canal shape

Soft and flexible polymer follows root canal anatomy for efficient cleaning until the apex. Atraumatic design protects hard tissue.



Leak-free efficiency

Simple Luer Lock connection

"Irrigation feels like never before! The soft and flexible polypropylene Irrigation Needle follows the canal anatomy effortlessly until the apical area and supports safe debridement. The needle makes irrigation simple, effective and even more successful."



Dr. Krishna Vyas
India



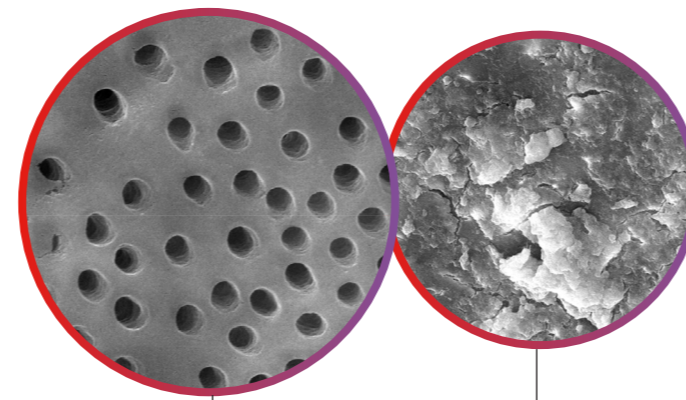
ACTIVATION

CHALLENGE: PROMOTE 3D CLEANING AND COMPLETE ENDODONTICS



Passive soaks aren't enough

Activating irrigant solution produces a surface with more opened dentinal tubules, providing better obturation of lateral and accessory canals.⁶



Treated with SmartLite Pro
EndoActivator™

Untreated



150 times higher bacteria reduction⁷

Following the protocol* SmartLite Pro EndoActivator™ provides significantly higher bacteria reduction versus one-minute bleach soak manually activated with an irrigation needle.



More effective cleaning in just 90 seconds⁷

Designed for multi-directional movement, the SmartLite Pro EndoActivator™ uses elliptical motion and increased energy for effective irrigant activation.



Use this QR code to access the scientific manual/resource page of SmartLite Pro EndoActivator

* 60 seconds combined with manually activated irrigation for 30 seconds

⁶ Kanter V, Weldon E, Nair U, et al. A quantitative and qualitative analysis of ultrasonic versus sonic endodontic systems on canal cleanliness and obturation. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2011;112(6):809-813. doi:10.1016/j.tripleo.2011.06.002 ⁷ Internal data on file. For more information contact Consumables-Data-Requests@dentplysirona.com



"SmartLite Pro EndoActivator™ moves fluids much more efficiently. When you're looking through a microscope, you can literally see the difference in the cleanliness of the fluids that are coming out of there. It's just loaded with debris. So if you just think of this as turning on your washing machine, it does so much more in 30 seconds than you can do just sitting there soaking."



Michael W. Nimmich
DMD, MS

Activating irrigants produces a surface with more opened dentinal tubules, allowing for better obturation of lateral and accessory canals.⁶

AND MEET THE FAMILY.

The SmartLite® Pro modular system supports a variety of clinical procedures.

The EndoActivator™ attachment boosts your cleaning efficacy vs. bleach soak

The **Curing light** tip's state of the art optics provide leading quality of cure for reliable outcomes

The **Transillumination** tip reveals endodontic access points, cracks and interproximal caries



Dentply
Sirona