

TruNatomy™

A total solution to respect
the true, natural anatomy.

Introducing a complete system
for Dentin-Preservation Endodontics

dentsplysirona.com/trunatomy



Why TruNatomy™?

The Challenge: Preserving Structural Dentin and Tooth Integrity

Studies show that canal instrumentation can factor into compromising tooth structure.¹ For more than 30 years, endodontic research has supported the need to keep the foramen size as small as practical.²

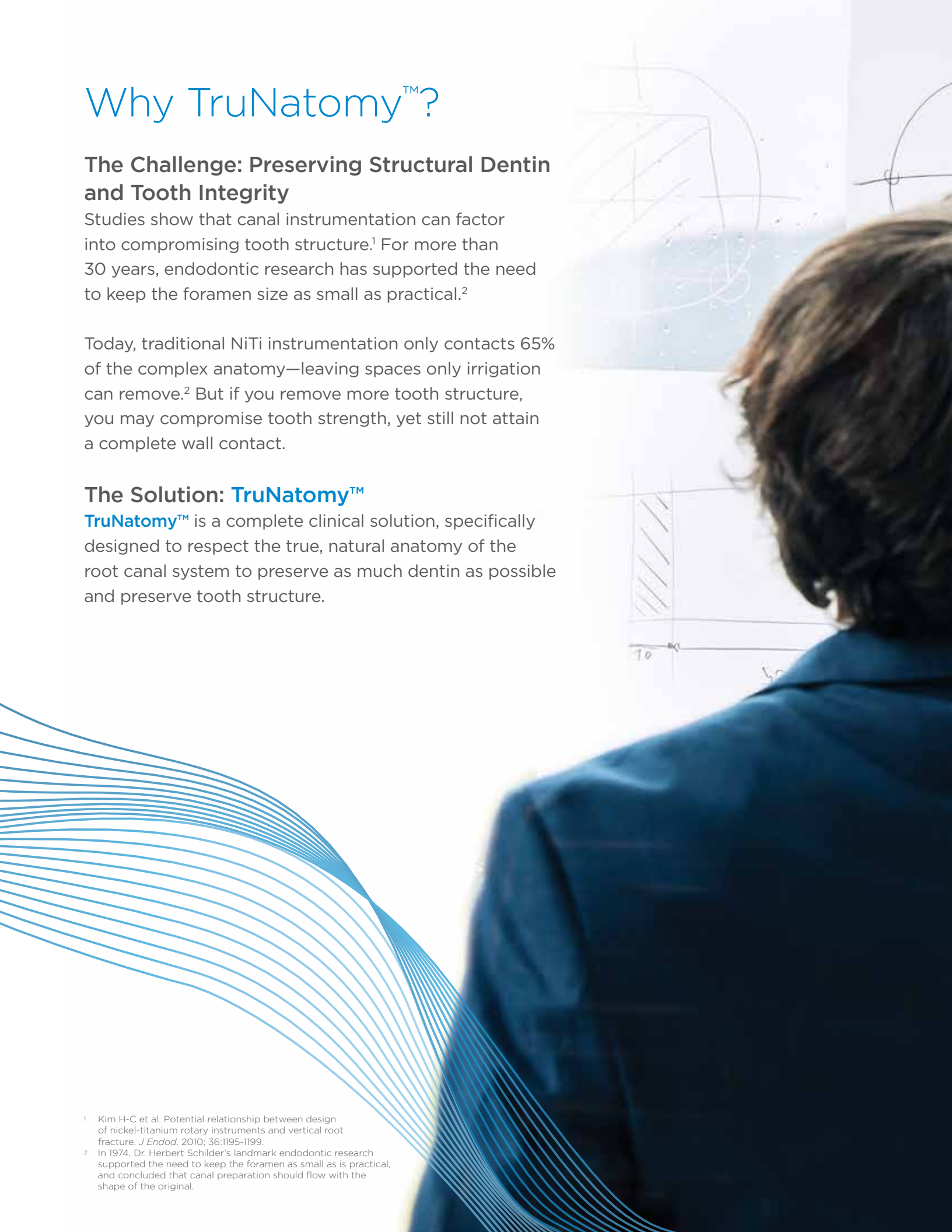
Today, traditional NiTi instrumentation only contacts 65% of the complex anatomy—leaving spaces only irrigation can remove.² But if you remove more tooth structure, you may compromise tooth strength, yet still not attain a complete wall contact.

The Solution: TruNatomy™

TruNatomy™ is a complete clinical solution, specifically designed to respect the true, natural anatomy of the root canal system to preserve as much dentin as possible and preserve tooth structure.

¹ Kim H-C et al. Potential relationship between design of nickel-titanium rotary instruments and vertical root fracture. *J Endod.* 2010; 36:1195-1199.

² In 1974, Dr. Herbert Schilder's landmark endodontic research supported the need to keep the foramen as small as is practical, and concluded that canal preparation should flow with the shape of the original.





Cutting



75%
50% 50%
100%

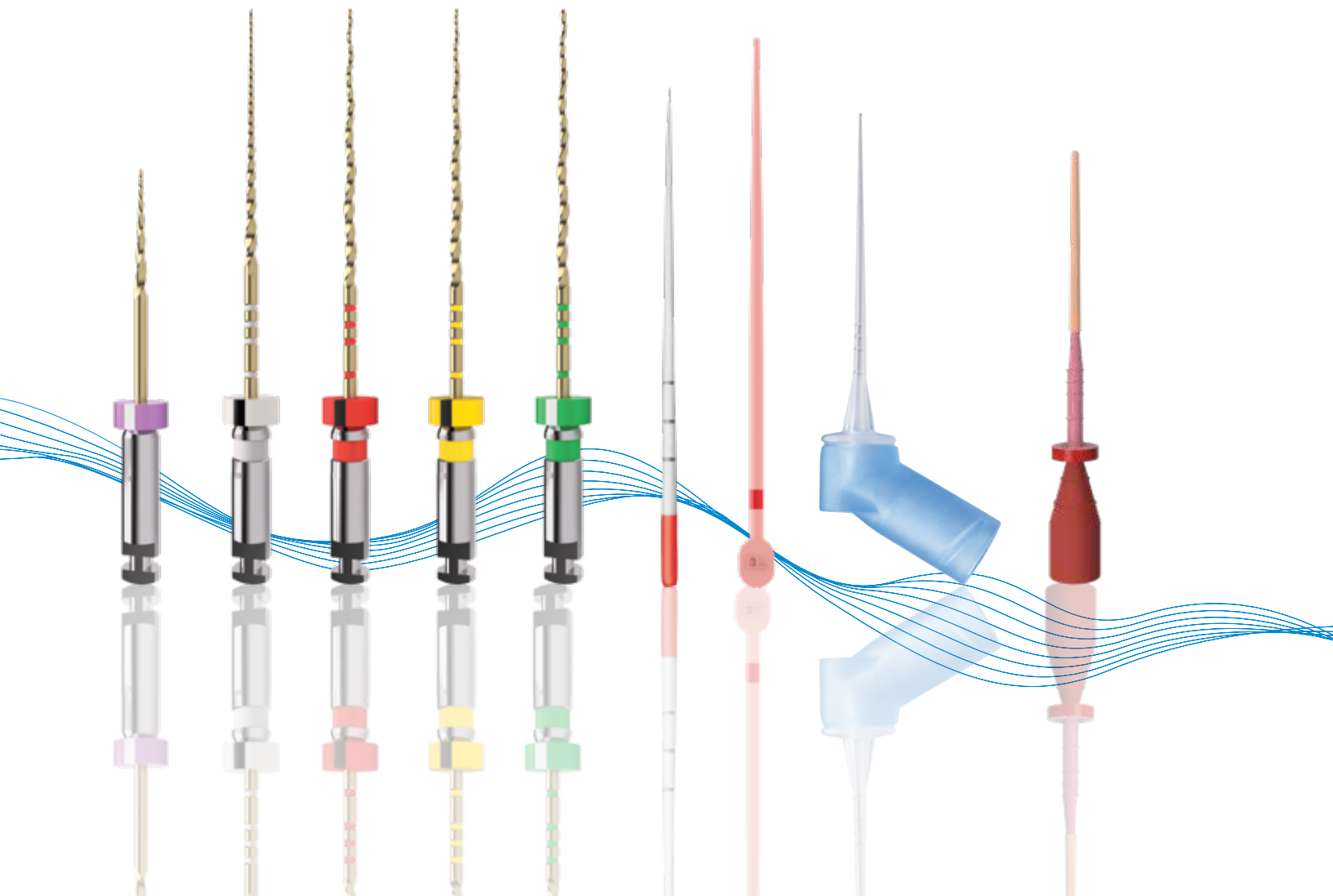
TruNatomy™ is the latest innovation from Dentsply Sirona—a whole new way to shape, irrigate and obturate the complex anatomy of the root canal system.

It's a **complete clinical solution** designed to respect the true, natural anatomy of the root canal system—featuring an intuitive file system with:

- Orifice modifier (Purple)
- Rotary glide path file (White)
- Single shaping file (Red)
- Two additional shaping instruments for smaller and larger canals (Yellow and Green)

The **TruNatomy™** system is complemented by corresponding paper points and gutta-percha points, as well as a flexible irrigation needle.

This combination of file geometry, regressive tapers, and a slim, highly flexible wire enables efficient root canal shaping.





The result?
More dentin
preserved.
Appropriate
shaping,
irrigation, and
obturation
ensured.

Courtesy of Ahmed B. Salman, BDS, DDS

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After treating cases with **TruNatomy™**, I found this file system to be **very efficient in the cleaning and shaping of complex anatomy while conserving dentin.**

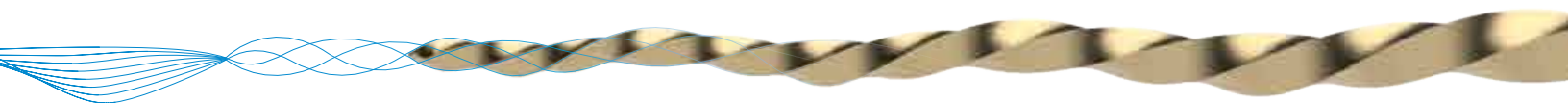
With just a few files, the canals were cleaned thoroughly and provided great results.

Jason Glassley, DDS, Fort Wayne, IN

The TruNatomy™ solution is outstanding for difficult endodontic cases. Using only three or four files is all you need—even for the most challenging teeth. The matching gutta-percha is a time-saver.

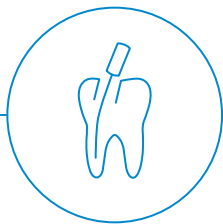
Timothy A. Wong, DDS, Sacramento, CA

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Experience TruNatomy™: Here's how the system works together.

The prognosis of root-filled teeth depends on the success of the endodontic treatment and the amount of remaining dentin tissue.^{3,4} While it's now possible to preserve more of the structural dentin, **TruNatomy™** meets the resulting challenge of how to irrigate and obturate those narrow preparations properly.



SHAPING

TruNatomy™ Orifice Modifier:

- Creates the ideal entry point because it maintains the natural shape without removing excessive amounts of tooth structure



TruNatomy™ Orifice Modifier



TruNatomy™ Glider:

- Confirms the path for rotary files to follow— conforms and maintains the natural canal shape in complex anatomy⁵



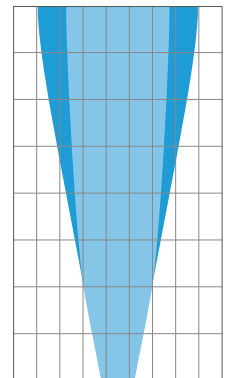
TruNatomy™ Glider

TruNatomy™ Shaping Files:

- Shape the canal as small as is practical
- 0.8mm maximum flute diameter for dentin preservation
- Pre-curvedable
- 9.5mm handle



TruNatomy™ Shaping File - PRIME
(Also available in **SMALL** and **MEDIUM**)




● TruNatomy™ Prime

● Generic regressive tapered file

³ Ng et al. Tooth survival following non-surgical root canal treatment: a systematic review of the literature. *Int Endod J.* 43:171-189.

⁴ Kishen A. Mechanisms and risk factors for fracture predilection in endodontically treated teeth. *Endodontic Topics.* 2006; 13:57-83.

⁵ Per initial indications from clinicians - "...very efficient in the cleaning and shaping of complex anatomy while conserving dentin." Jason Glassley, DDS, Fort Wayne IN.



TruNatomy™ preserves as much dentin as possible—and offers a complete solution, including matching irrigation and obturation.

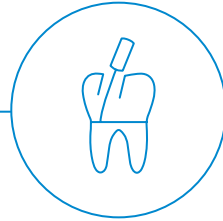


IRRIGATION

TruNatomy™ Irrigation Needle*:

- Critical to remove bacteria and debris because only 65% of the canal is touched with rotary files⁶
- Soft, plastic needle can curve and flex with ease, reaching difficult anatomy
- Two-sided vent for safety
- Atraumatic for hard tissue

The **EndoActivator®** small tip (15.02) agitates the irrigation solutions during endodontic treatment to enhance deep cleaning and disinfection.



OBTURATION

TruNatomy™ Absorbent Points:

- Tapered to dry **TruNatomy™** shapes
- In sterile packs, ready to use
- Color-coding adapted sizes for convenient use



Absorbent Points **PRIME**
(Also available in **SMALL** and **MEDIUM**)

TruNatomy™ Conform Fit™ Gutta-Percha Points:

- 40% more consistent in shape than traditional gutta-percha
- Specifically designed for **TruNatomy™**
- Heat transfers up to 5mm beyond the heat source
- Not made with natural rubber latex



Gutta-Percha Points **PRIME**
(Also available in **SMALL** and **MEDIUM**)

GuttaCore® for TruNatomy™:

- Sized and color-coded to precisely match the TruNatomy File system so you can shape and obturate with confidence
- Features a cross-linked gutta-percha core that sends the surrounding warm, flowable gutta-percha three-dimensionally to follow the natural canal anatomy
- Offers the ease of a single insertion, so your patients spend less time in your chair.
- Available in 5 pack and 25 pack. Each blister of 5 contains one size verifier.



*Not currently available in Canada.

⁶ Peters OA, Schonenberger, and Laib A. Effects of Four Ni-Ti Preparation Techniques on Root Canal Geometry Assessed by Micro Computed Tomography. *Int Endod J.* 34.3 (2001):221-30.



Product References

TruNatomy™ ORIFICE MODIFIER



TRNOM16 TruNatomy™ Orifice Modifier 16mm x3

TruNatomy™ GLIDER



TRNGLIDE21 TruNatomy™ Glider 21mm x3
 TRNGLIDE25 TruNatomy™ Glider 25mm x3
 TRNGLIDE31 TruNatomy™ Glider 31mm x3

TruNatomy™ SHAPING FILE - SMALL



TRNSMALL21 TruNatomy™ Small 21mm x3
 TRNSMALL25 TruNatomy™ Small 25mm x3
 TRNSMALL31 TruNatomy™ Small 31mm x3

TruNatomy™ SHAPING FILE - PRIME



TRNPRIME21 TruNatomy™ Prime 21mm x3
 TRNPRIME25 TruNatomy™ Prime 25mm x3
 TRNPRIME31 TruNatomy™ Prime 31mm x3

TruNatomy™ SHAPING FILE - MEDIUM



TRNMEDIUM21 TruNatomy™ Medium 21mm x3
 TRNMEDIUM25 TruNatomy™ Medium 25mm x3
 TRNMEDIUM31 TruNatomy™ Medium 31mm x3

TruNatomy™ ASSORTMENT



TRNAST21 TruNatomy™ Assortment 21mm x5
 TRNAST25 TruNatomy™ Assortment 25mm x5
 TRNAST31 TruNatomy™ Assortment 31mm x5

TruNatomy™ SEQUENCE



TRNSQC21 TruNatomy™ Sequence 21mm x3
 TRNSQC25 TruNatomy™ Sequence 25mm x3
 TRNSQC31 TruNatomy™ Sequence 31mm x3

TruNatomy™ IRRIGATION NEEDLE*



TRNIN30G40 TruNatomy™ Irrigation Needle 30 Gauge x40

TruNatomy™ ABSORBENT POINTS



TSTTNP000SML TruNatomy™ Absorbent Points Small x180
 TSTTNP000PRM TruNatomy™ Absorbent Points Prime x180
 TSTTNP000MED TruNatomy™ Absorbent Points Medium x180
 TSTTNP000AST TruNatomy™ Absorbent Points Assortment x180

TruNatomy™ CONFORM FIT™ GUTTA-PERCHA POINTS



T00TNGPF00SML TruNatomy™ Conform Fit™ Small x60
 T00TNGPF00PRM TruNatomy™ Conform Fit™ Prime x60
 T00TNGPF00MED TruNatomy™ Conform Fit™ Medium x60
 T00TNGPF00AST TruNatomy™ Conform Fit™ Assortment x60

GuttaCore® for TruNatomy™ Gold



TRNGC5 GuttaCore for TruNatomy™ 5 pack x 5
 TRNGC25 GuttaCore for TruNatomy™ 25 pack x25

GuttaCore® Oven



HTR-WO GuttaCore® Oven

ProMark



PMKEM1 ProMark® Endodontic Motor

X-Smart IQ™



XSIQEM1BSK X-Smart IQ™ Basic Starter Kit
 X-Smart IQ Motor Handpiece
 X-Smart IQ 6:1 Contra Angle
 Endo IQ iPad mini™ Protective Case

X-Smart IQ™ Endodontic Handpiece Set

X-Smart IQ™ Endodontic Handpiece Set
 X-Smart IQ Motor Handpiece
 X-Smart IQ 6:1 Contra Angle

Visit us at dentsplysirona.com/endo to find out more.
 Or call your Dentsply Sirona Endodontic Consultant for more information.
 1-800-662-1202

*Not currently available in Canada.

