
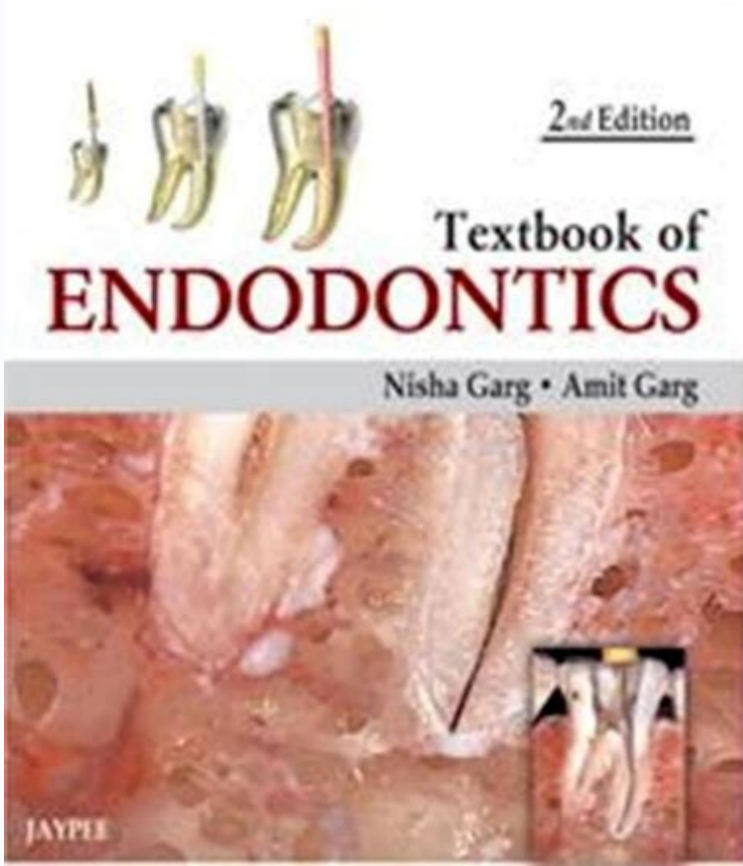
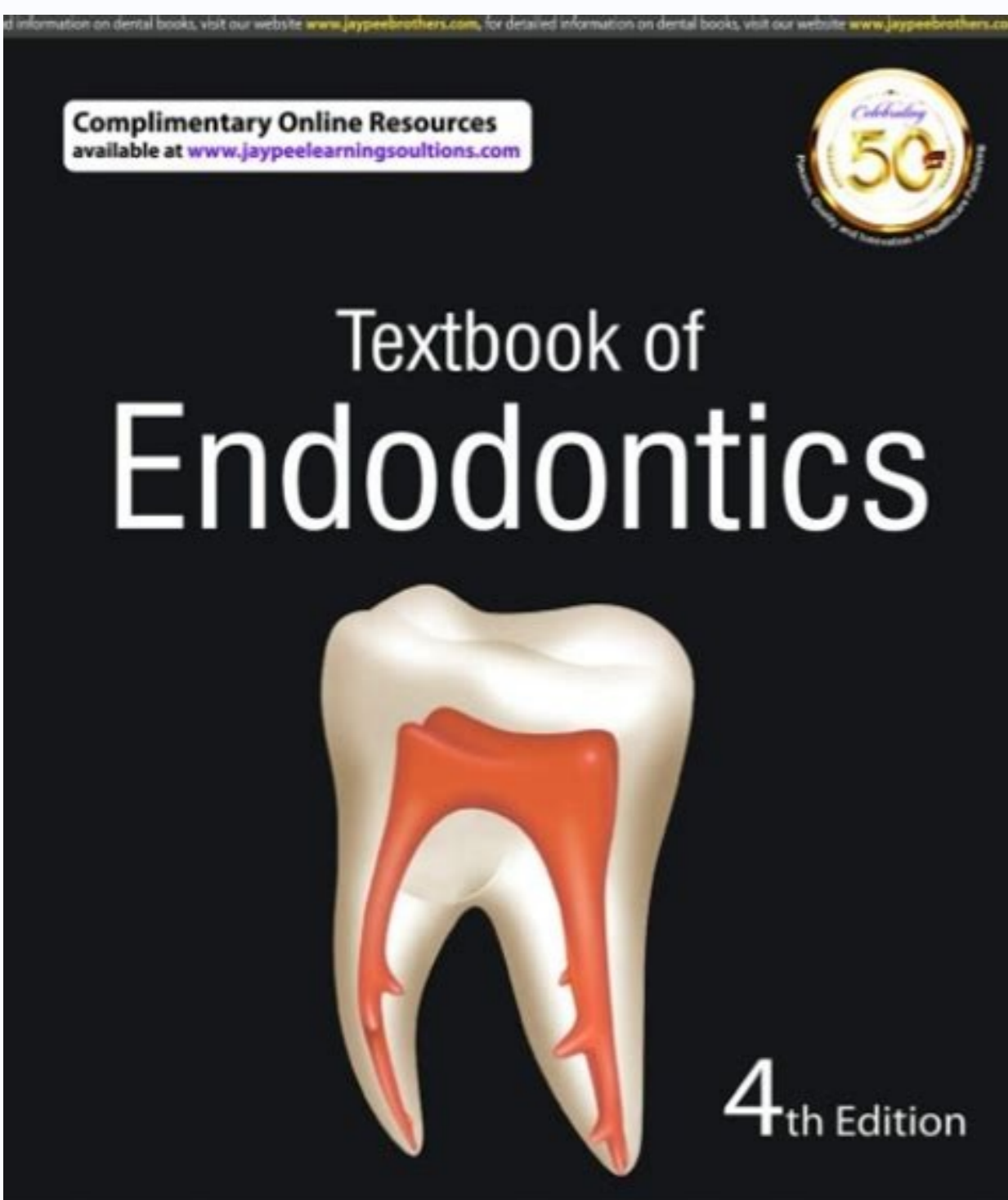
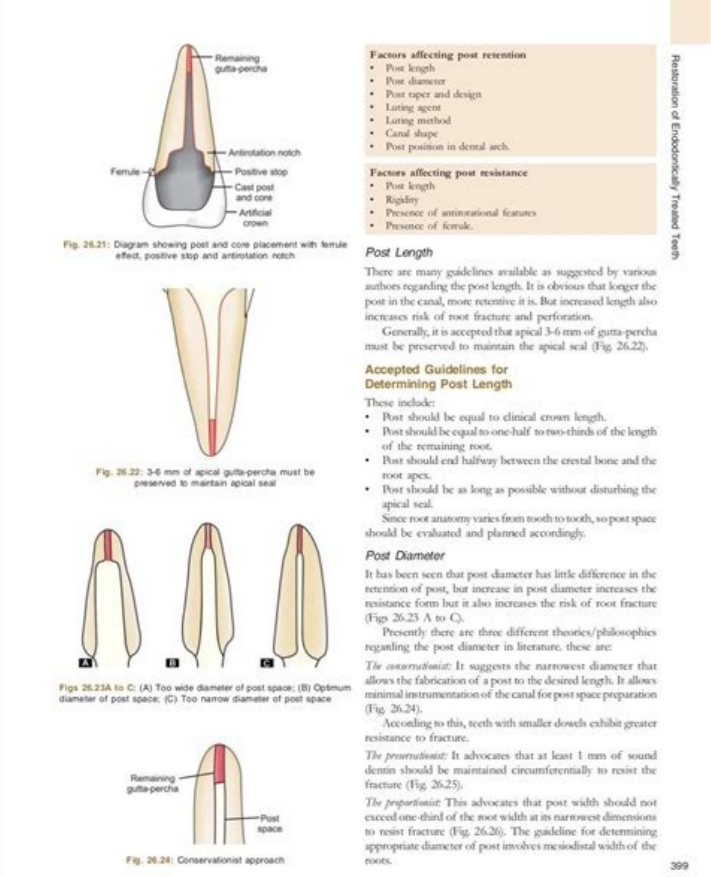
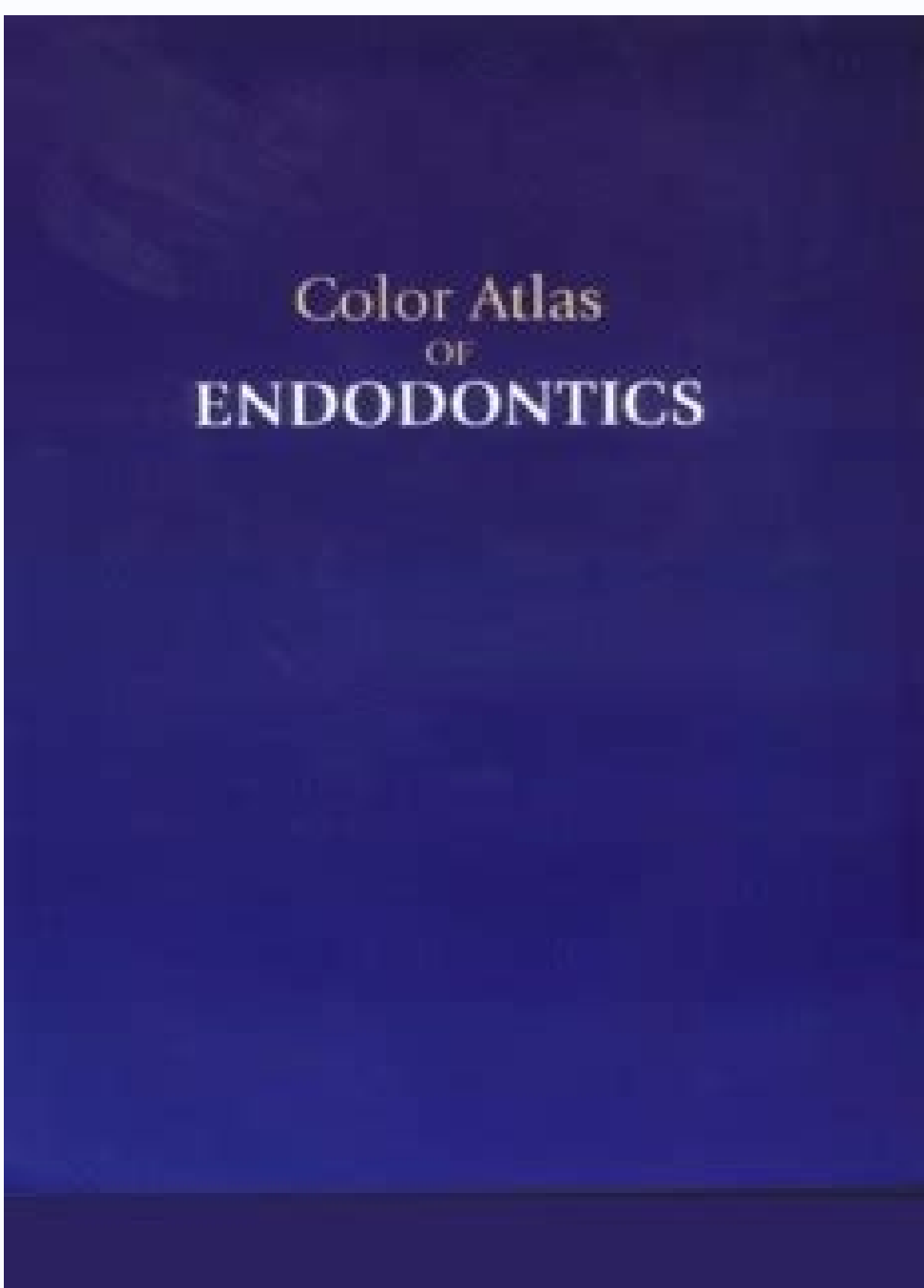


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It's the color of optimum performance - with greater resistance to cyclic fatigue, increased torque strength, and reduced shape memory while conforming to natural curvatures. It's more than a shade better. The distinctive color of Vortex Blue rotary files is a visible titanium oxide layer resulting from a proprietary processing of NiTi wire for optimum performance. ProTaper Next rotary files use the same trusted rotary action as original ProTaper. The blue standard is here. Created with Sketch. Our commitment to innovation is exemplified in our endodontic file options. Made with advanced metallurgy, WaveOne Gold endodontic files are part of a complete solution providing Streamline the shaping technique and save time for you and your assistant. Accommodate multiple canal anatomies with four available file sizes. Sterile and ready for single-use, which preserves cutting efficiency, reduces breakage and prevents cross-contamination WaveOne Gold endodontic files are part of a complete solution providing comprehensive treatment to promote confidence and a predictable shape. Created by potrace 1.15, written by Peter Selinger 2001-2017 Created with Sketch. The result is the predictable ProTaper shape you expect - with greater procedural efficiency.* Internal testing. Developed with proprietary advanced metallurgy, ProTaper Gold rotary files deliver greater flexibility, yet with the trusted, predictable ProTaper performance that's more brilliant than ever. Reciprocating & rotary files Dentsply Sirona has been committed to serving dental professionals and advancing endodontics through innovation for over one hundred years. Creates the ideal entry point because it maintains the natural shape without removing excessive amounts of tooth structure. The next evolution of the world's leading file system is here in ProTaper Next. Refined by science. Click below to learn more about this revolutionary new solution for minimally invasive root canal procedures. Confirms the path for rotary files to follow-conforms and maintains the natural canal shape in complex anatomy.2 Shape the canal as small as is practical 0.8mm maximum flute diameter for dentin preservation Pre-curved 9.5mm handle TruNatomy is part of a complete solution that includes files and corresponding-sized paper points, gutta-percha points, and GuttaCore obturators, as well as a specially designed flexible irrigation needle. You can count on the same ProTaper efficiency and variable taper performance you know and trust from ProTaper Universal and now, that performance and more continues in ProTaper Next. TruNatomy is a minimally-invasive complete clinical solution that's designed to respect the true, natural anatomy of the root canal system by preserving as much dentin and tooth structure as possible. It's everything you love about the original ProTaper, with added refinements to improve performance. Known for their shape memory, standard NiTi files continually try to revert to their original straight state. ProTaper Next features a variable taper performance but adds an off-centered, rectangular cross-section for increased file strength. Then, ProTaper Gold finishing files provide the trusted deep shapes that promote 3D cleaning and filling root canal systems. Additionally, ProTaper Gold files: Provide more than twice the resistance to cyclic fatigue as ProTaper Universal3 Allow improved accessibility to teeth via a preferred shorter

handle Follow each canal's unique curvature due to advanced proprietary processing ProTaper Gold endodontic files are part of a complete solution providing comprehensive treatment to promote confidence and predictable shape. Click below to learn more about the full family of products. As a result, only two points of the rectangular cross-section touch the canal wall at a time. Created with Sketch. J Endod. The improved system is based on the revolutionary WaveOne concept of a single file, reciprocating shaping technique which utilizes unequal clockwise and counterclockwise angles for increased safety and speed over using multiple rotary files to achieve the same final shape.1 We then enhanced the design features using input from industry-leading endodontists and optimized the tip diameters, tapers, and the cross-section to produce a file that greatly improves safety, efficiency, and flexibility when preparing canals. Achieve the critical glide path step in the instrumentation process with ease and allow for the smooth, safe movement of all subsequent instruments using the innovative products below. ProTaper Gold rotary files feature the same exact geometries as ProTaper Universal, but offer an increase in flexibility. The proprietary processing of Vortex Blue rotary files reduces shape memory. We are committed to empowering dental professionals with top of the line instruments and equipment. First, ProTaper Gold shaping files pre-enlarge canals and are designed to be used with the same familiar outstroke brushing technique as ProTaper. Created with Sketch. 2006 Jan;32(1):61-5. Featuring the same patented variable helical angle design as ProFile Vortex, Vortex Blue offers the outstanding efficiency and flexibility you have come to expect from Vortex rotary files with a changing flute pattern versus the typical uniform fluting approach. Step up to innovation at its best with Vortex Blue family of products including paper points, gutta-percha points, obturators and more. Learn more about the differences of ProTaper Next and the complete assortment of coordinating products by clicking below. Created with Sketch. Created with Sketch. But the real differences become apparent when you try Vortex Blue rotary files for yourself. Our industry-leading endodontic products include rotary and reciprocating files, hand files, barbed broaches, file organizers, and much more. 339-344,2008 2. For anyone performing endodontic procedures, the right files are essential. For smaller or larger canals, there are also two additional shaping file sizes available, each complemented by precision-matched irrigation and obturation materials. 3. 1. Shen Y, Cheung GS, Bian Z, Peng B. Comparison of defects in ProFile and ProTaper systems after clinical use. Explore the latest innovations in machine-driven files to reduce the risk of cyclical and torsional failure with these complete product families. Yared, G. Canal preparation using only one NiTi rotary instrument: preliminary observations. Int Endod J 41:4. pp. As the market leader in endodontic solutions, we deliver confidence and predictability to your clinical procedures, so you can serve your patients day in and day out. What's different is how the file moves down the canal. ProTaper Next's AR Motion allows you to achieve a fully tapered canal with fewer files. Additionally, WaveOne Gold files. Increase patient safety,* while reducing time across a wide variety of cases.** Cover a wider* range of canal morphologies Shorten the shaping time Optimize your shaping preparation with a single reciprocating glide path file that is part of the WaveOne Gold solution. Rectangular cross-section design for greater strength Unique Asymmetric Rotary (AR) Motion that further enhances ProTaper canal shaping efficiency Proven M-Wire NiTi alloy for increased flexibility and resistance to cyclic fatigue Sterile and ready for single-use, which preserves cutting efficiency, reduces breakage and prevents cross-contamination Built on performance. Moreover, to complement our wide selection of files, we offer a complete endodontic solution with system-matching obturators, gutta-percha points, and absorbent paper points developed where each taper size matches the shape created by the ProTaper Gold instruments. Created with Sketch. Created with Sketch. Created with Sketch. Per initial indications from clinicians - "...very efficient in the cleaning and shaping of complex anatomy while conserving dentin." Jason Glassley, DDS, Fort Wayne IN. Created with Sketch. Once in the canal, Vortex Blue follows the natural curvature of the tooth providing an superior advantage in curved canals. Please contact us for more information about Endodontics. PDF Created with Sketch. In particular, the WaveOne Gold, TruNatomy, and ProTaper Next portfolios of endodontic products and files includes pre-sterilized products, helping with important infection prevention measures and providing peace of mind to staff and patients alike. Created with Sketch. Whether you're cleaning canals before turning the job over to machine-driven files, completing the final canal prep before obturation, or even compacting obturation materials—the hand files below will help you get the job done with confidence. In addition, all TruNatomy files are sterile and ready for single-use, which preserves cutting efficiency, reduces breakage and prevents cross-contamination.

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