



PRESS RELEASE

FKG Dentaire introduces the revolutionary **XP-endo® Rise** sequence, including a single shaping file that replaces up to five others. It's proven to make procedures faster, safer and more efficient.

La Chaux-de-Fonds, Switzerland, September 2022.

XP-endo® Rise sequence: one branded glidepath, one shaping file, one straightforward procedure

FKG has introduced **XP-endo® Rise** - the evolution of innovative shaping solution XP-endo.® Also new is a glidepath 015/.04: **XP-endo® Rise Glider**, based on the RACE® EVO design, and a new Shaper: **XP-endo® Rise Shaper**.

XP-endo® Rise Shaper has a redesigned tip that delivers a proven increase in predictability and control. Like the current XP-endo® Shaper, the instrument adapts to the canal's natural anatomy¹, facilitates debris removal², increases overall disinfection of the canal³, and shortens treatment time⁴. It also offers superior resistance to cyclic fatigue and superior flexibility vs. other rotary files¹.

To simplify and facilitate treatments, FKG introduces a new **XP-endo® Rise Sequence** combining **XP-endo® Rise Glider** and **XP-endo® Rise Shaper** in the same blister. This short sequence of two files only for Glidepath + Shaping ensures predictability, a minimum 030/.04 preparation in 8 /+3 strokes, and a straightforward procedure. In primary treatment, it also allows multiple use in up to 8 standard root canals.

For retreatment, FKG introduces a new sequence **XP-endo® Rise Retreatment** combining **DR1**, **XP-endo® Rise Shaper** and **Finisher R**. This sequence simplifies retreatments, optimizes removal of root filling material⁵, and reduces procedure time^{6,7}.

Finisher and Finisher R: new name, same safe, efficient cleaning

FKG renames its solutions for 3D cleaning of the root canals. XP-endo® Finisher is now called **Finisher**, and XP-endo® Finisher R is renamed **Finisher R**. This is because the two instruments are compatible with all shaping solutions, FKG or non-FKG. No change has been made to the files themselves.



Finisher and **Finisher R** are mechanical instruments for enhanced cleaning and disinfection of canals. **Finisher** and **Finisher R** provide excellent resistance to cyclic fatigue¹. They leave walls cleaner than other available systems. Added to the treatment procedure, **Finisher** offers up to 98% bacteria reduction in the main canal space⁸. In retreatment, **Finisher R** is up to 2x more effective than Passive Ultrasonic Irrigation in reducing remaining root filling materials⁵.

Sources:

- 1) Bench test data on file at FKG SàRL
- 2) Zhao Y, Fan W, Xu T, Tay FR, Gutmann JL, Fan B. Evaluation of several instrumentation techniques and irrigation methods on the percentage of untouched canal wall and accumulated dentine debris in C-shaped canals. *Int Endod J.* 2019;52(9):1354-1365. doi:10.1111/iej.13119
- 3) Siddique R, Nivedhitha MS, Ranjan M, Jacob B, Solete P. Comparison of antibacterial effectiveness of three rotary file system with different geometry in infected root canals before and after instrumentation-a double-blinded randomized controlled clinical trial. *BDJ Open.* 2020;6:8. Published 2020 Jun 8. doi:10.1038/s41405-020-0035-7
- 4) Azim AA, Piasecki L, da Silva Neto UX, Cruz ATG, Azim KA. XP Shaper, A Novel Adaptive Core Rotary Instrument: Micro-computed Tomographic Analysis of Its Shaping Abilities. *J Endod.* 2017;43(9):1532-1538. doi:10.1016/j.joen.2017.04.022
- 5) De-Deus G, Belladonna FG, Zuolo AS, et al. XP-endo Finisher R instrument optimizes the removal of root filling remnants in oval-shaped canals. *Int Endod J.* 2019;52(6):899-907. doi:10.1111/iej.13077
- 6) AlOmari T, Mustafa R, Al-Fodeh R, El-Farraj H, Khaled W, Jamleh A. Debris Extrusion Using Reciproc Blue and XP Endo Shaper Systems in Root Canal Retreatment. *Int J Dent.* 2021;2021:6697587. Published 2021 Mar 24. doi:10.1155/2021/6697587
- 7) Azim AA, Wang HH, Tarrosh M, Azim KA, Piasecki L. Comparison between Single-file Rotary Systems: Part 1-Efficiency, Effectiveness, and Adverse Effects in Endodontic Retreatment. *J Endod.* 2018;44(11):1720-1724. doi:10.1016/j.joen.2018.07.022
- 8) Azim AA, Aksel H, Zhuang T, Mashtare T, Babu JP, Huang GT. Efficacy of 4 Irrigation Protocols in Killing Bacteria Colonized in Dentinal Tubules Examined by a Novel Confocal Laser Scanning Microscope Analysis. *J Endod.* 2016;42(6):928-934. doi:10.1016/j.joen.2016.03.009

For further information about XP-endo® Rise, Finisher and Finisher R, visit www.fkg.ch or contact the FKG Dentaire TEAM:

FKG Dentaire Sàrl
Le Crêt-du-Loche 4
2322 Le Crêt-du-Loche
Switzerland
T. +41 32 924 22 44

info@fkg.ch
www.fkg.ch
www.facebook.com/FKGDentaire

About FKG Dentaire:

For 90 years, FKG has striven to deliver Swiss quality, precision and peace of mind to endo specialists. Our unique approach is driven by the quest to provide the best dental care and our conviction that the search for perfection is never over. Like you, we seek to advance the frontiers of the possible by evolving through research, refinement and innovation. Ready to change the game?