

Press Release

January 2024

The perfect menu

COLTENE provides custom-made NiTi files as a “basic set” for fast and reliable root canal preparation

Which basic utensils should not be missing from any well-laid table? Whereas knives, forks, soup spoons and dessert spoons are the standard in the world of gastronomy, the question of the right “utensils” often leads to discussions among endo professionals. COLTENE has remedied the situation with its new basic set consisting of four nickel-titanium files.



“OGSF” provides for a clearer picture

After being presented for the first time at the IDS in Cologne, the basic set of COLTENE's NiTi files is now available from dental retailers. The aim of the international dental specialist: to provide safe, reliable, and efficient root canal preparation by choosing a clear file sequence which takes the four essential stages of a treatment well into account. “In endodontics, the preference for reciprocating or full-rotation preparation is primarily a matter of taste. However, the experts do agree that the introduction of standard procedures and checklists increases the safety and reproducibility of results,” says Dr Barbara Müller, Senior Head of Endodontics at COLTENE. For example, practice procedures can be easily optimised if the assistant at the chair does not have to be constantly retrained as to the appropriate instruments on the tray but knows which “recipe” is being used.

As a “set for all cases”, COLTENE recommends a precisely coordinated file sequence consisting of four nickel-titanium files: the HyFlex EDM file series can be ordered in a set of four as an “OGSF sequence”. The abbreviation stands for the first letters of the easily remembered sequence Opener - Glider - Shaper - Finisher.

The perfectly paired menu

As a counterpart to the appetiser, the Orifice Opener takes on the role of the soup spoon: it opens the sequence and the tooth to be treated. The main task of the knife and fork is performed by the glidepath file and a shaping file. While the glidepath file helps to create the appropriate glide path following the natural course of the canal, the shaping file then quickly and efficiently removes bacteria as well as infected tissue and gives the canal the necessary shape for good filling. The finishing file serves as the “dessert spoon” for a successful finish: it ensures that the apical area is sufficiently cleaned and that there is adequate space for rinsing solutions to penetrate to the apex. The use of well-coordinated files makes it particularly convenient to change from one file to the next.