industry news  J. Morita

The EndoWave hybrid concept:
Effective and reliable root-canal preparation

In collaboration with international endodontic experts, Morita has developed a treatment concept in which only three NiTi files are required for root-canal preparation. With the EndoWave hybrid concept, Morita provides an innovative solution to both newcomers and experts, enabling them to prepare canals quickly, effectively and reliably.

The EndoWave hybrid concept combines the advantages of the proven crown-down and single-length preparation techniques. Only three files are needed with the new technique, making complex treatment sequences and unnecessary instrument changes a thing of the past. In addition, less dentine has to be removed to prepare the root canal and the risk of stripping or displacement of the apex is minimal. A special fourth-generation NiTi alloy ensures a high degree of flexibility with maximum fracture resistance, allowing dentists to prepare curved canals with only minimal effort. The newly developed concept is suitable for both new and experienced endodontic users alike.

As less material is required in comparison with other techniques, from an economic perspective, and with regard to strict hygiene requirements, the operator can use the files as single-use products. Owing to the innovative NiTi alloy and its inherent material properties, the instruments can also be sterilised and are therefore suitable for multiple use.

The Morita Group is a manufacturer of medical-technical products. The Japanese traditional company with distribution companies in Europe, the USA, Brazil, Australia and Africa offers an extensive range of sophisticated products, such as high-performance imaging systems, treatment units, turbines, manual and contra-angle handpieces, instruments as well as endodontic measuring and preparation systems.

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