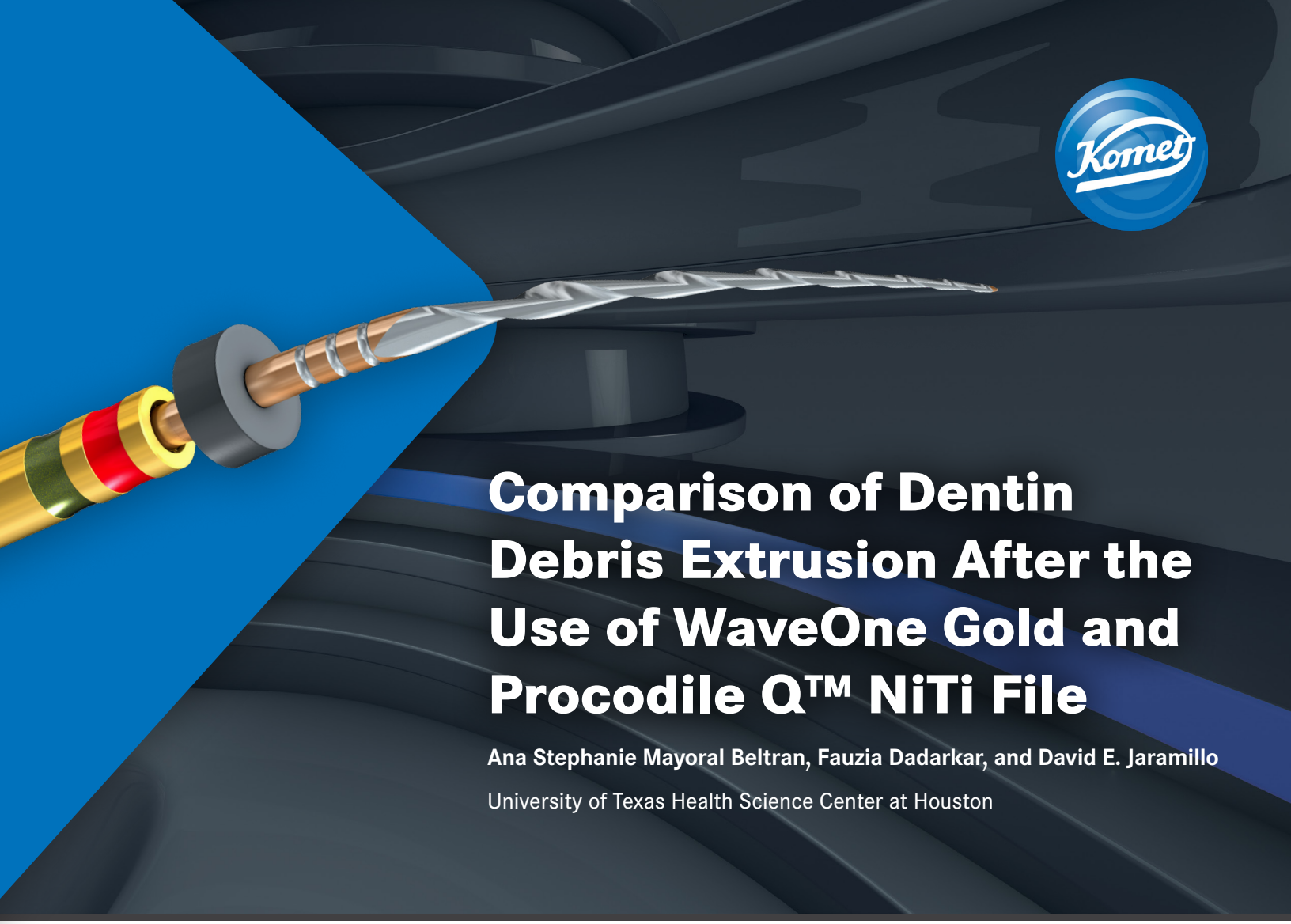

Comparison of Dentin Debris Extrusion After the Use of WaveOne Gold and Procodile Q™ NiTi File

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SCAN ME

https://www.kometusa.com/Landing-Pages/Debris-Extrusion-Study

Dentin debris, pulp tissue (vital or necrotic) and bacteria are likely to get extruded through the apical foramen during the root canal instrumentation. This extrusion might be responsible for the presence of severe post-operative pain and/or swelling.

This study measures the amount of dentinal debris extruded through the apical foramen by Komet USA's Procodile Q™ and the WaveOne Gold.

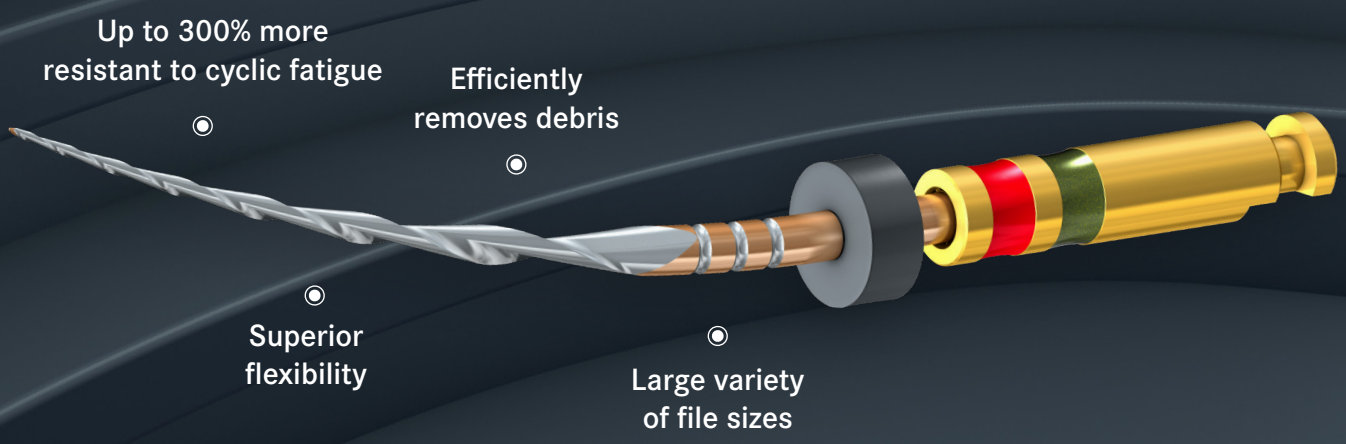
Case Study Results

- There is statistical difference between the Step Back technique compared to Procodile Q™ (Crown Down) and WaveOne Gold systems ($p<0.05$)
- The highest mean extrusion value was produced by the Step Back technique

Observational Findings

- **Procodile Q™ system was faster in reaching working length on both modalities when compared to WaveOne Gold**
- **More debris coronally extruded during instrumentation and a good amount of debris attached to the file when using Procodile Q™**
- **Flexibility of the Procodile Q™ file is by higher than the one observed in WaveOne Gold files**

Komet USA's Procodile Q™ is a heat-treated endodontic file system that is unrivaled in flexibility and performance.



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