



# PROTAPER•NEXT®

## Frequently Asked Questions

### **Why did we launch PROTAPER NEXT®?**

The PROTAPER® brand was created around a unique progressively tapered design that enables specific files to shape a particular area of the canal incrementally to ensure a continuously tapered preparation. PROTAPER NEXT® introduces a new patented design, combined with the Dentsply patented M-WIRE® NiTi alloy, making the files more flexible, stronger and requiring fewer instruments to complete a case, whilst still keeping the progressively tapered design.

### **What are the differences between PROTAPER NEXT® and PROTAPER® UNIVERSAL?**

The unique elements of PROTAPER NEXT® are:

- The new patented design (off-centered rectangular cross section) that provides a center of rotation that differs from its center of mass. Unlike PROTAPER® UNIVERSAL which has a symmetric design, PROTAPER NEXT® has a unique, asymmetric motion where the file moves with a swaggering snake-like movement down the root canal. It is this motion that will allow a clinician to achieve a fully tapered canal with fewer files, thus improving procedural efficiency.
- The files are also made with our proven Engineered M-WIRE® NiTi alloy for improved flexibility and strength.
- The tips and tapers are different than PROTAPER® UNIVERSAL for added flexibility.
- The files are provided in sterile blister packs.
- The handle has been reduced to 11mm vs. 13mm for PROTAPER® UNIVERSAL for improved accessibility in posterior teeth.

### **Which file do I spend my time on as a Marketer or Sales Rep; WAVEONE® or PROTAPER NEXT®?**

WAVEONE® provides Simplicity to the endodontic procedure and therefore primarily addresses the majority of usual clinical cases and General Practitioners who don't necessarily love endo or make a lot of clinical cases. PROTAPER NEXT® provides Versatility, meaning that it can handle the most difficult clinical cases and will therefore be the choice of preference of many endo specialists and endo lovers.

### **Should we convert PROTAPER® UNIVERSAL users over to PROTAPER NEXT®?**

Yes, you should lead PROTAPER® UNIVERSAL customers to PROTAPER NEXT® and show the benefits. Be sure to demo the product with them and don't assume "they will get it" since the file feels different. It is important to get the clinician using PROTAPER NEXT® in an extracted tooth or in a clinical situation. The unique motion translates to a remarkably smooth feel in a natural canal. The benefit the PROTAPER® UNIVERSAL customers will see is the increased flexibility and strength. The improvement in procedural efficiency will reduce the total number of instruments needed to complete a case.

### **Will we be discontinuing PROTAPER® UNIVERSAL?**

Yes, but the discontinuation date hasn't yet been decided given the inertia in converting the current loyal PROTAPER® UNIVERSAL customers. We must however make sure to lead those dentists to try PROTAPER NEXT® in order to get convinced about the superior performance. In the meantime, the current PROTAPER® UNIVERSAL products still remain available on the worldwide market.

### **PROTAPER NEXT® is priced the same as WAVEONE® and almost twice the price of current PROTAPER® UNIVERSAL files. What is the rationale for the price?**

PROTAPER NEXT® usually needs only two files instead of four in the case of PROTAPER® UNIVERSAL. Besides this, the PROTAPER NEXT® file is an improvement over the current PROTAPER® UNIVERSAL product. Thanks to the advanced metallurgy and geometry it's more flexible and stronger.

### **What is the technique used for PROTAPER NEXT®?**

Basically the same shaping technique is being used with PROTAPER NEXT® as with PROTAPER® UNIVERSAL. It's however useful to carefully study the PROTAPER NEXT® DFU.

PROTAPER NEXT® is designed a bit differently than PROTAPER® UNIVERSAL. Remember: PROTAPER® UNIVERSAL worked in specific sections of the file. PROTAPER NEXT® will cut the entire length of the file; this might make the file feel more aggressive. If the dentist brushes, this removes the aggressive feel. A technique video is also available and stresses the importance of brushing with PROTAPER instruments.

### **What about the SX file and what is the XA file?**

The SX file from PROTAPER® UNIVERSAL plays an important role for many practitioners in creating straight line access prior to using X1. In order to avoid hybridizing and creating brand confusion, we therefore decided to create a PROTAPER NEXT® version of the PROTAPER® UNIVERSAL SX file and call it PROTAPER NEXT® XA. This accessory file will be available as of September 2014.

### **Is glide path needed when using PROTAPER NEXT®?**

Yes, our Clinical Education as well as the DFU and Sequence Card highlight the importance of creating a reproducible glide path, which can be achieved with PROGLIDER™, PATHFILE® or with SSt hand files.

**PROTAPER NEXT® doesn't require a new motor. However, if the dentist is interested in purchasing a new motor, what one should I recommend?**

You should present the latest motor technology with the latest file technology, which in our case is the Dentsply Maillefer X-SMART PLUS endo motor, providing both continuous rotation and reciprocation.

**Will current motors be upgraded with PROTAPER NEXT® speed and torque settings?**

Only the motors used for clinical education courses and commercial exhibitions may be upgraded by one of the Dentsply Maillefer approved service centers.

**Why do we have a range of torque settings?**

We tested a low and a high setting to determine which was optimal in the clinician's hands. Some dentists liked the lower and others liked the higher. Either way, the file performs well between the ranges indicated in the DFU and the Sequence Card, i.e. 2.0 – 5.2 Ncm.

**Many dentists are used to a 25 .08 preparation. PROTAPER NEXT® doesn't offer this. What do I say?**

There is today a trend in the direction of conservative root canal shapes in order to preserve the original root canal anatomy. A 6% apical taper is today generally considered as being clinically sufficient for an optimal irrigation and obturation. If the dentist still isn't convinced, the X3 preparation size is also very close to the F2 final shape. See the chart below:

L.	X2		F 2		X3	
	Taper	Ø	Taper	Ø	Taper	Ø
0		0.250		0.250		0.300
1	6.00%	0.310	0.080	0.330	7.50%	0.375
2	6.00%	0.370	0.080	0.410	7.50%	0.450
3	6.00%	0.430	0.080	0.490	7.50%	0.525
4	6.00%	0.490	0.065	0.555	6.00%	0.585

**Are the corresponding Obturators, Gutta Percha Points and Paper Points branded PROTAPER NEXT®?**

Yes, the PROTAPER NEXT® brand includes obturators, gutta-percha and absorbent points, however, we will not offer a PROTAPER NEXT® branded oven. The standard Dentsply Maillefer THERMAPREP® oven is the ovens of choice with the GUTTACORE® for PROTAPER NEXT® obturators.

**Why does PROTAPER NEXT® have rotary file sizes X1 – X5, but only sizes X2 – X5 for PROTAPER NEXT® GUTTACORE Obturators, Gutta-Percha Points and Paper Points?**

The new patented design for PROTAPER NEXT® requires fewer instruments to complete a case. The X1 rotary file replaces the S1 and S2 shaping files from the PROTAPER® UNIVERSAL System. Using the PROTAPER NEXT® system, all canals should be finished with at least an X2 rotary file; therefore there is no need for X1 sizes in obturation.