



**MAILLEFER**

WaveOne® Gold

Time savings  
for you\*,  
safety for  
your patients.

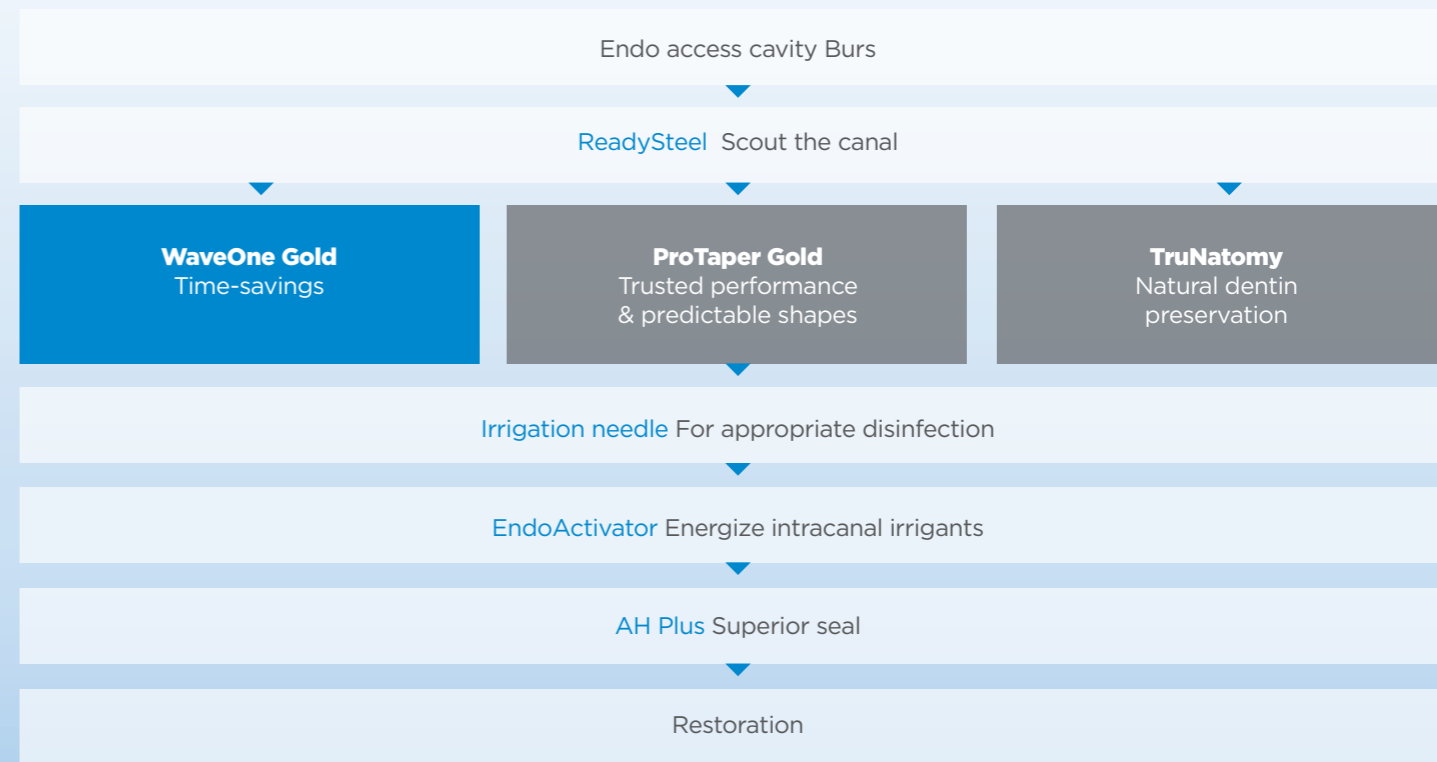
\*Reduction of canal shaping working time, see page 4

## OUR MISSION

We empower you to extend the functional life of natural teeth, to keep healthy smiles.

## Our Treatment Solutions

### Three workflow options depending on your preference



## Our users

### The inception of WaveOne Gold

"It all started with a question. Could we develop an endodontic instrument that would make shaping speedier, safer and simpler than all the others? This is the clinical goal that guided us throughout this project and resulted in WaveOne Gold."

**-53%**  
Reduction of canal shaping working time\*

\*Shaping working time of WaveOne Gold Primary versus Standard rotary NiTi systems. Internal laboratory testing results.



#### Sharing WaveOne Gold experiences

(General Practitioners)

"I've been able to complete more cases and in less time with WaveOne Gold. I highly recommend this system!"

**Dr. Kenny Hobbs, Jefferson, PA**

"Simple and efficient system which produces consistent results."

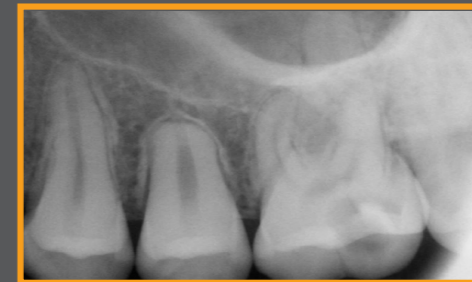
**Dr. David Jordan, Blairsville, PA**

"What I love best about this system is how easy and predictable it is for me and my staff. I love knowing that the size Primary is used in majority of my cases. My associates feel confident using this system since they don't need to decide which size to start with"

**Dr. Steven Hollar, Warsaw, IN**

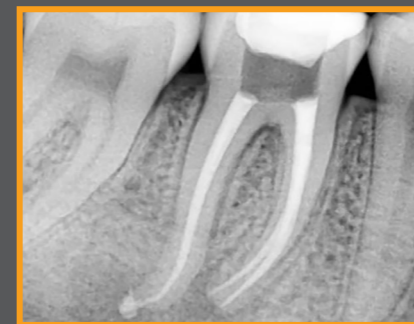
## Clinical Cases

Clinical cases done with **WaveOne Gold**



**Dr. Myriam Taveras, General Practitioner, Sunrise, Florida, USA**

"Since I transitioned from a Rotary System to a Reciprocation System with WaveOne Gold I feel more confident on the outcomes of my cases due to the lack of procedural errors as well as I can finalize all my cases in one hour appointment. The quality of these instruments surpasses the competitors and the support from DS are equal to none".



**Dr Zaher Al-Taqi, Endodontic and restorative dentistry, Safad Dental Center in Riyadh, KSA**

"I use WaveOne Gold for its simplicity, efficiency and safety it also provide Fast shaping , so more time for cleaning and irrigation!"

## The WaveOne Gold Design Team.

**Dr Sergio Kuttler**  
Endodontist and Educator

**Dr Wilhelm Pertot**  
Endodontist and Educator

**Dr Julian Webber**  
Endodontist and Educator

## One complete solution



Glide path



Shaping



Paper points



Irrigation needle



GuttaPercha points Conform Fit technology



GuttaCore for WaveOne Gold

+ STERILE

Packaged  
in individual  
sterile packs

### For appropriate disinfection

Greater control throughout the canal. Curve and flex easily to follow the root canal anatomy. Atraumatic for hard tissues.

### +22% Superior apical gutta-percha point filling volume\*

WaveOne® Gold Gutta-Percha Master Cones are latex-free and reformulated to match the precise shapes created by the WaveOne® Gold instruments.

An efficient technique that offers the ease of a single insertion, so your patients spend **less time in your chair.**

\* Primary WaveOne® Gold GP point versus ISO GP point # 025.06. Internal laboratory testing results

## Clinical Cases

With over 400 scientific studies  
citing WaveOne Gold worldwide

It is one of the most  
researched products.



### Shaping time reduction

NiTi reciprocation instrumentation was superior to hybrid hand/NiTi rotary instrumentation in reducing both patient appointments and the incidence of ledging and in improving obturation length and taper in a dental student clinic setting.

*Rotary Versus Reciprocation Root Canal Preparation: Initial Clinical Quality Assessment in a Novice Clinician Cohort*

*Hamid HR, Gluskin AH, Peters OA, Peters C. J. Endod. 2018 Aug; 44(8): 1257- 62*

Preparation time with the primary WaveOne Gold file was statistically significantly reduced when the file was used in combination with any of the glide path preparation techniques. The WaveOne Gold Glider performed statistically faster in glide path preparation time than the other glide path preparation techniques.

*Influence of Glide Path Preparation on the Canal Shaping Times of WaveOne Gold in Curved Mandibular Molar Canals.*

*Vorster M, van der Vyver PJ, Paleker F. J Endod. 2018 May;44(5):853-855.*

### Simplicity for you, safety for patients

Novice operators preferred nickel-titanium instruments to stainless-steel, and majority of them opted for reciprocating file instead of continuous rotating system.

*Preference of undergraduate students after first experience on nickel-titanium endodontic instruments*  
*Sang Won Kwak, Gary Shun-Pan Cheung, Jung-Hong Ha, Sung Kyo Kim, Hyoji n Lee, and Hyeon-Cheol Kim Restor Dent Endod.2016 Aug; 41(3):176-81*

Based on the results of this study, the incidence of endodontic instrument separation when using WaveOne reciprocating files was considerably lower.

*Assessment of the Separation Incidence of Reciprocating WaveOne Files: A Prospective Clinical Study*  
*Cunha RS, Junaid A, Ensinas P, Nudera W, da Silveira Bueno CE. J Endod. 2014 Jul;40(7):922-4.*

## Reciprocating Movement

# The right movement for the right treatment

Dentsply Sirona's drive solutions with the WaveOne Gold movement:

- X-Smart Plus • X-Smart IQ

Treatment Centers with Endo package:

- Teneo • Sinus

Partnerships for the official WaveOne Gold movement:

- BienAir / i-Optima
- NSK / NLZ Endo



Kim et al; "Safety of the Factory Preset Rotation Angle of Reciprocating Instruments" JOE, Vol. 40, No. 10, Pag. 1671-1675, Oct 2014



## EndoActivator

# Safe. Effective. Simple.

The **EndoActivator** is designed to safely and vigorously energize intracanal irrigants in a cost effective manner.

Activated fluids promote deep cleaning and disinfection into lateral canals, fins, webs, and anastomoses.

"After creating a root-appropriate shape, I systematically use the EndoActivator to promote cleaning root canal systems."

**Dr Pierre Machtou**



## Three studies on the EndoActivator

- 1 Assessment of Irrigant Activation Efficiency in the Apical Third of Curved Canals: A Scanning Electron Microscope Study

*Caron G, Machtou P, et al; J Endod 36:8, pp. 1361-1366, 2010*

- 2 The Efficacy of Supplementary Sonic Irrigation Using the EndoActivator System Determined by Removal of a Collagen Film From an Ex Vivo Model

*Bryce G, MacBeth N, Gulabivala K, Ng YL; Int Endod J [Epub ahead of print], November 2017*

- 3 A Quantitative and Qualitative Analysis of Ultrasonic vs. Sonic Endo Cleanliness and Obturation

*Kanter V, Weldon E, Pileggi R, et al; Oral Surg, Oral Med, Oral Pathol, Oral Radiol, J Endod 112:6, pp. 809-813, 2011*



## Sterile delivery Ready to go

I open the blister and I am ready to go. Using sterile-delivered product is a matter of guarantee. For my patients, for my staff and for me. This is what I would want, as a patient. Wouldn't you?

**Dr Sarah Attal**

### WaveOne Gold files are delivered to you already gamma sterilized:

- Ensure top infection prevention standards
- Immediately start treating patients
- Optimize chair time
- Save sterilization steps

### Single patient use

## One patient, one use

- 1 No risk of cross contamination, for patients, for your staff and for you
- 2 Saves time for reprocessing, changing and organizing files
- 3 Better control of the risk of file breakage
- 4 Stable high cutting efficiency

Evaluation of biological debris on endodontic instruments after cleaning and sterilization procedures  
International Endodontic Journal (2010)

**Findings: The methods used to clean endodontic instruments are generally ineffective at removing biological debris**

Residual protein levels on reprocessed dental instruments:  
Journal of Hospital Infection (2005)

**Findings: The cleaning of some instruments reprocessed routinely in primary care was incomplete; such instruments cannot be excluded as a potential source of cross-infection**



## Infection prevention with WaveOne Gold

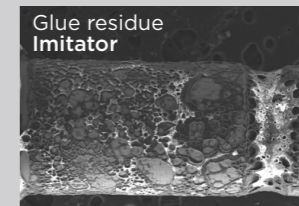


### Precision fitted files

All our files are pressure fit inserted. No glue used.



Precision fit handles  
Dentsply Sirona



Glue residue  
Imitator



### Rubber dam

For safer and more efficient endodontic treatments

#### More efficiency

- Improved visibility
- Saves time (the use of cotton pellets or holding back the patient's tongue are no longer needed)

#### More safety

- Easier to maintain asepsis during the treatment
- Reduces the risk of the patient swallowing instruments and irrigating solutions

Performing an endodontic treatment without rubber dam is like driving a car without a windshield on a rainy day. It only takes less than a minute to place it. Safety, infection control, aerosol reduction and eventual time saving will ensure there are no mishaps.

**Dr Wilhelm Pertot.**

Join us for local  
Education events  
to experience  
**WaveOne Gold!**



BEN SWIG BRC 000 / 00 / 2020 - Created 06/2020

