

NEW



# One Curve

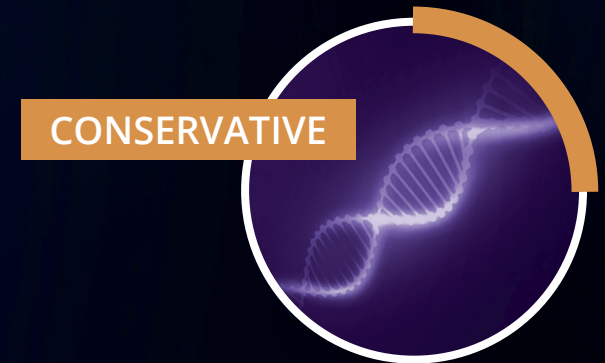
The Endo **DNA**\*

\*L'ADN de l'Endo



# THE ENDO ADN

One  
Curve





SMART

### ONE SINGLE INSTRUMENT FOR ROOT CANAL SHAPING

- > Simplified instrument management
- > No risk of cross-contamination: single use

### REDUCED TIME FOR THE MECHANICAL SHAPING

- > Optimal chemical cleaning
- > Gain in time



**+59%**

Compared to an **instrumental sequence** <sup>(1)</sup>

**+33%**

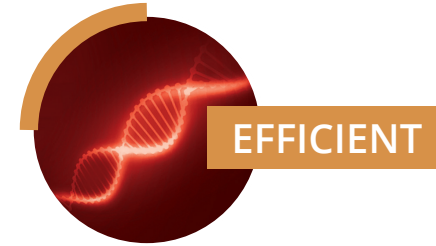
Compared to a heat-treated **reciprocal** instrument <sup>(2)</sup>



Source data

<sup>(1)</sup> Shaping ability of different single-file systems in severely curved root canals of extracted teeth - S. Burklein et al

<sup>(2)</sup> Data: MICRO-MEGA R&D



EFFICIENT

Product MICRO-MEGA last generation



One Curve



**C.Wire** : Heat-treatment of Nickel-Titanium, a One Curve exclusivity.

*C.Wire is a technique designed, developed and applied by MICRO-MEGA.*

- Shape memory
- Pre-bendable
- Conservation of the curvature

**100% +**  
more flexible <sup>(3)</sup>



**2.4 X**  
more resistant <sup>(4)</sup>

to fracture  
(cyclic fatigue)




**Pre-bendable**

- > Elimination of constraints
- > Easier access to the root canal



Source data

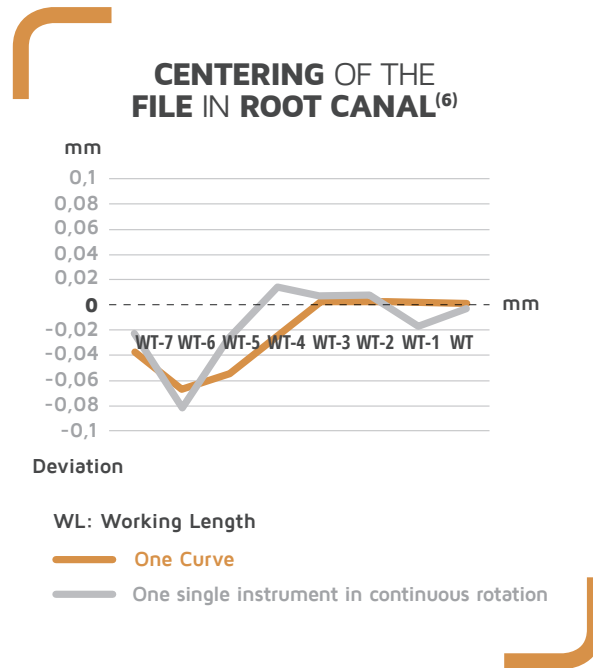
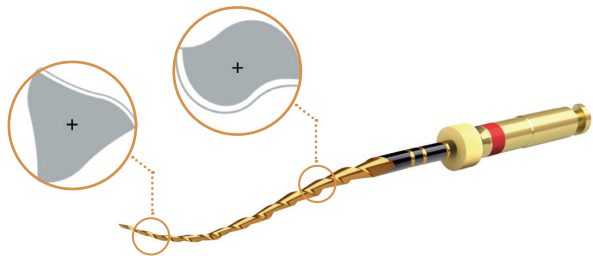
<sup>(3),(4)</sup> Data: MICRO-MEGA R&D



## CONSERVATIVE

The instrument was developed to respond to the need of efficient shaping while respecting the initial root canal anatomy.

- > The non-existent ovalization secures the apical zone<sup>(5)</sup>
- > The variable cross-section combined with continuous rotation ensures excellent cutting efficiency and a perfectly centered trajectory<sup>(7)</sup>



Source data

<sup>(5)</sup> <sup>(6)</sup> Data MICRO-MEGA R&D

<sup>(7)</sup> Shaping ability of 4 different single-file systems in simulated S-shaped canals. A.M Saleh et al.

## USE ?



- Continuous rotation
- Speed 300 rpm, torque 2.5 N.cm
- Direct downward movement until the working length
- Reduced mechanical treatment time
- Treatment of simple and complex root canal anatomies

The instrument is hyper-flexible and extremely resistant at the same time, **without sucking effect**. You have full control over the instrument.



## ADDITIONAL PRODUCTS TO THE RANGE

> **Sterile paper points** (box of 200)  
n25 - .06

> **Gutta percha points** (box of 60)  
n25 - .06

### TESTIMONIAL N°1



« A good instrument needs to adapt itself to the most difficult cases. One Curve meets these requirements through its flexibility, its cutting efficiency and its fracture resistance. »

*Dr. Oussama Bouammar,  
France*

### TESTIMONIAL N°2



« Perfect combination between high flexibility and good cutting efficiency. Great safety and respect for curved canals. »

*Dr. Mostafa Anwar,  
Egypt*

### TESTIMONIAL N°3



« I love this file! It is almost addictive!  
A real game changer »

*Dr. Konstantinos Kalogeropoulos,  
Greece*

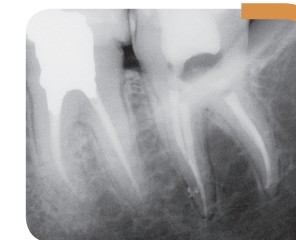
## CLINICAL CASE

*Pr. Khaled Balto, Saudi Arabia*



#### Preoperative x-rays:

Tooth n°18  
Diagnosis: irreversible pulpitis and symptomatic apical periodontitis.



#### Postoperative x-rays:

Treatment approach:

- > Initial canal exploration with manual files n° 8 and 10
- > Glide path with One G
- > Preflaring with One flare
- > Shaping with One curve in three waves up to the apex



# CLINICAL CASE

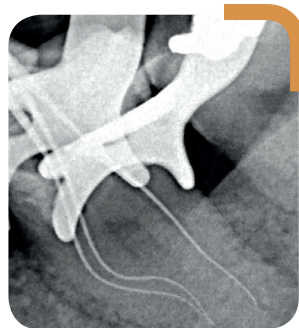
Dr. Tara McMahon, Belgium



## Preoperative x-rays:

Tooth n°37

Diagnosis:  
apical periodontitis



## Postoperative x-rays:

Endodontic treatment:

- > Removal of the old restoration and the cavity
- > Access cavity to locate the 3 canals and canal initial exploration with MMC n°10
- > Preflaring with One Flare. Glidepath with manual MMC n°15, 10 & 8 files using the crown down technics
- > Working length (WL) determination using the MMC n°10 file. When the n°15 file freely reaches the apex, mechanical shaping
- > For mesial canals, One Curve is used up to the first curvature then rinse with NaOCl, permeability checking with MMC n°10. One Curve is then used up to the apex
- > For the distal canal, the objective is to directly reach the apex with One Curve
- > Irrigation with NaOCl 5.25% during the whole treatment. Irrigation with EDTA 17% and final rinse with NaOCl before obturation (thermocompaction)



Data MICRO-MEGA

<sup>(2)</sup> « Rapport de validation One Curve Micro-Mega Tara Mc Mahon 2017-08-25 »

<sup>(3)</sup> « Rapport valeurs torsion-flexion après taillage 20170725 » + « Note valeurs torsion-flexion One Curve 20170725 »

<sup>(4)</sup> « Rapport fatigue cyclique One Curve 2017-09-12 »

<sup>(5)</sup> « Rapport One Curve traitement thermique Micro-Mega Fabienne Pérez 2017-07-07 »

<sup>(6)</sup> « Rapport One Curve traitement thermique Micro-Mega Fabienne Pérez 2017-07-07 »

## One Curve Presentation



Year of CE-marking: 2017 - Medical device class IIA according to directive 93/42/EEC

Certifying body: LNE/G-MED

Medical device for dental care, meant for professional dental use only.

See product labelling and, where applicable, instructions for use.

STERILE EO Sterile devices.



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25006 Besançon cedex - France  
www.micro-mega.com

## One Curve GP Points Presentation



Medical device class IIA according to directive 93/42/EEC

Certifying body: SGS

Medical device for dental care, meant for professional dental use only.

See product labelling and, where applicable, instructions for use.

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## One Curve Paper Points Presentation



Medical device class IIA according to directive 93/42/EEC

Certifying body: SGS

Medical device for dental care, meant for professional dental use only.

See product labelling and, where applicable, instructions for use.

STERILE R

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