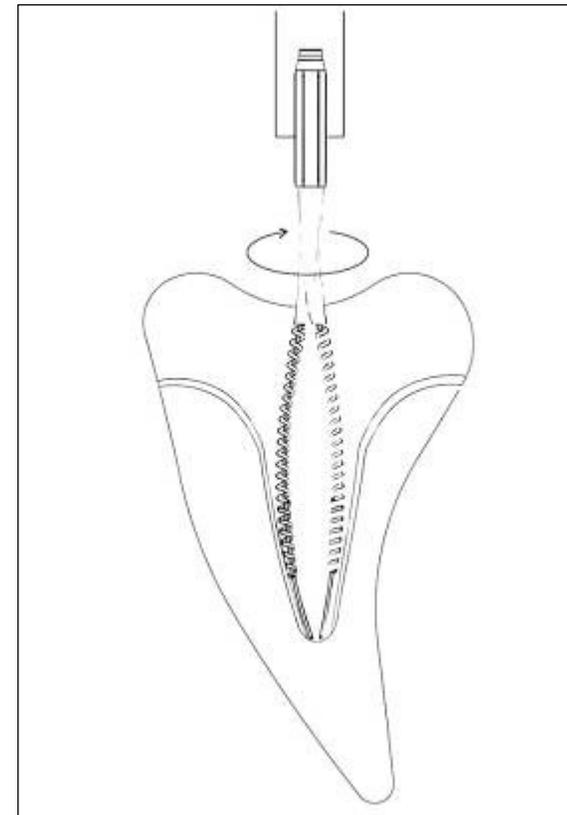




The centrifugal effect:



MEDICOR
Precise Endo Technology





The centrifugal effect:

The centrifugal effect:

Gentlefiles unique flexible design when operating at 6,500 rpm has the desired centrifugal effect of causing the file to adhere continuously to the walls of the root canal, irrespective of their shape.

The advantages of Gentlefile's adherence to the walls of the canal

1. Quick and gentle filing of the whole surface area of the canal
2. The file's action follows the cross sectional shape of the canal throughout its whole length
3. Mixing and driving the antibacterial fluid along the whole surface and length of the canal
4. Significant removal of the smear layer, improved access to lateral canals with easy insertion of the sealant material



The centrifugal effect:

We recommend: always irrigate between files.

The Gentlefiles operate inside the canal at 6500 rpm by quick and short **pecking motion** and create the spiral effect ([see video on gentlefile.com](http://gentlefile.com)) activating the anti-bacterial agents .

The centrifugal effect of the file also improves the cleaning of the canal wall and remove the most of the smear layer therefore help to open the approach to the lateral canals .
[See next slide](#)



Gentlefile®

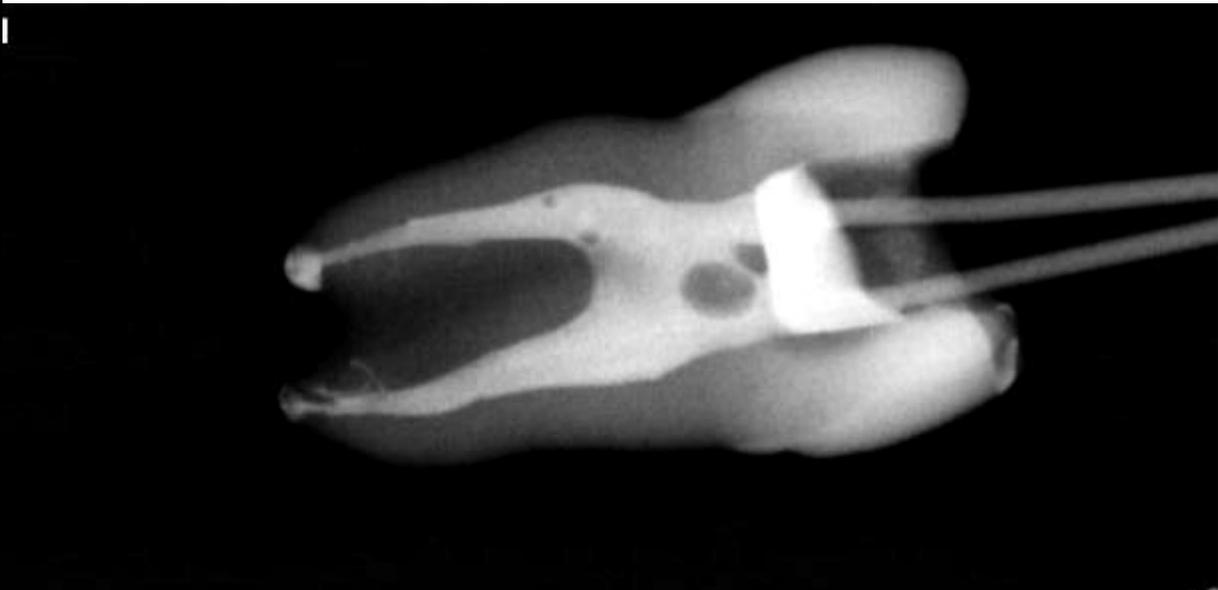
Three-dimensional obturation of the apical delta and lateral canals due to the perfect cleaning ability of the Gentlefile .



sealing Lateral canal



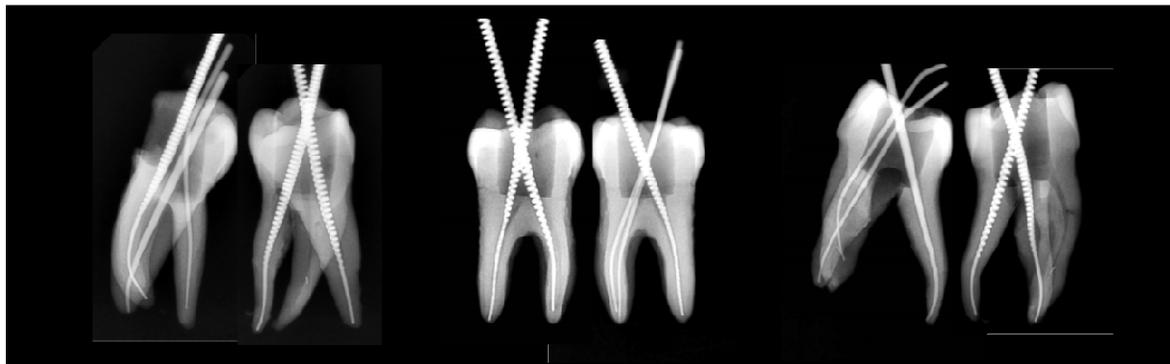
Obturation of the canal using lateral condensation with Gutta Percha and sealer





The promise

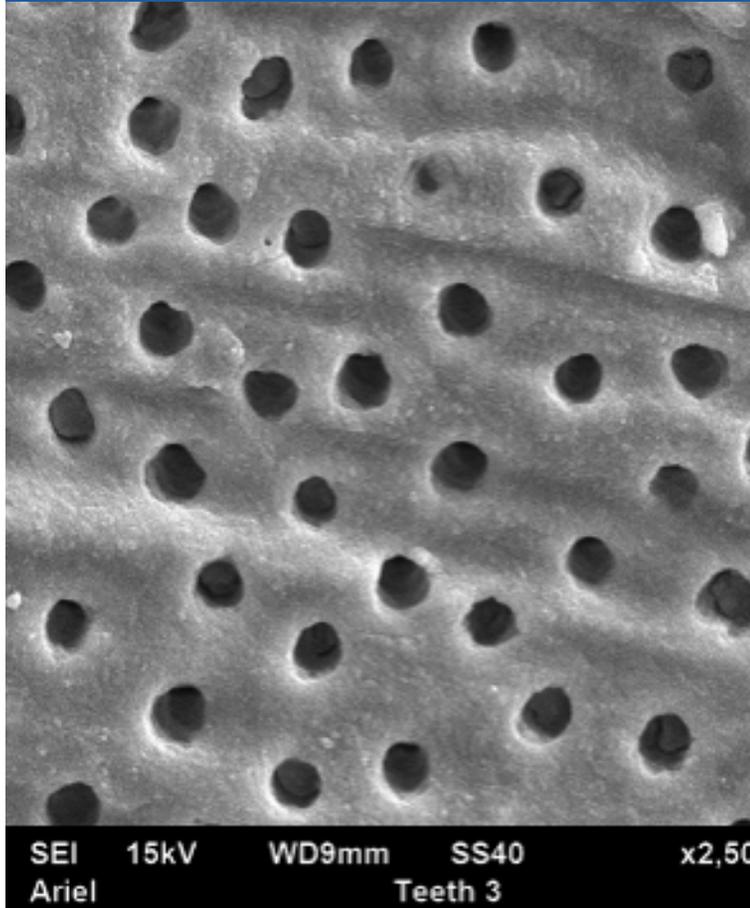
- ❖ Maintaining the anatomic structure of the canal
- ❖ Symmetric removal of the dentine layer
- ❖ Filing the canal walls rather than drilling and cutting the dentine as NiTi does
- ❖ Activation of the irrigating solutions throughout the process
- ❖ Preparation and Cleaning of canals with irregular cross-sections



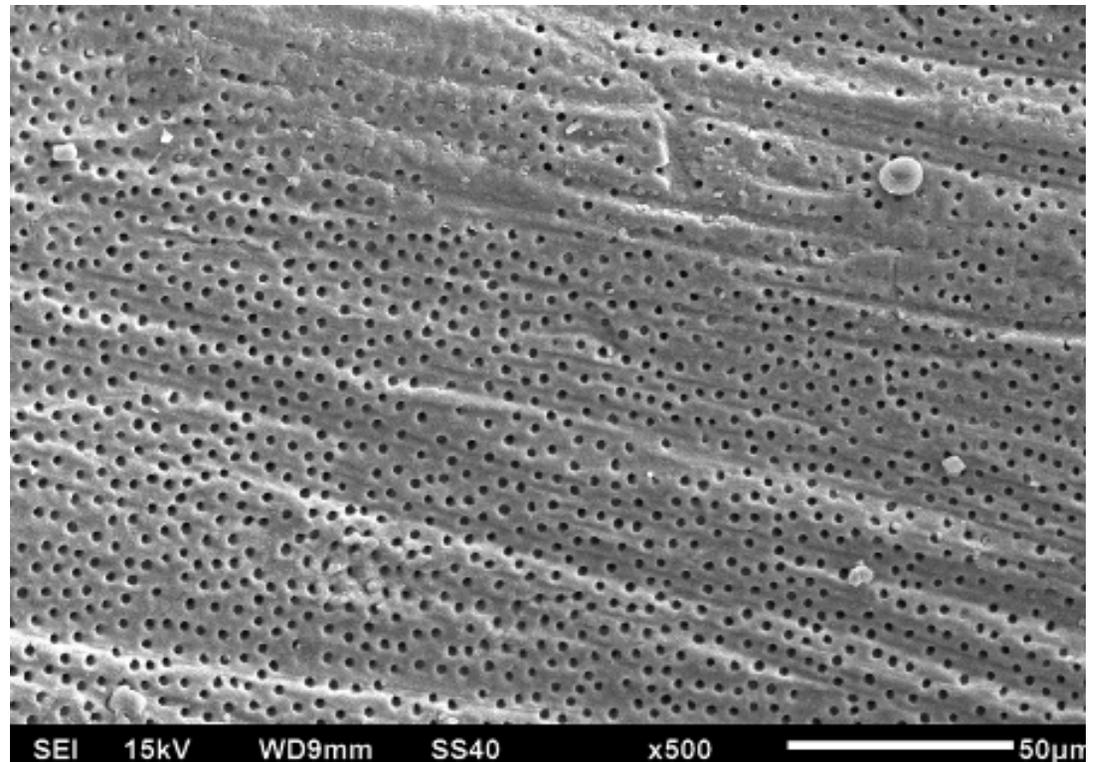


Surface after treatment - The Coronal Third

Surface after treatment with the **Gentlefile** and rinsing with anti-bacterial agents



Enlargement: X 2500

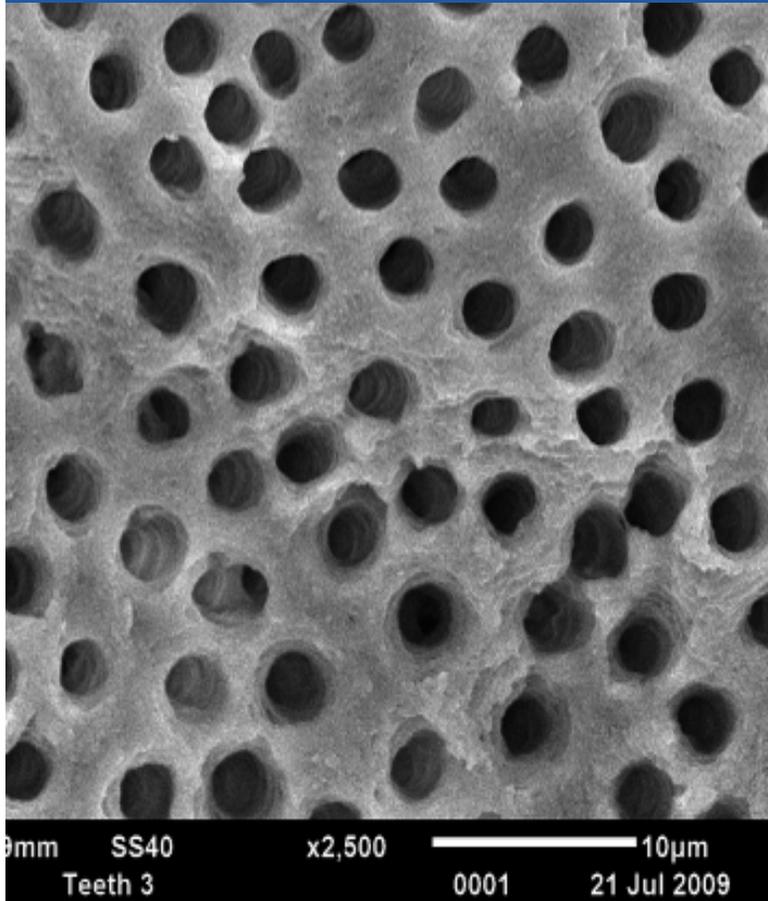


Enlargement: X 500

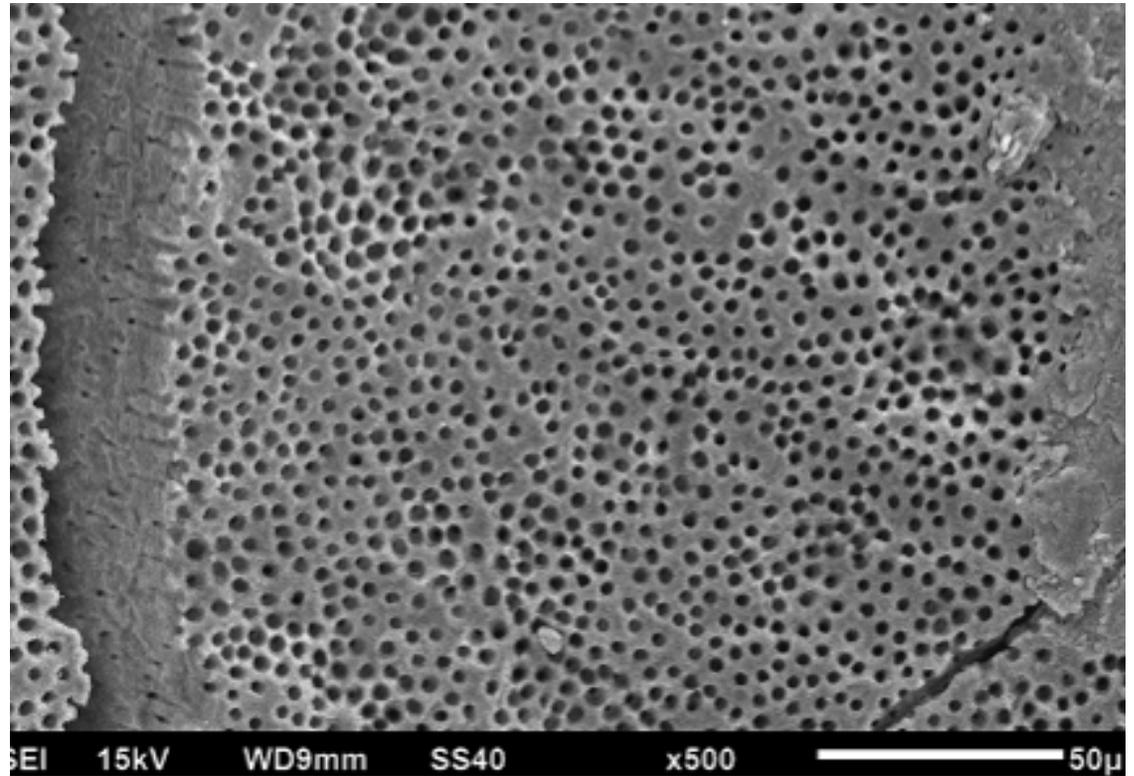


Surface after treatment - The Middle Third

Surface after treatment with the **Gentlefile** and rinsing with anti-bacterial agents



Enlargement: X 2500

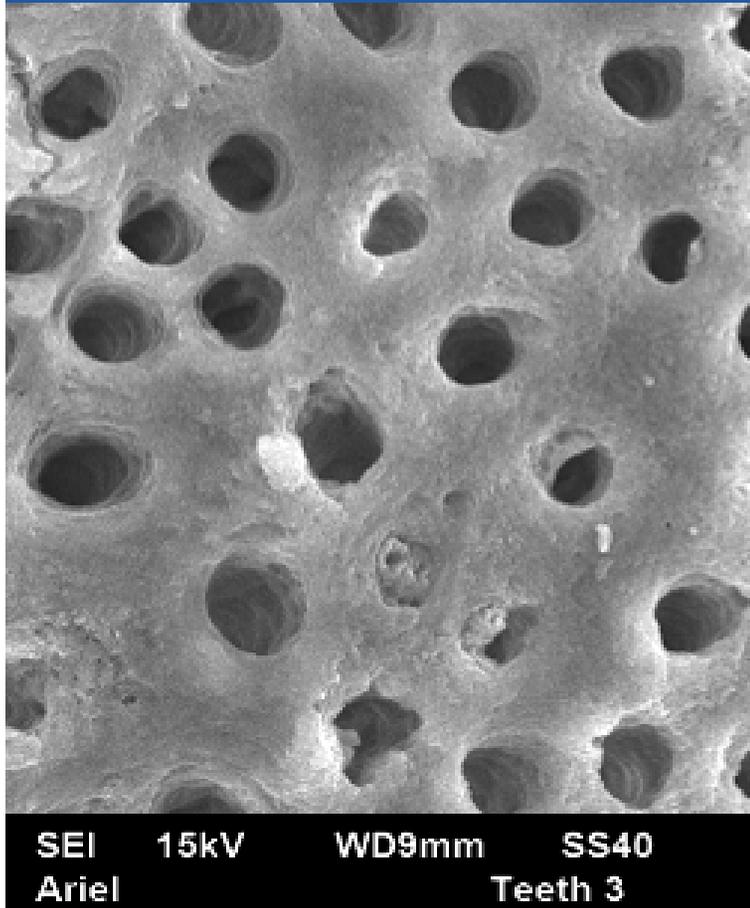


Enlargement: X 500

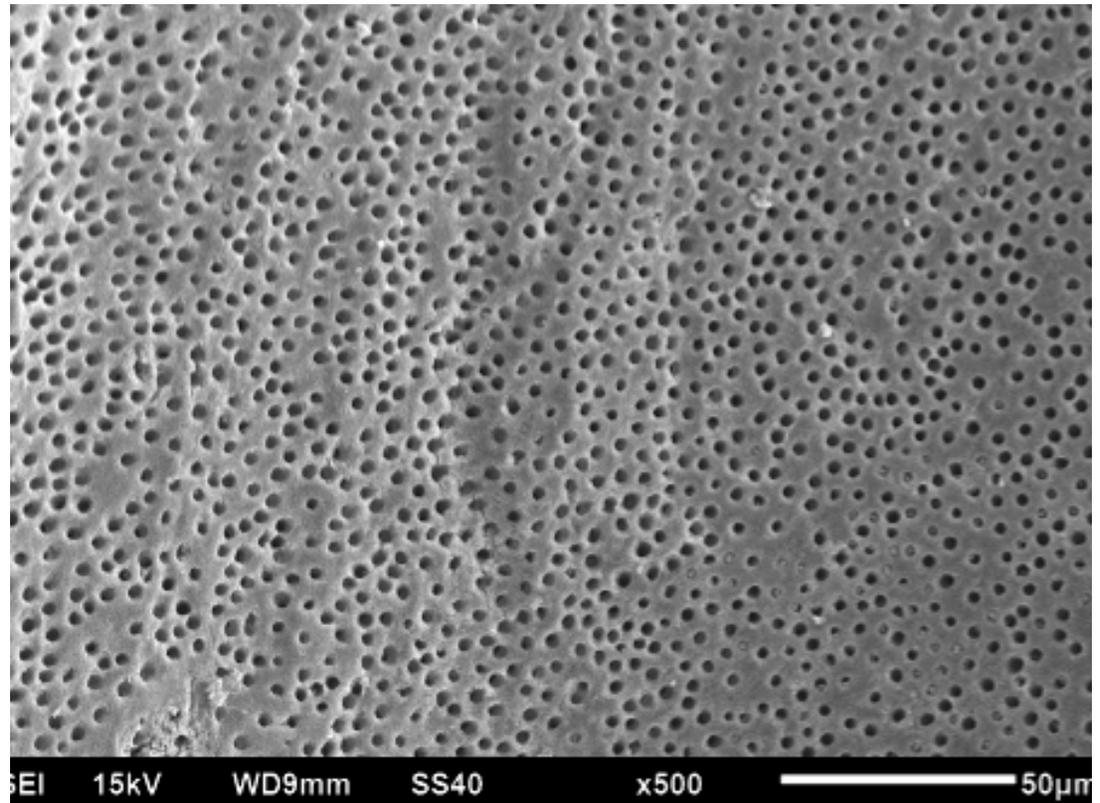


Surface after treatment - The Apical Region

This region is the most difficult to reach and problematic for preparation.



Enlargement: X 2500



Enlargement: X 500



Smile with Gentlefile