

Efficient root canal treatment using a Microscope and Wave One GOLD

~ Important points before and after use of Ni-Ti files ~

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Microscope, Ni-Ti files, CBCT, Ultrasonic tips and Mineral Trioxide Aggregate have caused the paradigm shift in the Endodontic Treatment.

Especially, the development of Ni-Ti files is remarkable.

Ni-Ti files have several characteristics, such as strengthened fatigue resistance and shape memory by heat treatment.

They make it possible to do root canal shaping more safely.

However, previous studies suggest that even with the use any Ni-Ti files, there are some limitations in root canal shaping.

I will explain the following contents:

1. Pre-enlargement with the use of Microscope and Ultrasonic tips
2. the significance of establishing a Glide path
3. the importance of Patency
4. how to treat anatomical traps after the used of Ni-Ti files

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