



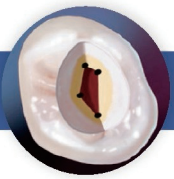
MR&R SYSTEM

Micro-Retrieve & Repair System

Endodontic treatment and the Complications



Catch the last chance of root canal therapy



Access

Preparation

Obturation

Restoration

Pulp chamber Perforation

Separation, Root canal perforation, the apical transportation

Apical Barrier

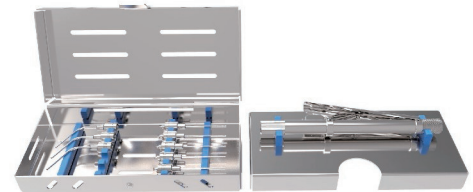
Post drill fractured and perforation of post space

Root canal treatment is the most effective way to treat endodontic problems, although the process is complicated. Making it inevitable to encounter some iatrogenic events during endodontic treatment, especially the instrument broke and stuck around the curvature and deep in the root canal. Additionally, the serious iatrogenic events, such as perforation of the root, which is also needed to use a special device to repair by a biocompatible biomaterials. (Such as delivery of MTA)

MR&R System is based on design, research and development of two national patent, it can be used to remove root canal broken instrument, delivery MTA or other bio materials



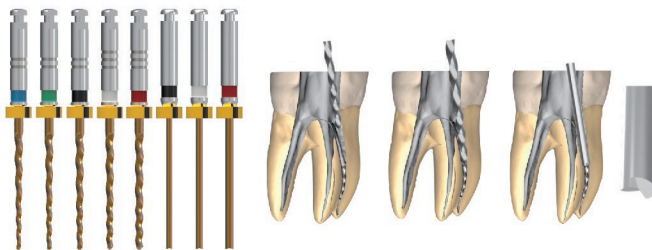
MR&R v1.0



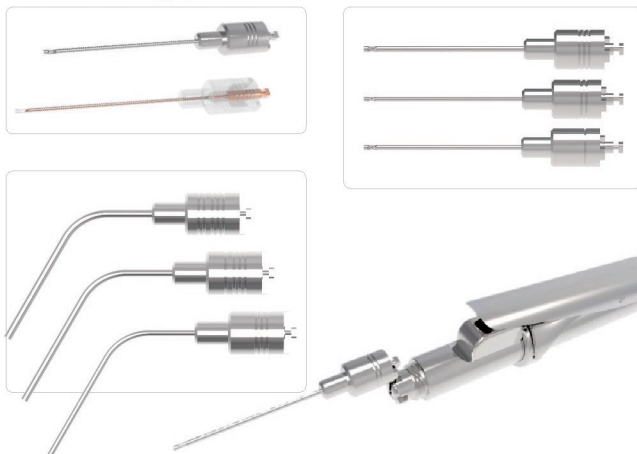
MR&R v2.0

Practice makes perfect

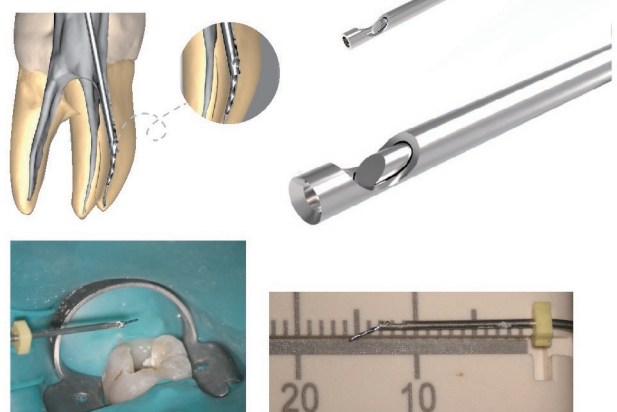
Flexible NiTi Path Drills with efficiency



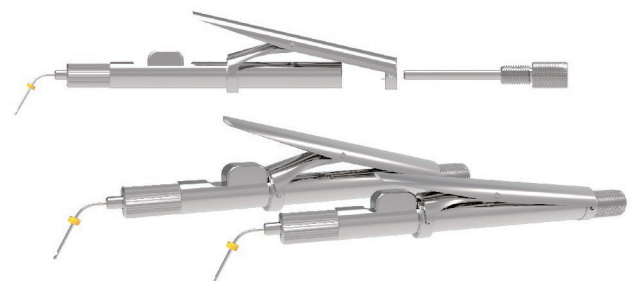
Replaced design to solve economic and assembling problems



Improved mechanics of Micro-Retrieve Needle cannula with side window



Pressing device leading to the most ergonomics experience





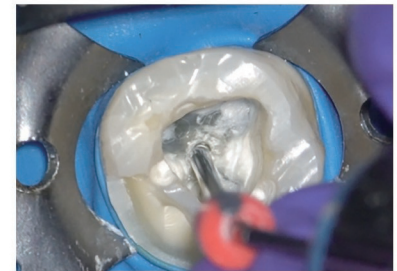
Integration integrates the transport function of MTA and iRoot BP

Extremely fine and can be effectively

Save a lot of operating time

Disassembled and replaced

Reduced the cost greatly



1=2 Two in one

1>2 It is more convenient and excellent than two independent devices

● The clinical application of MR&R system

Due to the MR&R System has good function and ergonomics, the system can achieve good therapeutic effect and operation experience during the following treatment scenes

Repairing the perforation

- In the course of root canal treatment, the perforation of the pulp floor or the perforation of the root canal wall caused by the operation mishaps can be repaired by using MR&R system to delivery of MTA and other biological materials. The perforation can be repaired and the teeth can be save and function well.

Pulp Capping

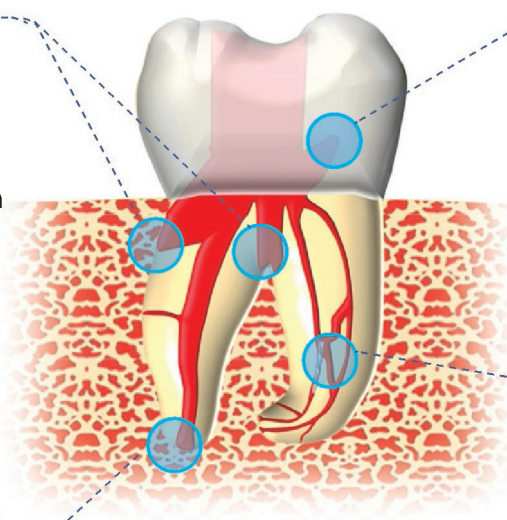
- Clinical with capping pulp syndrome refers to conservative treatment, the system will use MR&R MTA and other biological materials delivered to the exposed pulp, pulp tissue at the often healing, pulp can be saved without further endodontic treatment.

Retrieve the broken instrument

- After evaluating the position of broken instrument in the root canal which is suitable for removal, the MR&R system can be used to remove the broken instrument in the root canal with less dentin sacrifice.

Preparation of apical barrier

- The teeth with root canal barrier plasty were selected. The MTA and other biomaterials were filled to the tip with a transport to prepare a permanent apical barrier and then the root canal filling was completed



The content of MR&R System

● NiTi Path Drills

T6		19mm 60 .04 X1
T7		19mm 70 .03 X1
T8		19mm 80 .02 X1
T9		19mm 90 .02 X1
T11		19mm 110 .01 X1

● NiTi stageplatform Burs

P8		19mm Φ 0.8mm X1
P9		19mm Φ 0.9mm X1
P11		19mm Φ 1.1mm X1

● Micro-trepan

H1		19mm Φ 0.8mm/0.5mm X1
H2		19mm Φ 0.9mm/0.6mm X1
H3		19mm Φ 1.1mm/0.8mm X1

● Bending Instruments



● Main body of pressing device



● Micro-Retrieve Needle Cannula

J1		Φ 0.8mm/0.5mm X1
J2		Φ 0.9mm/0.6mm X1
J3		Φ 1.1mm/0.8mm X1

● Micro-Repair Needle Cannula

S1		Φ 1.1mm/0.8mm X1
S2		Φ 1.3mm/0.9mm X1
S3		Φ 1.5mm/1.1mm X1



Manufacturer

MR&R SYSTEM
Micro-Retrieve & Repair System

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