

Retrieval of Separated Endodontic Files and Other Intra-canal Obstructions Using the IRS Core Drill and Instrument Removal System







IRS Instrument Removal System



IRS® Core Drill vs. Ultrasonics



Minimal Dentin Removal Unnecessary Dentin Removal

1.50

1. Create straight line access.



2. Choose the IRS Core Drill which most closely relates in size to the coronal portion of the file.



3. Place the IRS Core Drill over the head of the separated file.

4. Using a watch-wind motion, (cutting in a clockwise rotation) begin trephining around the file until there is 1mm to 1.5 mm of exposed instrument.



5. Remove the core drill.



6. Choose the color coded IRS instrument that corresponds to the core drill that was just used. (IRS assembly needs to be "unthreaded" when placing over obstruction.)



7. Drop the IRS assembly over the head of the exposed broken instrument.



8. Slowly engage the IRS screw wedge by threading in a counter-clockwise rotation.

(It is important to allow the lumen to "move" to its desired position to allow the broken instrument to "kick out" of the window).



9. Continue to thread the screw wedge until it is completely engaged with the obstruction (Tight).

10. Gently rotate entire assembly using a watchwind motion to loosen the obstruction.

Continue to unwind and lift assembly until obstruction is removed.



Example of Silverpoint Removal



1. Radiograph of silverpoint.



Example of Silverpoint Removal Continued



2. Partial silverpoint removal.



Example of Silverpoint Removal Continued





3. Continued removal of silverpoint using Red IRS.



Example of Silverpoint Removal Continued



4. Radiograph of completed silverpoint removal and endodontic treatment.







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See Instructions for Use.

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