



CLIFFORD J. RUDDLE, DDS
Founder & Director

**USING MODIFIED SPINAL TAP NEEDLES FOR REMOVING:
Broken Files, Silver Points, etc. from a Canal**

1. Remove the inside needle from the *spinal tap needle* and discard.
2. Leaving the hub end, cut the spinal tap needle to the length that is appropriate for the tooth on which you are working, i.e.: shorter if you are in the posterior regions with narrow inter-occlusal space.
3. Create space coronal to the obstruction with gates glidden drills.
4. Using ultrasonic ProUltra ENDO Tips 3-8 (Dentsply Tulsa Dental Specialties), select the appropriate tip and carefully trephine around the obstruction until enough space has been created to allow the spinal tap needle to go over the object to be removed.
5. Insert an appropriately sized hedstroem through the hub end of the spinal tap needle and wedge it between the broken instrument and the inside wall of the spinal tap needle. As you insert the hedstroem deeper, it will bind between the needle and the broken instrument.
6. Keep clockwise and apically directed pressure on the hedstroem and remove the entire assembly from the tooth, including the broken instrument.

PURCHASE INFORMATION FOR SPINAL TAP NEEDLES:

Sizes: 18g x 3-1/2" Metal Hub (Part #1945700)
 20g x 3-1/2" Metal Hub (Part #1943952)
 22g x 3-1/2" Metal Hub (Part #1943168)

Company: Schein Dental (by telephone order only)

Phone: Tollfree (800) 372-4346, or International (631) 843-5325

Email: custserv@henryschein.com, or International, export@henryschein.com