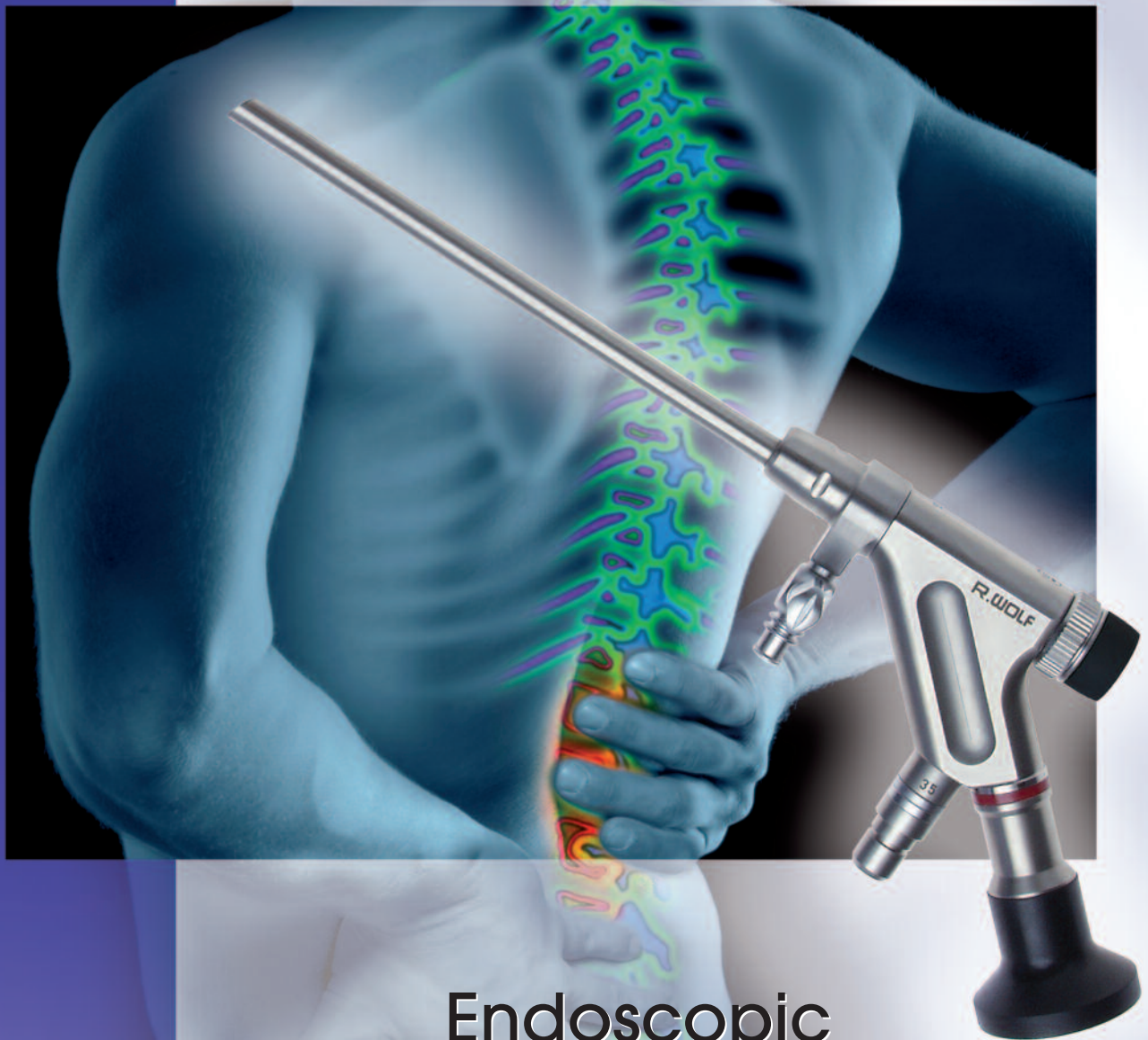




Endoscopic Dorsal Ramus Rhizotomy

**Short Vertebris® 3.1 mm Ø Spine Endoscope
and
Bi-Tip™ FlexTrode™ RF Probe**

Short Vertebris® Spine Endoscope

The ideal endoscope for
visualization and treatment
of the posterior spine

- ✓ **Shorter 120 mm working length optimized for accessing structures of the posterior spine**
 - Keeps instrumentation in an ergonomic position for posterior procedures
- ✓ **Richard Wolf optics provide a clearer view**
 - Rod lens endoscope and integrated irrigation permit better visualization of anatomy
- ✓ **3.1 mm Ø working channel permits a wide range of instrumentation including:**
 - Forceps and punches
 - Bipolar electrodes
 - Shaver blades and burrs

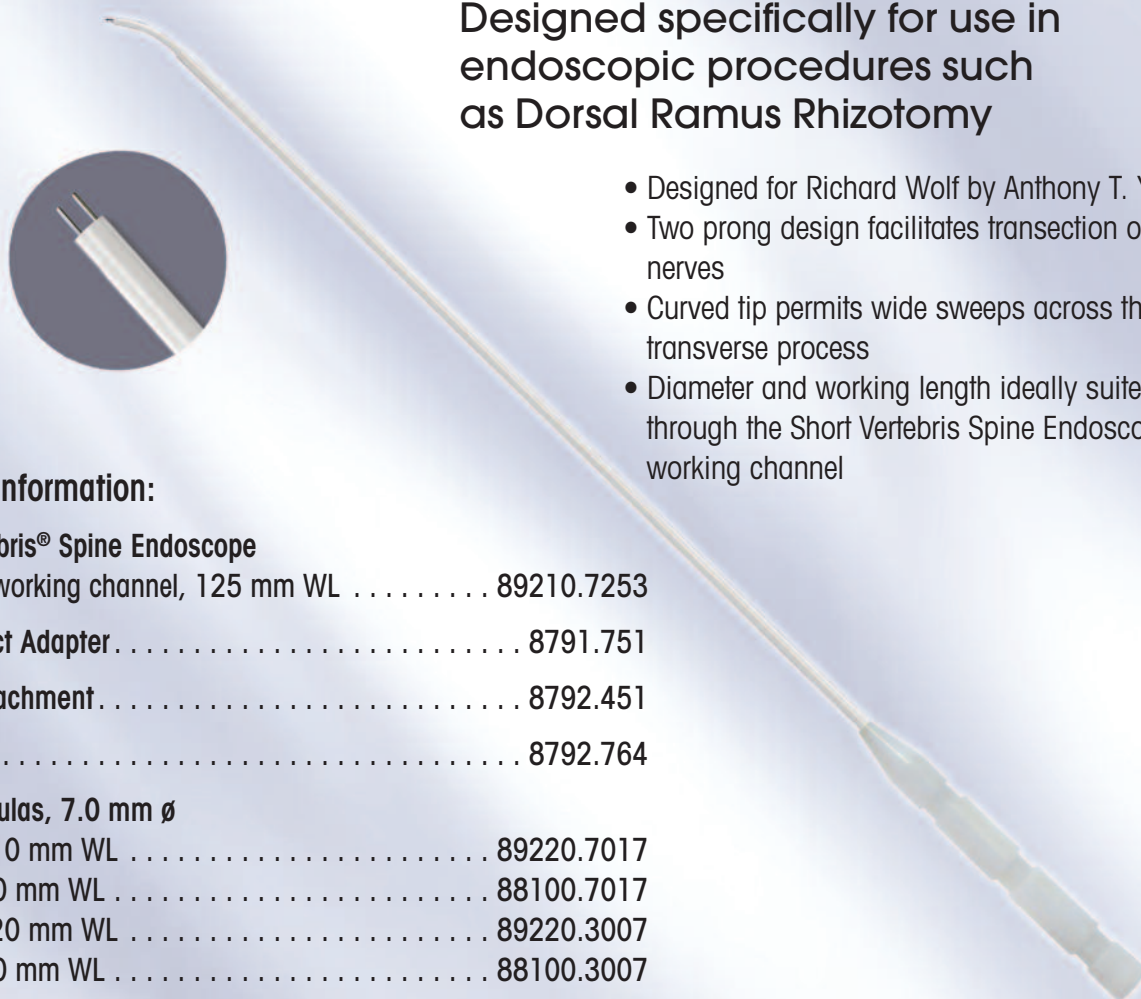


Excellent Endoscopic Visualization During Surgery of the Posterior Spine

The Short Vertebris Spine Endoscope can be used to provide visual assistance for a variety of posterior spinal procedures including:

- Dorsal Ramus Rhizotomy
- Posterior Cervical Discectomy
- Interlaminar Lumbar Discectomy
- Procedures involving the facet joints, lamina, and pedicles

Bi-Tip™ FlexTrode™



Designed specifically for use in endoscopic procedures such as Dorsal Ramus Rhizotomy

- Designed for Richard Wolf by Anthony T. Yeung, MD
- Two prong design facilitates transection of small nerves
- Curved tip permits wide sweeps across the transverse process
- Diameter and working length ideally suited for use through the Short Vertebri spine Endoscope working channel

Ordering Information:

Short Vertebri spine Endoscope

3.1 mm Ø working channel, 125 mm WL 89210.7253

Qui-Connect Adapter 8791.751

Sealing Attachment 8792.451

Dilator 8792.764

Short Cannulas, 7.0 mm Ø

Beveled, 110 mm WL 89220.7017

Flat tip, 110 mm WL 88100.7017

Beveled, 120 mm WL 89220.3007

Flat tip, 120 mm WL 88100.3007

Fluid Adapter

Quick Connect, for 7 mm Ø cannulas 89220.1307

Micro-Rongeur

3.0 mm Ø, 290 mm WL 89240.3003

Reprocessing Tray 88090.0007

Surgi-Max® Plus Kit

Includes Surgi-Max® Plus unit and bipolar footswitch . . 2345.0011

Bi-Tip™ FlexTrode™ Bipolar Probe

Sterile, Disposable 47220.7105

Trigger-Flex® Bipolar Probe

Sterile, Disposable 4793.692

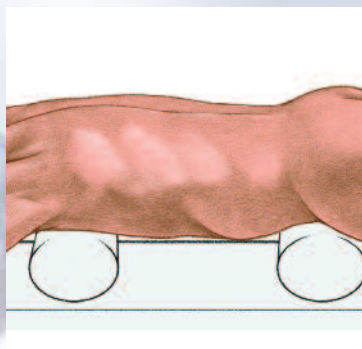
Spinal Needles

18 Ga., 90 mm, 10 / box 492206112



Technique Summary

Endoscopic Dorsal Ramus Rhizotomy by Anthony T. Yeung, MD



1. Position the Patient Prone with the lumbar spine level to the floor.



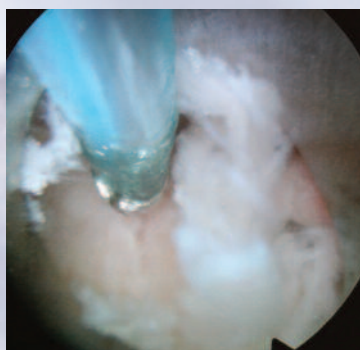
2. Insert Spinal Needles straight down onto the transverse processes, just lateral to the facet joint.



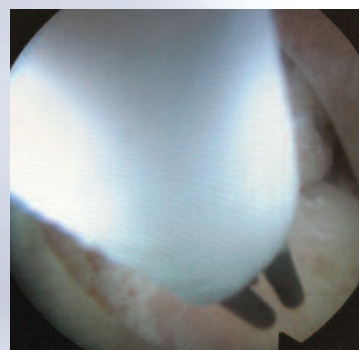
3. Establish a Portal by inserting the guide wire, the dilator, and then the working sleeve.



4. Insert the Endoscope to visualize anatomy lateral to the facet joint.



5. Optionally, use the Trigger-Flex to ablate tissue on the transverse process, coagulate bleeders and cut nerves.



6. Use the Bi-Tip FlexTrobe to ensure the medial branch is cut and, optionally, to cut the lateral and intermediate branches.

Endoscopic Dorsal Ramus Rhizotomy is a procedure that can provide patients with relief of pain associated with degenerative disease of the facet joints. Use of the Bi-Tip FlexTrobe facilitates the ablation of small nerve branches while the Short Vertebri Spine Endoscope provides visualization of the anatomy and nerves.

For more information, please contact your local Richard Wolf representative or call Customer Service at (800) 323-WOLF (9653).