**Hardy Spinal Retractor**

**INDICATIONS:**
The retractor is intended for transthoracic disc excisions through limited exposure. It also can be used for lumbar laminectomies, and could be adapted for trans-abdominal exposures for cage insertion or other applications.

**FEATURES:**
- SELF-RETAINING RETRACTOR, STAINLESS STEEL, REUSABLE.
- SELF-RETAINING LUNG RETRACTOR.
- DESIGN BASED ON A COMMONLY USED THORACIC SPREADER.
- ALLOWS FIBER OPTIC ILLUMINATION OF THE SURGICAL FIELD.
- HAS THE OPTION OF ARTICULATING BLADES
- MULTIPLE LENGTH EXCHANGEABLE BLADES

**FEATURES:**
- USED FOR TRANSTHORACIC SPINAL PROCEDURES
- SELF-RETAINING SYSTEM
- UNIVERSAL RETRACTOR
- ADAPTABLE FOR OTHER ANTERIOR AND POSTERIOR SPINAL PROCEDURES
- DURABLE AND REUSABLE

**Catalog # KS-9445**  Patent Pending

**Features:**
- Short Blades - 2.75” Deep
- Medium Blades - 5” Deep
- Long Blades - 6.5” Deep
- Long Wire Retractor

**Catalog Numbers:**
- Short Blades - KS-9445-S
- Medium Blades - KS-9445-M
- Long Blades - KS-9445-L
- Long Wire Retractor - KS-9445-W

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