

## CLEANING AND STERILIZATION:

**Cleaning:** Ultrasonic cleaning is recommended. Power washing or hand scrubbing with a soft brush is acceptable.

**Lubrication:** It is important that all threaded components be regularly lubricated with a surgically accepted instrument lubricant.

### **Sterilization:**

Gravity Sterilizer -

3 minutes at 270° F / 132° C

Prevacuum Sterilizer -

3 minutes at 270° F / 132° C

**Excessive and prolonged periods of retraction can cause tissue necrosis. Be sure to relax retractors every 20 minutes.**



A Division of Minnesota Scientific, Inc.

4849 White Bear Parkway • St. Paul, MN 55110 USA  
651-287-4300 • fax: 651-287-4400 • 1-800-367-8657  
<http://www.omni-tract.com>

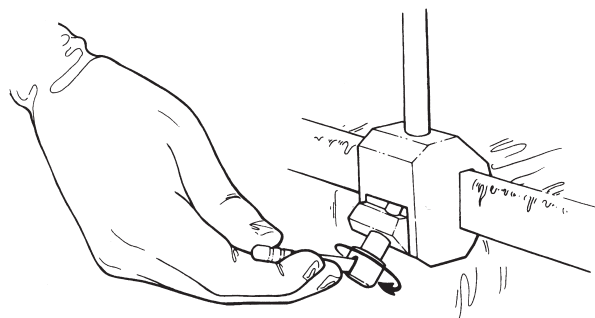


# LS50 LapoTract® Users Manual



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# 1



Place the clamp onto the table rail on the patient's right side at or above the shoulder. Secure the clamp to the table by tightening the handle on the table clamp clockwise.

# 2

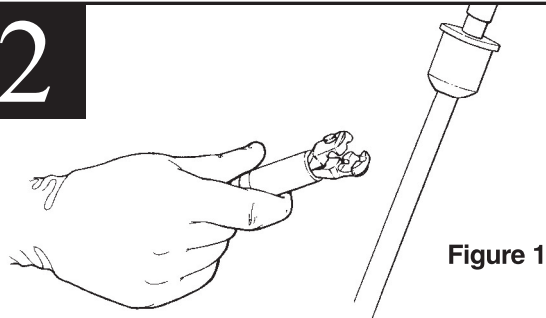


Figure 1

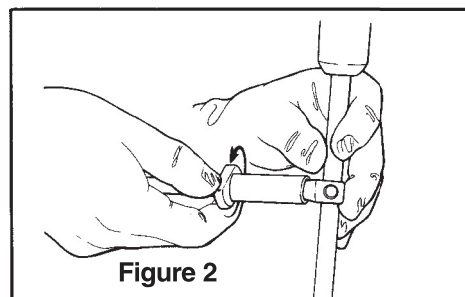
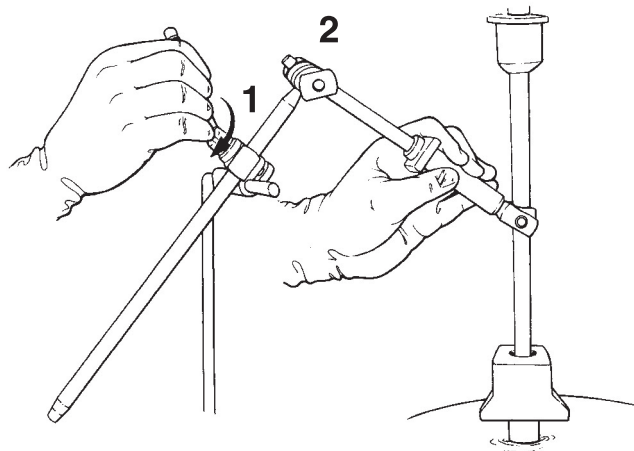


Figure 2

With the jointed sections of the arms loose, secure the distal end jaws to the retractor (**Figure 1**).

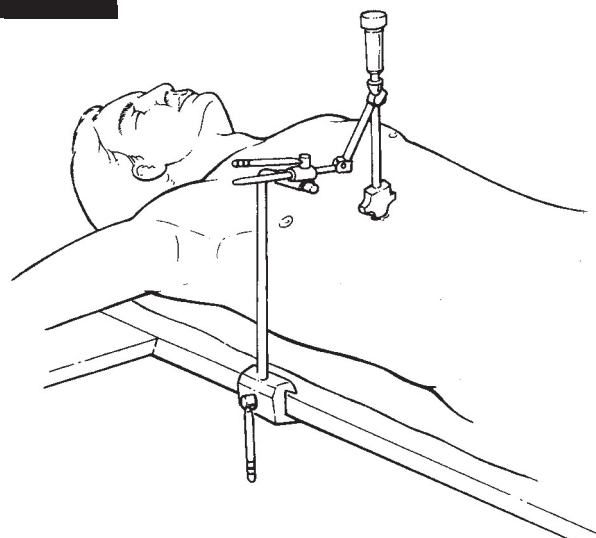
Open and close the jaws by loosening and tightening the threaded, square knob just proximal to the jaws (**Figure 2**).

# 3



Position the retractor and lock it in place by tightening the clamp on the 90 degree post (1) and on the center joint (2).

# 4



The LS50 is a low profile, stable retractor holder. Repositioning is simple and the entire system is reusable.