

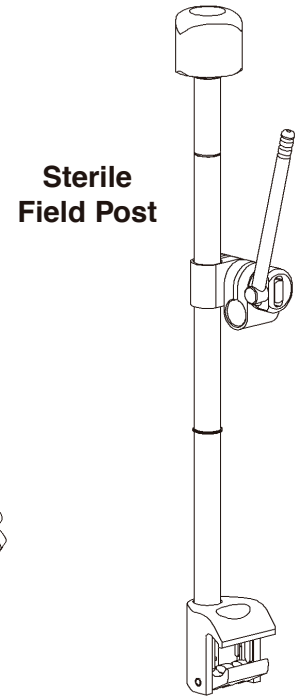
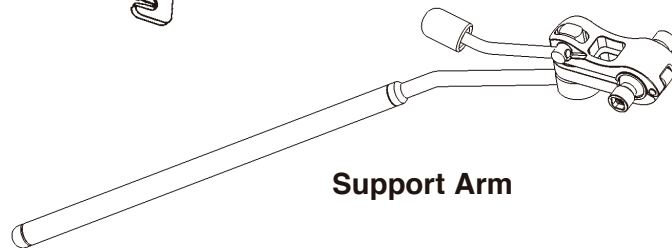
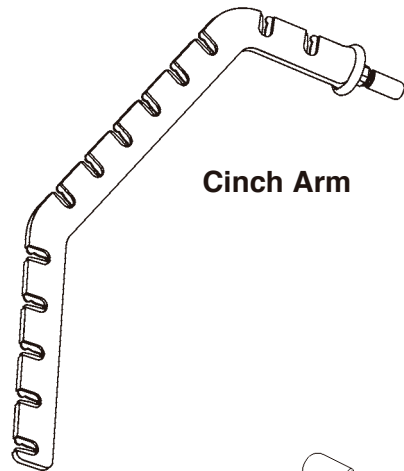
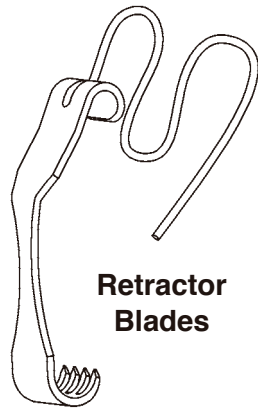
Users Manual

**OmniAccess™
Knee Retractor**



A Division of Minnesota Scientific, Inc.

System Components



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:

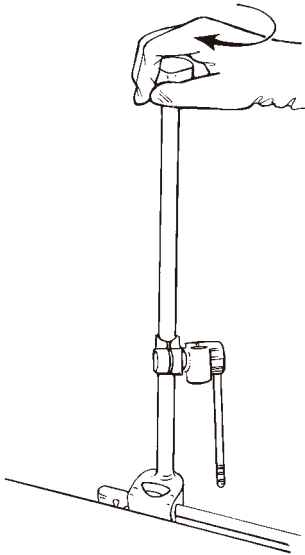
Gravity Sterilizer - 3 minutes at 270°F/132°C

Prevacuum Sterilizer - 3 minutes at 270°F/132°C

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

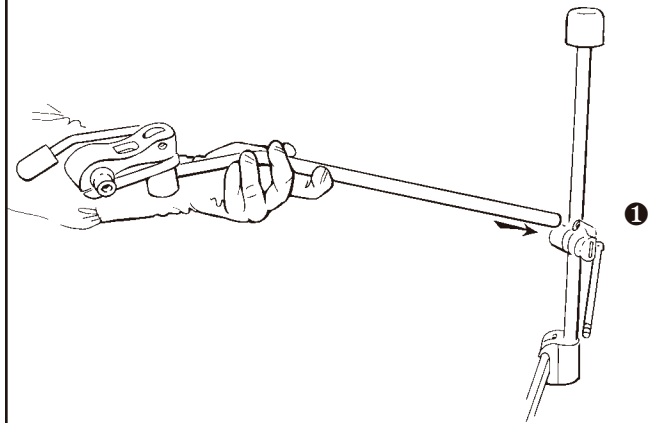
Drills and other cutting instruments can potentially damage retractor blades. Please inspect retractor blades for sharp edges or other deformities.

1



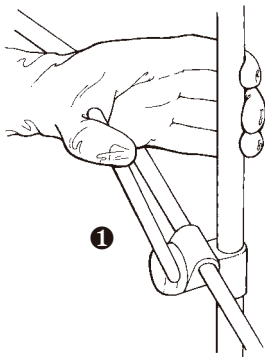
After draping, place the Sterile Field Clamp on the O.R. table rail over the drape just below the anesthesia screen. It is recommended that the clamp be placed on the same side of the table as the operative knee. Clamp placement should be a minimum of 30 centimeters from the top of the operative field. Locate the table rail underneath the drape and engage the lower jaw of the clamp on the rail. Tighten the knob at the top of the post.

2



With the securing handle of the post clamp (1) in the unlocked position, insert the support arm into the clamp.

3

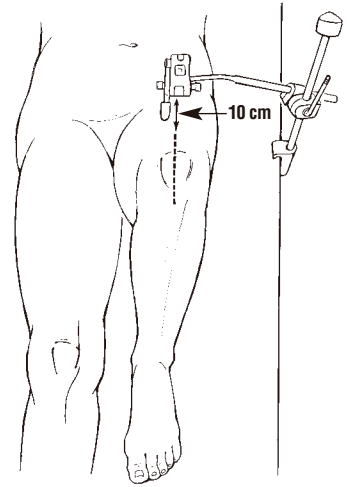


Lock the support arm position by pushing up on the securing handle (1).

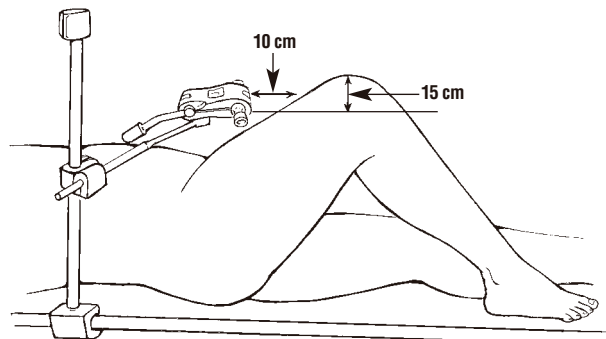
Proper set-up for a right knee.



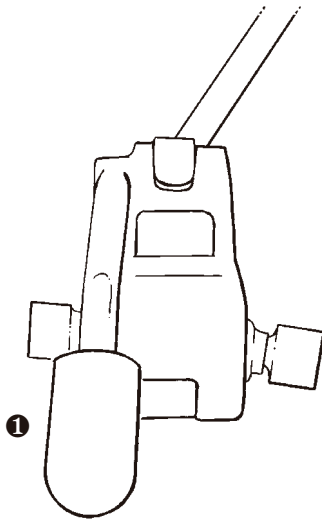
Proper set-up for a left knee.



Position the frame arm over the patients leg so that the clamp at the distal end of the arm is 15 centimeters below the top of the knee (with leg in flexion) and approximately 10 centimeters from the top of the thigh.

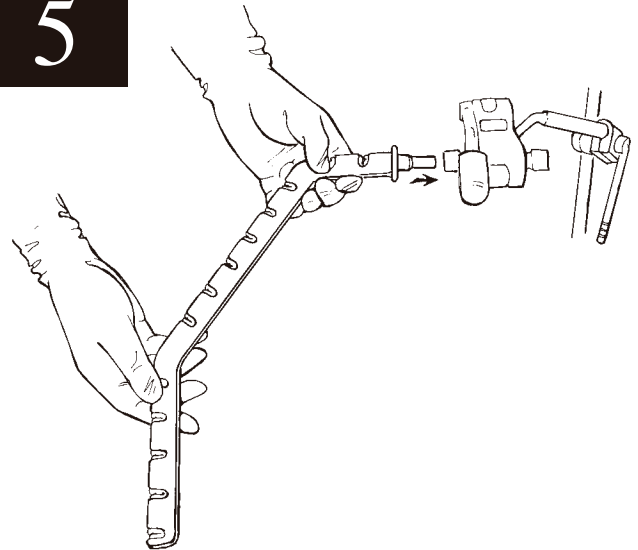


4



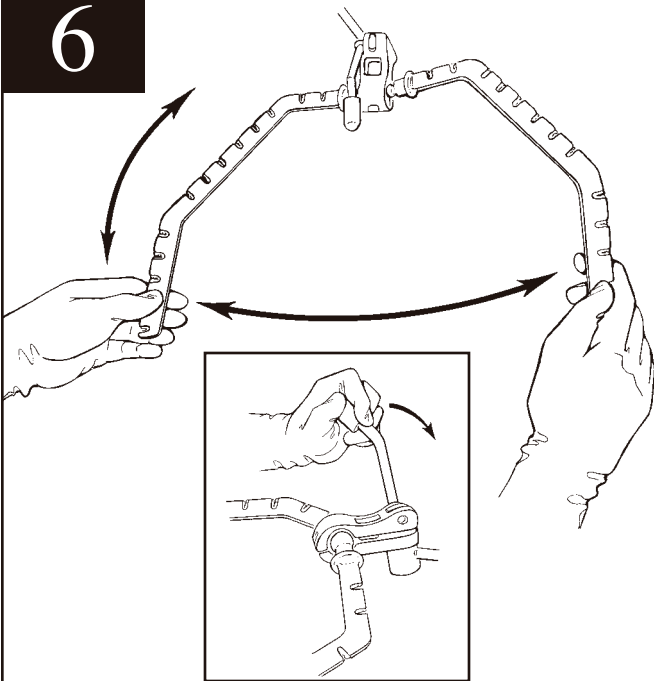
Before attaching frame arms make sure the large handle at the end of the support arm is in the unlocked position (1).

5

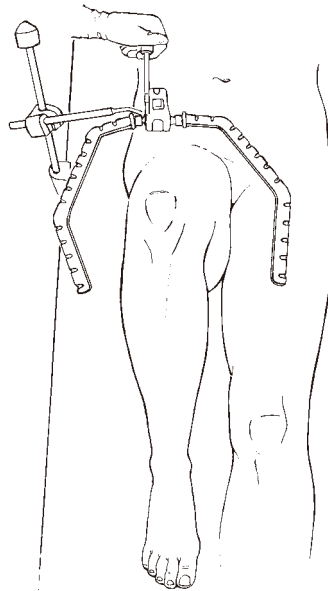


Attach frame arms to the support arm by inserting the end of the frame into the socket of the ball joint. There are flattened sections of the frame arm that will correspond to the support arm ball joint socket. The frame arms may need to be rotated within the socket in order to line up with the flattened sections of the ball socket. Remove frame arms by grasping the round flange on the arm and pulling straight back.

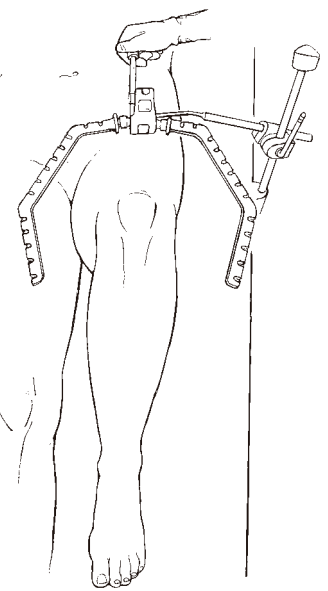
6



Right Knee

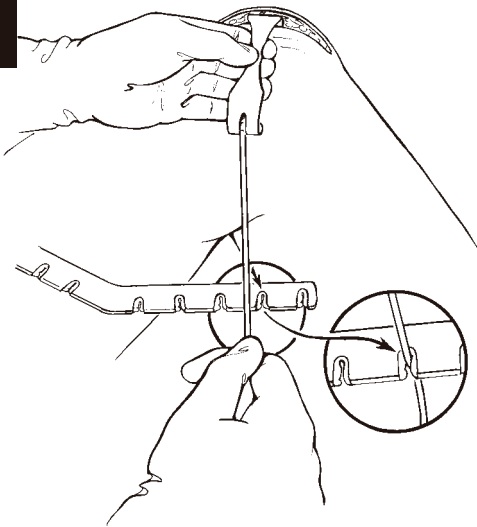


Left Knee



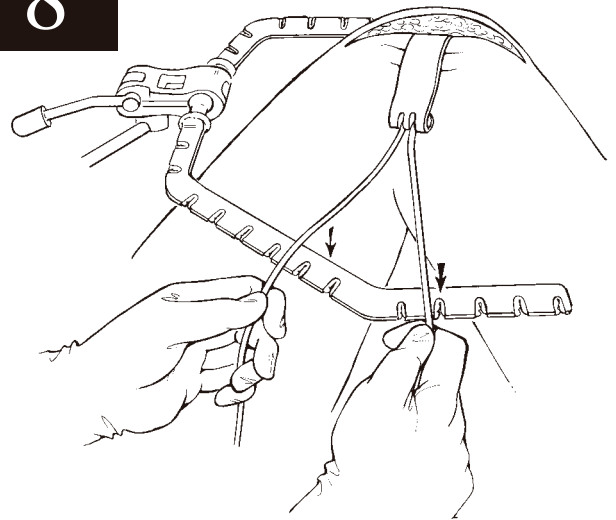
The OmniAccess frame arms can be adjusted so that they are low profile to the operative site, a minimum of 33 centimeters apart and equidistant from the leg. Lock the frame arm position by pushing the large handle back and away from the operative field (inset).

7



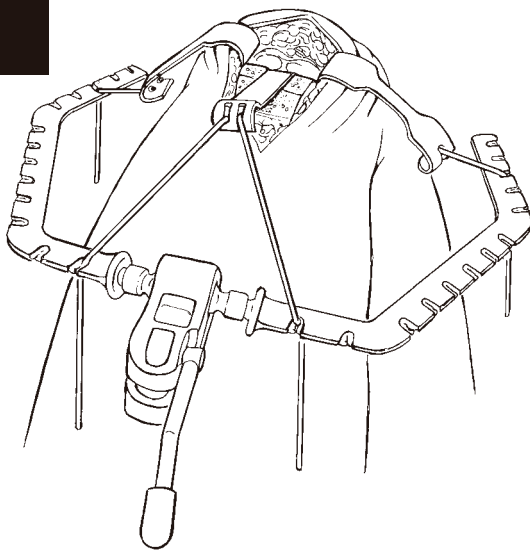
OmniAccess retractor blades are modifications of existing hand-held Hohman, Z, rakes and PCL retractors. The strap attachment allows these low profile OmniAccess blades to be attached to the frame by cinching the strap into the notches in the frame arm. With one hand maintaining the proper exposure, the other hand(s) insert the strap(s) into the frame arm notch. Be sure the strap is secured completely into the rounded section of the frame arm notch.

8



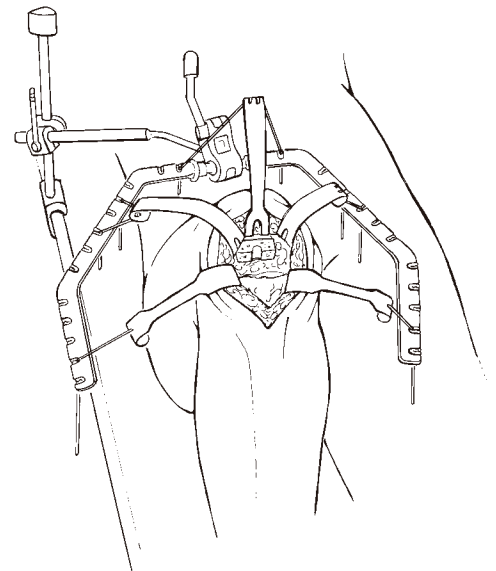
Two straps can be attached to the retractor blade to help stabilize the retractors position in the wound. Triangulate the straps to insure stable retraction. Once the desired retractor position and exposure is obtained, insert the strap into the notches on the frame arm.

9



Triangulated attachment of the PCL retractor is recommended.

10



Outstanding exposure can be achieved and maintained using the OmniAccess Knee Retractor. The resulting freed hands of the assistant can participate in the details of the procedure.



4849 White Bear Parkway • St. Paul, MN 55110-3325 USA
(651) 287-4300 • FAX (651) 287-4400 • 1-800-367-8657
<http://www.omni-tract.com>

