

# Bookwalter<sup>®</sup> Retractor System Assembly Instructions



symmetry surgical<sup>®</sup>

# Instructions For Use

- Setup differs slightly for some product codes
- Always refer to the IFU pamphlet supplied with the product

## **WARNING**

- The retractor system can exert a great amount of force on the wound edges and on tissue. Release the retractor for short periods of time or shift the blades to relieve the pressure on any one point.

# Electrosurgical Precautions

- If using monopolar electrosurgical equipment while using a BOOKWALTER Retractor, consult the basic rules of usage concerning electrosurgery, (see EN 60 601-2-2), as well as the manufacturer's instructions for use regarding specific warnings and conditions.
- Be sure to electrically isolate the patient from (high frequency leakage currents to) the operating table, in accordance with the instructions provided by the manufacturer of the electrosurgical equipment.
- Ensure that the patient does not come into contact with metal parts that are earthed or that have an appreciable capacitance to earth (for example: operating table, supports), in accordance with the instructions provided by the manufacturer of the electrosurgical equipment.
- Avoid small-area contacts with devices having a low impedance to earth at high frequencies, as unwanted burns may result.

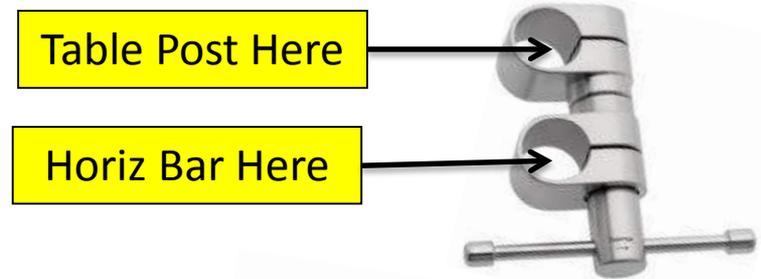
# Attach the Table Post To the OR Table



- Place the groove in the table post base on the OR table rail in the desired location
  - The table post should be attached on the same side where the surgeon will stand during the case to facilitate adjustment
  - Place the table post toward the head of the table for upper abdominal cases and toward the foot of the table for lower abdominal or pelvic cases
  - Surgeons will develop a preferred location over time
  - Be sure that the table post doesn't exert excessive pressure on the patient. It may be necessary to pad the table post or reposition the patient to prevent pressure related necrosis.
- Pull up the handle at the top of the table post and turn it clockwise to tighten onto the OR table rail

# Add the Post Coupling and Horizontal Bar

- Insert the horizontal bar or flexible horizontal bar into the locking handle side of the post coupling.
- Slide the other side of the post coupling over the table post and turn the handle clockwise to lock in position
- In this orientation the horizontal bar is further from the surgeon and creates slightly more space to work in
- Do not tighten the post coupling without table post or horizontal bars inserted



# Add the Ring

Ring Sits On  
This Surface



- Select a ring appropriate to the case and patient size
- Insert the ring into holder at the distal end of the horizontal or horizontal flex bar
- Tighten by rotating the lock clockwise
- If using a horizontal flex bar adjust the position of the ring to the desired location and turn the locking handle clockwise to lock it in place



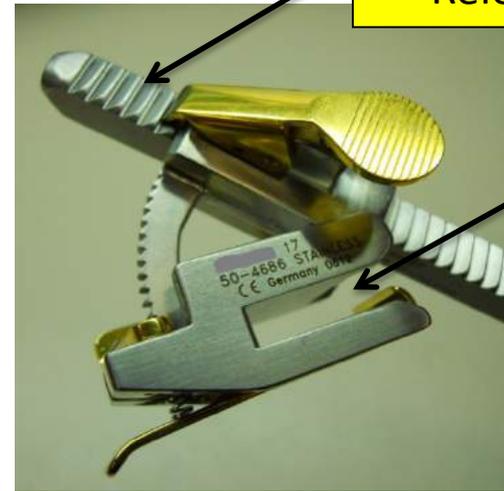
Tighten Here

# Add Ratchets & Blades

- Select blades appropriate to the case
- Select ratchets based on required function:
  - Flat
  - Tilting
  - Rotating
  - Self-retention
- Insert blade into the ratchet:
  - From the side facing the wound
  - So the gear rack faces the blade release lever
- Slide ratchet onto outside of ring
- Retract as required
- Periodically release blades to prevent pressure necrosis of retracted tissue



Rack Facing Blade Release Lever



Slide Onto Ring Here