

Arthroscopy Limb Positioners



LIMB POSITIONERS
for HIP, KNEE, DISTAL EXTREMITIES
and SHOULDER

Arthrex® 

HIP DISTRACTION SYSTEM

HIP DISTRACTION SYSTEM (AR-6529S)

The lightweight, yet rigid hip distraction and positioning system attaches to all major OR beds via Clark Rail Adapters and is simple and straightforward for one person to assemble in seven easy steps. Both leg spars provide precisely-controlled, lower-extremity positioning and traction over the unique perineal post system to facilitate pelvic balancing and safe distraction during open and arthroscopic hip procedures. The novel foot boots provide multi-direction stability of the calf, foot and ankle under traction to prevent heel lift, and can be detached and controlled during the procedure to check hip range of motion after osteoplasty and soft tissue reattachment and reconstruction procedures. All of the components of the Hip Distraction System disassemble and store neatly and securely on a rolling storage cart.



KNEE POSITIONING

LOW PROFILE LEG HOLDER (AR-1500)

Designed with an internal Velcro™ lining to accommodate a pressure tourniquet or foam insert, the Low Profile Leg Holder provides secure control of the thigh during varus/valgus manipulation or internal/external lower leg rotation.

By incorporating the tourniquet in the leg holder, maximum exposure of the distal thigh is obtained, essential for arthroscopic ACL reconstruction procedures.

UNIVERSAL LIMB POSITIONER (AR-1520)

This versatile system, designed in conjunction with William E. Nordt, M.D., of Richmond, VA, can be used for arthroscopic or open procedures such as femoral nailing, total knee arthroplasty and femoral or tibial fracture management.

The plastic Delrin horizontal post is radiolucent to accommodate intraoperative x-ray application. Disposable post padding provides a safe, posterior knee support.

The padded vertical posts are easily connected to provide a lateral post when applying varied varus/valgus stress to the knee.



Tibial Position



Ankle Position



Lateral Post Position



Figure 4 Position



SMALL JOINT HOLDERS



Elbow Arthroscopy



Pediatric Knee Arthroscopy



a

SMALL JOINT LIMB HOLDER (AR-1506) (a)

Designed in conjunction with Champ L. Baker, M.D., of Columbus, GA, the Small Joint Limb Holder provides a stable platform for arthroscopy or open procedures of the elbow and ankle. It mounts conveniently on surgical tables and adjusts for height, width and rotation to maximize visualization and limb stability. The internal tourniquet option facilitates controlled visualization when conversion is made to an open procedure.

The Small Joint Limb Holder is also ideal for pediatric knee arthroscopy. The adjustable side supports accommodate multiple limb sizes with either a disposable foam cushion or pressure tourniquet.

ANKLE DISTRACTION STRAP (AR-1712) (b)

The noninvasive Ankle Distraction Strap is designed to cradle the foot for safe, soft tissue distraction. It is made of strong nylon strapping material with soft, nonslip foam pads (c) for patient comfort and secure hold. This easy-to-use, one-size-fits-all device offers effective traction and grip which gives the surgeon a distinct advantage over current distraction devices.



b



c

ANKLE ARTHROSCOPY DISTRACTOR (AR-1713) (d)

A new innovative design removes the distractor mechanism away from the surgeon, and allows ease of tensioning with the ergonomic tensioning wheel.

Ankle Arthroscopy Distractor Features:

- Clark rail adapter allows ease of attachment to bed rails even over multiple drapes.
- Offset tensioning wheel allows easy control of distraction, while remaining out of the surgeon's working area.
- Available with tensiometer to dial-in precise distraction for every case.
- Simple set-up and fully sterilizable with ease.
- Clips onto the Ankle Distraction Strap.

d

WRIST & HAND TRACTION

WRIST TRACTION TOWER (AR-1611S)

Designed in conjunction with David M. Auerbach, M.D., of the Southern California Orthopaedic Institute (SCOI), the Wrist Traction Tower facilitates arthroscopic surgery of the wrist by maintaining the arm in a position comfortable for the patient, as well as accessible to the surgeon.

The tower provides traction at the fingers using sterile Finger Traps available in four sizes. A counter traction boom at the upper arm allows distraction and stable positioning of the wrist for operative procedures including closed reduction of fractures with pins or external fixation.

The Wrist Traction Tower can be used for wrist arthroscopy to treat injuries to the TFCC (Triangular Fibrocartilage Complex), ligaments and bone. One procedure in particular, the ulnar head wafer procedure, involves burr resection of a few millimeters of the ulnar head. This needs to be done through full rotation of the wrist (supination and pronation). The hand stabilizer post helps hold the wrist from full pronation to full supination, freeing the surgeon's hands to facilitate the procedure.

Designed as a safe, effective alternative to finger traps, the Atraumatic Hand Holder provides secure, comfortable traction for any upper extremity distraction or manipulation. It easily hooks onto the wrist tower *or* the shoulder traction device (see next page).



Atraumatic Hand Holder Traction Attachment



Radiolucent hand stabilizer snaps easily onto the Wrist Traction Tower after autoclaving



Single use sterile Finger Traps & Hand Pads



SHOULDER POSITIONING

LATERAL DECUBITUS SHOULDER TRACTION TOWER (AR-1630)

The versatile Lateral Decubitus Shoulder Traction Tower allows for abduction, forward flexion, and traction during open and arthroscopic procedures. The single boom arm can be easily adjusted with two independent hand cranks. These cranks provide for simplified intraoperative adjustment of abduction and forward flexion.

Traction weights are hung off the single pulley traction cable located away from the operative field. Multiple positioners found along the traction cable permit simple length adjustment, making it easy to keep weights off the floor at all times and in all situations.

This traction tower attaches easily to the standard OR table Clark Rail. The universal carabiner clamp makes the system compatible with all STaR (Shoulder Traction and Rotation) Sleeves. When not in use the system can be folded, minimizing the storage space required in the OR suite. In addition, the optional storage stand (AR-1600SS) is available and facilitates storage and transport between various locations.

LATERAL TRACTION ARM SLEEVE (AR-1635)

The Lateral Traction Arm Sleeve provides the surgeon with a simple “roll-down” solution for traction in the lateral decubitus position. This kit includes the nylon/spandex arm sleeve, 4” Coban™, superficial radial nerve pad, and 7 foot rope with S hook. The nerve pad can be used over or under the sleeve to protect the superficial radial nerve from compressive type injury. This sleeve can be used with the Lateral Decubitus Shoulder Traction Tower or 3-Point Shoulder Distraction System. In addition, the rope with S hook allows the sleeve to be used with other traction towers. The entire system is latex free and all components are provided sterile.



SHOULDER POSITIONING

3-POINT SHOULDER DISTRACTION SYSTEM (AR-1600M)

Designed in conjunction with Stephen J. Snyder, M.D., of Van Nuys, CA, this versatile system provides safe, effective and easy positioning of the shoulder during all types of arthroscopic or open shoulder surgery performed in the lateral decubitus position.

3-point shoulder traction with a lateral strap permits ideal shoulder positioning for improved access to the anterior glenohumeral joint. During shoulder arthroscopy or bursoscopy (decompression, Mumford surgery or bone removal), single point traction may be selected at any desired angle of abduction by transferring weights to the third traction cable. The overhead pulley allows infinite adjustability for abduction.

The 3-Point Shoulder Distraction System attaches easily to standard OR table Clark Rails and has color coded cable ends for easy identification when transferring traction weights.

STaR™ (Shoulder Traction and Rotation) SLEEVE

The STaR Sleeve is a sterile, soft foam traction boot designed to gently cradle the arm, forearm and wrist during distal distraction in any desired position of abduction.

The lateral traction and rotation strap included with each STaR Sleeve provides lateral traction to improve visualization in the shoulder joint. When a “mini-open” rotator cuff repair is performed in the lateral position, the lateral strap can be used to hold the arm in internal or external rotation, obviating the need for a surgical assistant to perform this task.

The STaR Sleeve is used with the 3-Point Shoulder Distraction System or the Lateral Decubitus Traction System.

The Cushioned Lateral Traction Sling is an economical alternative to the STaR Sleeve when used with the Atraumatic Hand Holder Traction Attachment.



SHOULDER POSITIONING

TRIMANO SUPPORT ARM (AR-1640)

TRIMANO acts as the surgical team's "third hand" by securely and safely holding the patient's arm in desired positions during arthroscopic or open shoulder surgery performed in the beach chair position. The compact and lightweight device is easily attached to any OR table Clark Rail and is ready for immediate use. No additional power or air connections are required. The patient's arm can be moved in multiple directions by simply pressing the TRIMANO's handle. Releasing the handle locks it into the desired position.

The convenient TRIMANO Beach Chair Kit includes a sterile drape for the Support Arm, an ergonomically designed foam arm holder and Coban. The kit allows for quick and easy patient preparation while gently protecting the operative arm.



TRIMANO Adapter



TRIMANO Beach Chair Kit



SHOULDER POSITIONING

BEACH CHAIR POSITIONER SYSTEM (AR-1627)

The Lift-assist Beach Chair Positioner system allows unobstructed posterior access and makes repositioning the patient quick and easy. The free-sliding head positioner feature protects the patient's neck when raising and lowering the table and the fold-away shoulder wings remove completely for unobstructed shear-free access to the operative shoulder. The lift-assist design enables nearly effortless positioning as the piston supports most of the patient's weight.



PRODUCT ORDERING INFORMATION

Hip Distraction System	AR-6529S
<hr/>	
Low Profile Leg Holder	AR-1500
Replacement Buckle for AR-1500	AR-1500B
Foam Cushion Insert for Leg Holder, qty. 5, <i>SU</i>	AR-1502
Main Strap	AR-1500-10
Universal Limb Positioner	AR-1520
Universal Limb Positioner Foam Cushions, 1 set of three pieces	AR-1521
<hr/>	
Wrist Traction Tower	AR-1611S
Finger Distraction Attachment	AR-1614
Foam Insert for Counter Traction Boom, qty. 5, <i>SU</i>	AR-1615
Finger Traps, small, sterile, qty. 5, <i>SU</i>	AR-1616-S
Finger Traps, medium, sterile, qty. 5, <i>SU</i>	AR-1616-M
Finger Traps, large, sterile, qty. 5, <i>SU</i>	AR-1616-L
Finger Traps, x-large, sterile, qty. 5, <i>SU</i>	AR-1616-X
Foam Hand Pads, sterile, qty. 5, <i>SU</i>	AR-1617
Atraumatic Hand Holder Traction Attachment	AR-1602D
<hr/>	
Small Joint Limb Holder	AR-1506
Ankle Distraction Strap, sterile, <i>SU</i>	AR-1712
Ankle Arthroscopy Distractor	AR-1713
Foam Insert for Small Joint Limb Holder, qty. 5, <i>SU</i>	AR-1507
<hr/>	
3-Point Shoulder Distraction System	AR-1600M
Traction Scale Attachment	AR-1604
Weight Hanger Rod	AR-1607
5 lb. Slotted Disc Weight	AR-1608
2.5 lb. Slotted Disc Weight	AR-1609
1.25 lb. Slotted Disc Weight	AR-1610
Storage Hook and Wall Mount	AR-1605S
Storage Stand for Limb Positioner	AR-1600SS
<hr/>	
Lateral Decubitus Shoulder Traction Tower	AR-1630
Storage Stand for Limb Positioner	AR-1600SS
<hr/>	
STaR Sleeve, compact, Coban, sterile, qty. 6, <i>SU</i>	AR-1606C
STaR Sleeve, Coban, sterile, qty. 6, <i>SU</i>	AR-1606
STaR Sleeve, Velcro, sterile, qty. 6, <i>SU</i>	AR-1606V
STaR Sleeve, Velcro, extra long, sterile, qty. 6, <i>SU</i>	AR-1606LV
STaR Sleeve, Velcro, small, sterile, qty. 6, <i>SU</i>	AR-1606SV
Cushioned Lateral Traction Sling, qty. 6, <i>SU</i>	AR-1603
Lateral Traction Arm Sleeve (<i>to be used w/AR-1630 or AR-1600M</i>)	AR-1635
<hr/>	
TRIMANO Support Arm	AR-1640
TRIMANO Adapter	AR-1641
TRIMANO Beach Chair Kit, qty. 6	AR-1644
TRIMANO Elbow Kit	AR-1646
<hr/>	
Lift-assist Beach Chair Positioner, required	AR-1627
LPS Arm Support, required	AR-1627-01
Counter Traction Strap, required	AR-1627-03
Universal Head Positioner, required	AR-1627-05
Universal Head Positioner Disposable Kit, sterile, qty. 10	AR-1627-06
Easy Lock Socket, qty. 2, required	AR-1627-12
Beach Chair Cart	AR-1627-13

SU - single use

