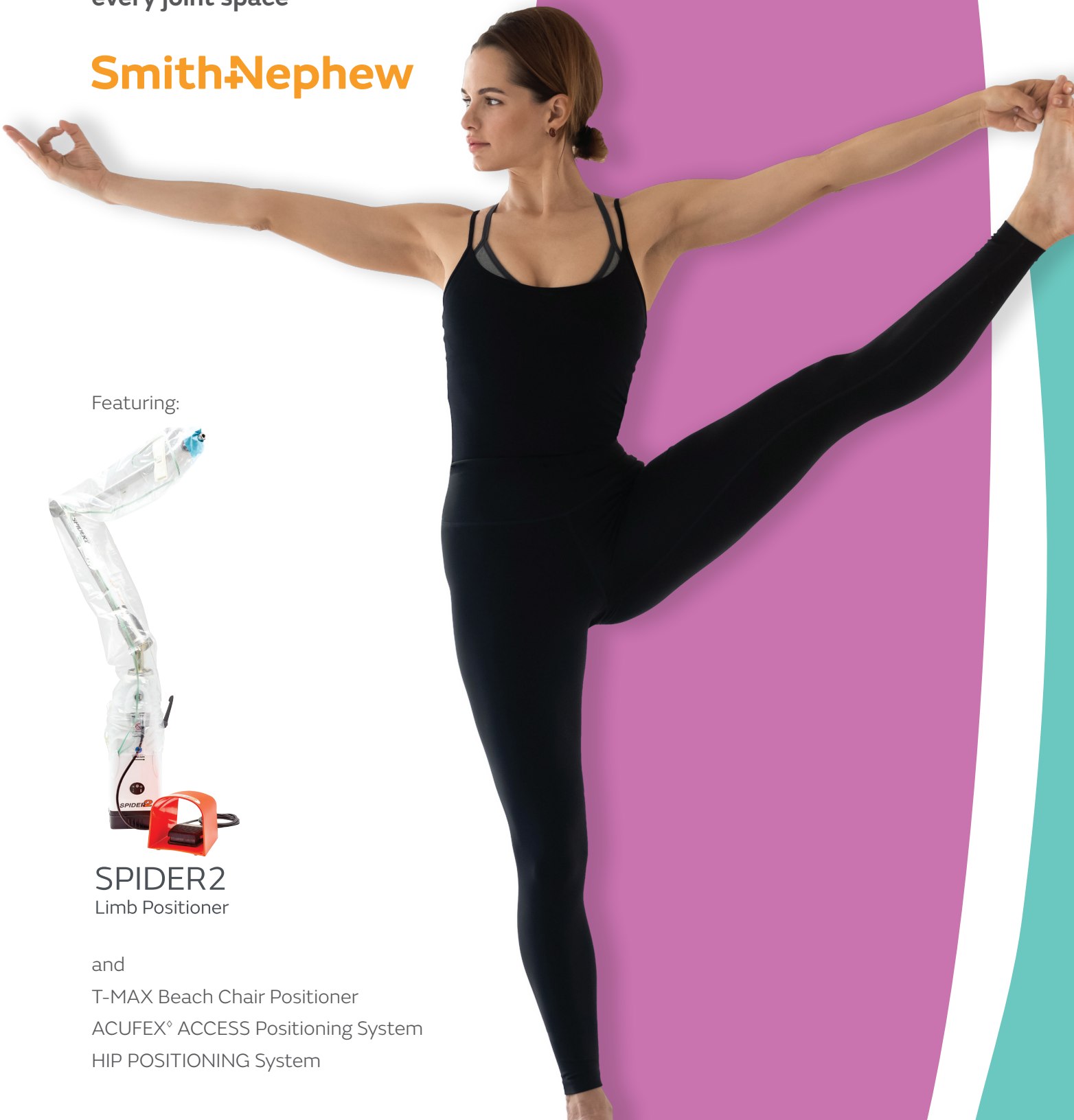
Positioning made easy

Improving access to virtually every joint space

Smith+Nephew



Featuring:

SPIDER2
Limb Positioner

and

T-MAX Beach Chair Positioner

ACUFEX® ACCESS Positioning System

HIP POSITIONING System

Complete solutions for patient positioning

No matter which joint space you need to access, there's a Smith+Nephew patient positioning system for you. From knees, shoulders and hips to elbows, ankles and wrists, our positioning systems give you unimpeded access to compliment your technique.



SPIDER2 Limb Positioner

SPIDER2 is a multi-procedure limb positioner designed to provide unimpeded access to the joint and allows you to perform surgery in any position for your arthroscopic and open procedures in the shoulder, elbow, wrist, knee and ankle.[1]

Ball joints

Three ball joints allow SPIDER2 to be oriented in various positions to give surgeons access to the joint space and to support the limb intra-operatively

Switch drape with distal activation

A sterile drape allows the surgeon to perform all positioning adjustments and traction from within the sterile field. An optional switch drape is available, which eliminates the need for a foot pedal

Setup button

The setup button activates the system prior to draping, allowing surgical technicians to position SPIDER2 without needing the foot pedal or switch drape

Index handle

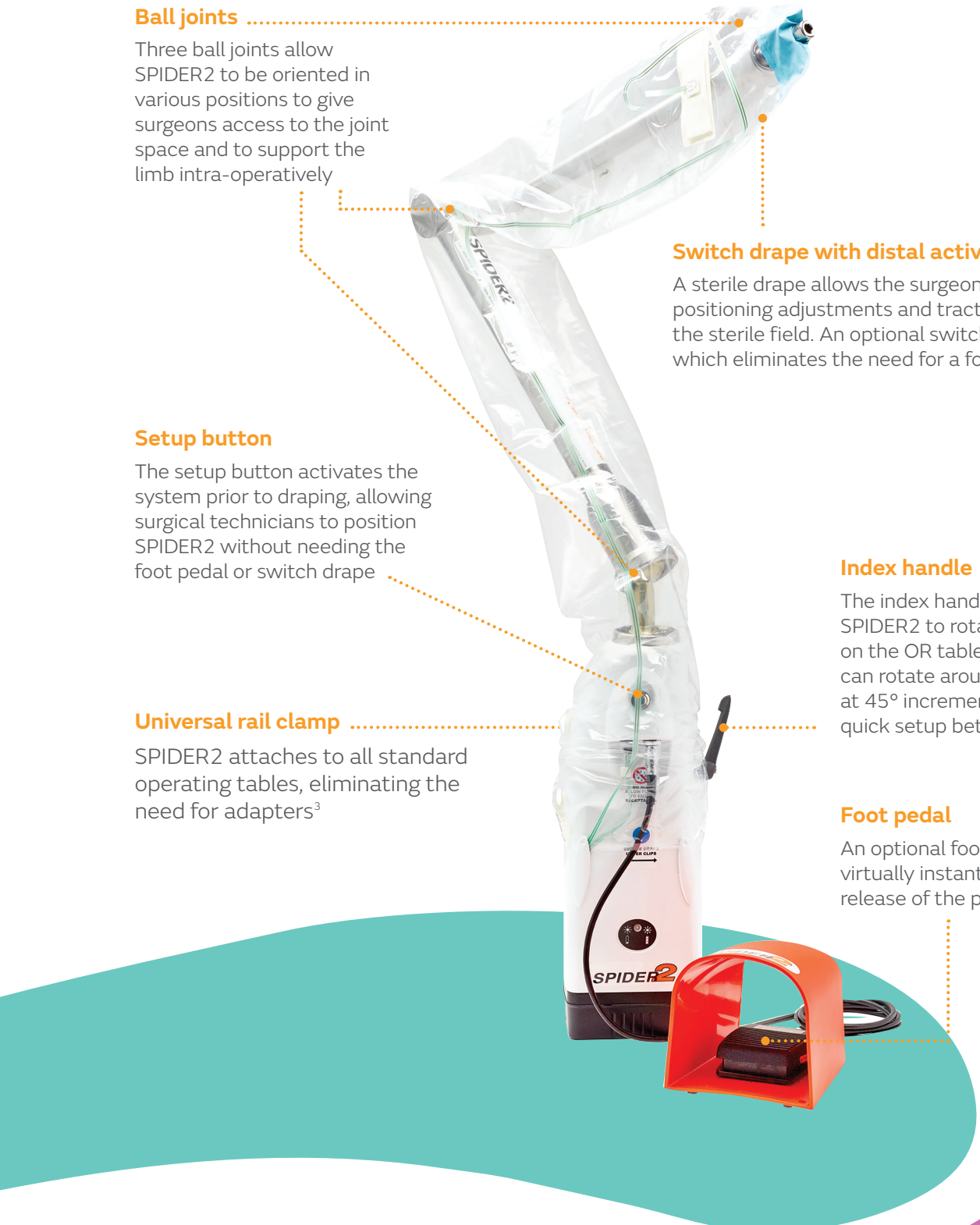
The index handle allows SPIDER2 to rotate a full 360° on the OR table rail. SPIDER2 can rotate around the clamp at 45° increments, allowing for quick setup between cases

Universal rail clamp

SPIDER2 attaches to all standard operating tables, eliminating the need for adapters[3]

Foot pedal

An optional foot pedal allows for virtually instantaneous activation/ release of the positioner[2]



SPIDER2 Limb Positioner

Offering instantaneous repositioning, our SPIDER2 delivers control of abduction, rotation and forward flexion in both beach chair and lateral decubitus positions for both arthroscopic and open shoulder procedures.[2, 4-6]



Beach Chair

- SPIDER2 can attach to T-MAX or a standard OR table rail and holds the arm steady for shoulder procedures in the beach chair position[3]
- T-MAX is designed to provide optimal head positioning for the anesthesiologist with a wide range of head rest motion and the intubation tree



SPIDER2



Lateral Decubitus

- SPIDER2 provides control of internal/external rotation, abduction and forward flexion, and both gross and fine traction within the sterile field without the need for weights[6, 17, 18]
- The Lateral JACK, designed for use with SPIDER2, lifts the head of the humerus to create more working space in the shoulder joint during instability repairs



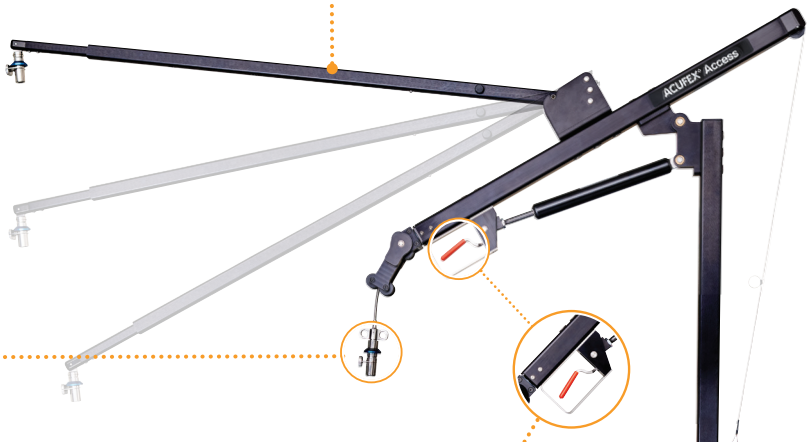
Lateral JACK

ACUFEX◊ ACCESS Positioning System

ACUFEX ACCESS Positioning System was designed with ease of use in mind. By providing limb abduction, rotation, flexion and optimal lateral traction controls, our dedicated system allows you to customize your positioning solution to meet both technique and repair site needs without complexity, and allows for precise shoulder position within the sterile field.[7, 8]

Optional lateral traction boom

Designed to increase access to the repair site. Length and height are adjustable, allowing for a range of positions to meet varying patient sizes and surgeon preference[7, 8]



Internal and external rotation

Unique rotation control allows surgeons and staff to rotate the arm in one fluid motion within the sterile field[8]

Abduction lever

A simple press of the lever allows surgeons and staff to abduct or adduct the arm within the sterile field

Cable management

A single point of weight attachment, the reusable cable and hook eliminates the need to tie knots





ACUFEX ACCESS Cart



ACUFEX ACCESS
Advanced Positioning Kit

Universal clamp

The system can be attached to any standard OR table rail in one simple step[3, 8]



Flexion control

An easy-to-turn hand control is used to flex and extend the arm[7, 8]

T-MAX Beach Chair Positioner

Operating with confidence, the T-MAX Beach Chair Positioner affords the entire operating room staff the tools needed to position patients for beach chair shoulder arthroscopy and open procedures.[9] Offering a dual ball and socket head rest, adjustable lateral supports, sliding shoulder pads and more, the T-MAX is a unique beach chair positioner that benefits surgical staff, anesthesiologists and surgeons.[9, 24, 25] Equipped with adjustable table legs and a variety of rail clamps, the T-Max fits a wide array of OR table offerings.

Hydraulic assist mechanism







Access

Optimize access to the repair site. T-MAX slides laterally on the frame to either side of the OR table bringing the patient closer to the surgeon. The sliding shoulder pad laterally adjusts with ease to maximize exposure or fully support the posterior aspect of the operative shoulder.[9]

Versatility

Suitable for arthroscopic and total shoulder procedures, our T-MAX Beach Chair Positioner attaches to a variety of OR tables and offers head rest movement and an intubation tree, well arm positioning and body support.

Stability

Securely holds the patient while positioning and re-positioning between 0 and 90°. Built-in lateral supports are designed to provide sturdy counter traction when distracting the operative arm.

Intubation tree

Used to hold intubation tubing and can simply be rotated out of the way if not required

Face mask

The disposable face mask allows attachment to head rest

Head rest

Offers a wide range of positions of tilt and rotation, maintaining the patient's head and airway in a static position throughout the procedure

Shoulder pad

Sliding shoulder pad and posterior placement can provide stability and allow for unrestricted access to the surgical site[9]

Lateral support pads

Designed to ensure patient stability while providing counter traction when distracting the operative arm



Non-operative arm board (static)

Provides support and adjustability for the non-operative arm

Lateral adjustment

Allows the T-MAX to slide laterally on the frame, positioning patients close to the surgeon

Hydraulic assist mechanism

Assists in raising and lowering patient

Spider rail

The only beach chair positioner designed to work with the SPIDER Limb Positioner

Knee bolster

Assists in preventing the patient from sliding down the table

Hip Positioning System

Regardless of a surgeon's approach to hip arthroscopy, our positioning system has multiple configurations for maximum flexibility during the procedure.[10]

The simple design of our Hip Positioning System eliminates unnecessary strain on the OR staff, and the advanced configuration helps minimise change over time between cases[10, 26] – an essential in an ASC where changeover time is limited. Our system's small footprint is ideal when space and storage are restricted.



Cart allows for easy transport and creates a small footprint for storage

Quick disconnect

Enables the boot to easily attach and detach from the system. It will also help minimize constraint to allow for a wide range of motion intraoperatively[10, 11]

Internal and external rotation

Rotation of the foot can be controlled with the turn of a knob



Gross and fine traction

The control system allows for easy adjustment of fine and gross distraction to eliminate unnecessary strain on OR staff[10, 27]



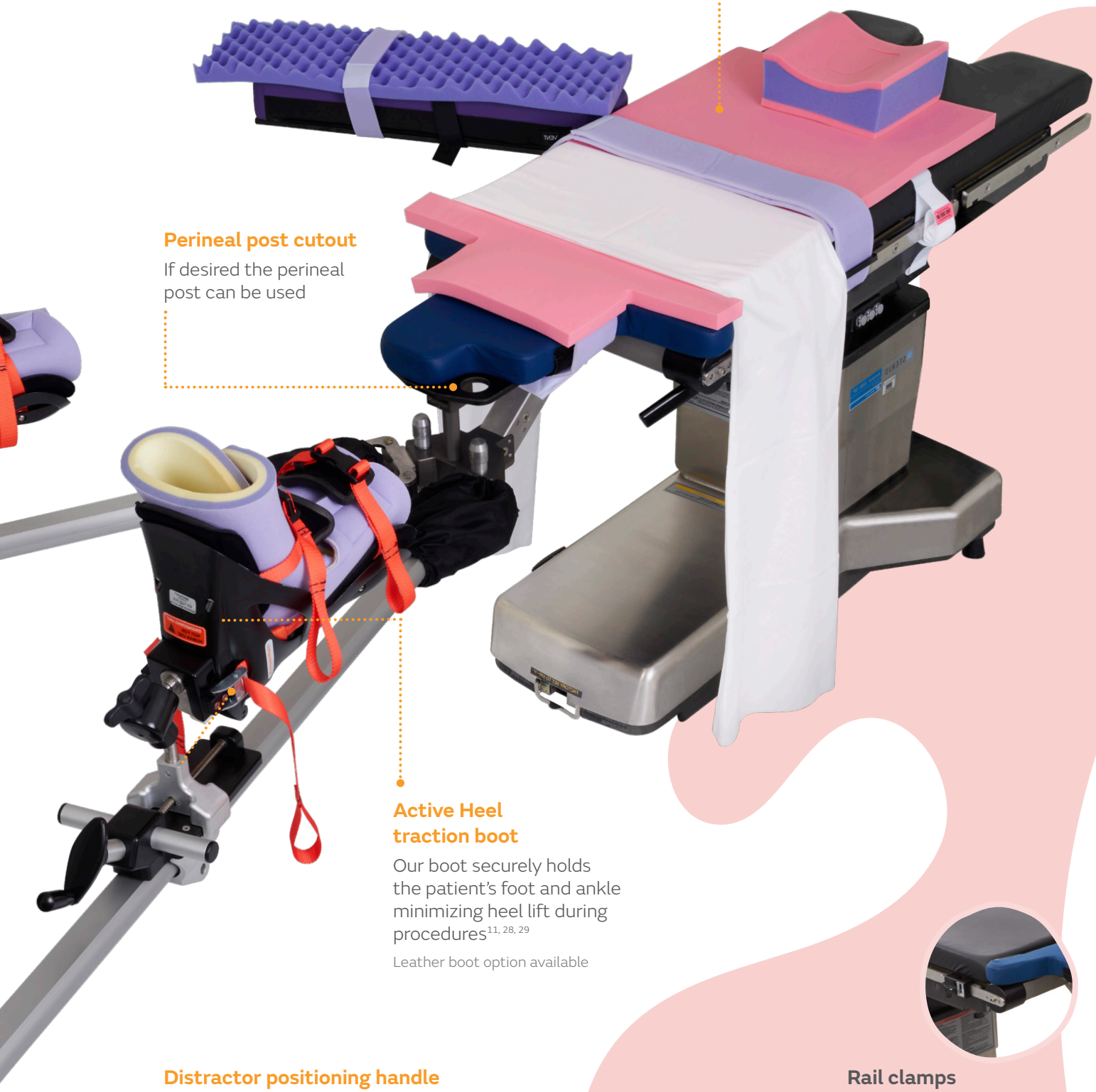
Lateral System

Lateral and Supine Systems available to meet your hip arthroscopy technique requirements



Pink Hip Kit®

Includes a pad made without latex rubber, which allows surgeons to distract the hip joint without a perineal post



Perineal post cutout

If desired the perineal post can be used

Active Heel traction boot

Our boot securely holds the patient's foot and ankle minimizing heel lift during procedures[11, 28, 29]

Leather boot option available

Distractor positioning handle

A turn of the handle allows OR staff to adduct, abduct, flex and extend the leg. Releasing the handle automatically locks the distractor in place to prevent movement after hip is repositioned

Rail clamps

Designed to attached to the majority of OR tables, eliminating the need for an expensive fracture table

SPIDER2 Limb Positioner

Versatile and controlled, the SPIDER2 Limb Positioner allows for a full range of motion in arthroscopic and total knee procedures.



SPIDER2
Leg Accessory

Leg Accessory

- Designed for use with SPIDER2 to provide stable positioning for knee procedures, especially for those that require bone tunnel drilling or meniscal repairs[12]
- The surgeon has the ability to make changes to the internal/external rotation, hyperflex or extend the knee, or make a modified figure-four position[12]
- Easy to secure the boot[12]



SPIDER2 Distal Thigh Holder

Distal Thigh Holder

- Designed for use with SPIDER2 to provide stable positioning for both arthroscopic and open knee procedures that do not require traction
- The lower limb hangs freely using gravity to open the joint space
- Easily disconnects during surgery[13]
- The sterile stabilization kit can be placed over a tourniquet[13]



Meniscal Post

The Meniscal Post provides a pivot point for levering the operative leg therefore increasing access to the medial joint space during arthroscopic knee procedures.



Meniscal Post

- Can be used with or without the SPIDER2 leg accessory
- Can be raised, locked into position and lowered all from within the sterile field[14]
- The design allows for both varus and valgus force to be applied[14]
- The shaped pad is designed to conform to the patient's anatomy
- Attaches to the OR table rail for simple setup

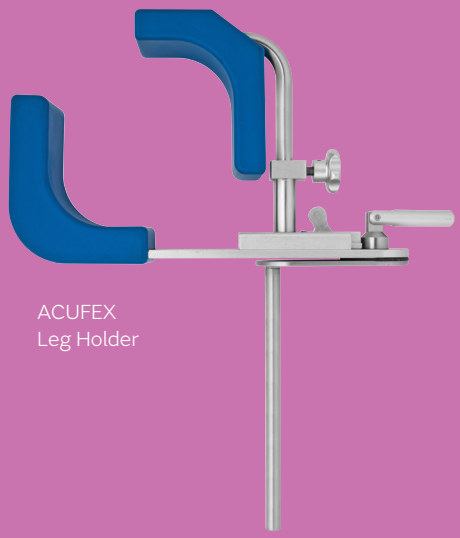


ACUFEX◊ and SURGICAL ASSISTANT Leg Holder

Offering two standalone leg holder positioning solutions, Smith+Nephew provides the ability to customize your knee positioning requirements to fit your knee procedure techniques.

The ACUFEX Leg Holder and SURGICAL ASSISTANT Leg Holder:

- Attach directly to the OR table
- Provide both height and width adjustments to accommodate patients of varying sizes



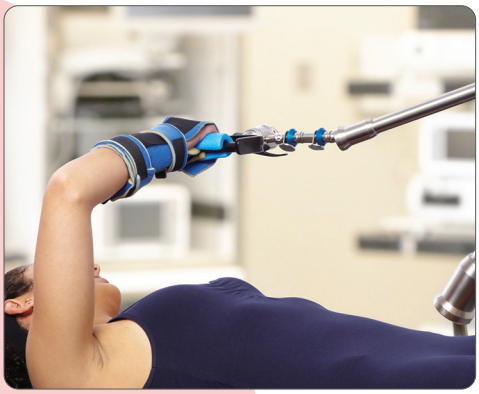
ACUFEX
Leg Holder



SURGICAL ASSISTANT
Leg Holder

SPIDER2 Limb Positioner

By using our SPIDER2 extremity accessories you are able to achieve measurable traction while obtaining unimpeded access to the ankle, wrist and elbow during arthroscopic and open procedures.[1, 15]



SPIDER2 Elbow Accessory

Elbow Accessory

- Facilitates ideal positioning for supine elbow arthroscopy procedures[1, 15]
- Enables positioning of elbow in extended or flexed position[1, 15]
- Pronation and supination can be locked/unlocked via the 90 degree connector



SPIDER2 Wrist Accessory

Wrist Accessory

- Facilitates positioning for pinning and fracture work[16]
- Designed to provide control of both supination and pronation positioning
- Designed to allow for full control of gross traction and fine-measured traction
- The wrist stabilization kit comes in three sizes and with secure finger straps to evenly distribute force



SPIDER2 Ankle Accessory

Ankle Accessory

- Designed for quick and simple setup[12, 19, 20]
- Designed to control angle of knee flexion[12, 19, 20]
- Measurable traction with the Traction Accessory
- Requires the FERKEL™ Thigh Holder for counter traction
- Provides unobstructed support from underneath operative foot



Western Elbow Positioner

The Western Elbow Positioner fits into a Clark Clamp and provides positioning options for lateral and prone elbow procedures.

- Low profile device provides exposure to the operative elbow. The slim design of the pad allows for easy draping
- Support Bar can be positioned close to the patient's chest which provides more room around the elbow to work
- The Bicep Strap secures the patient's arm to the support pad



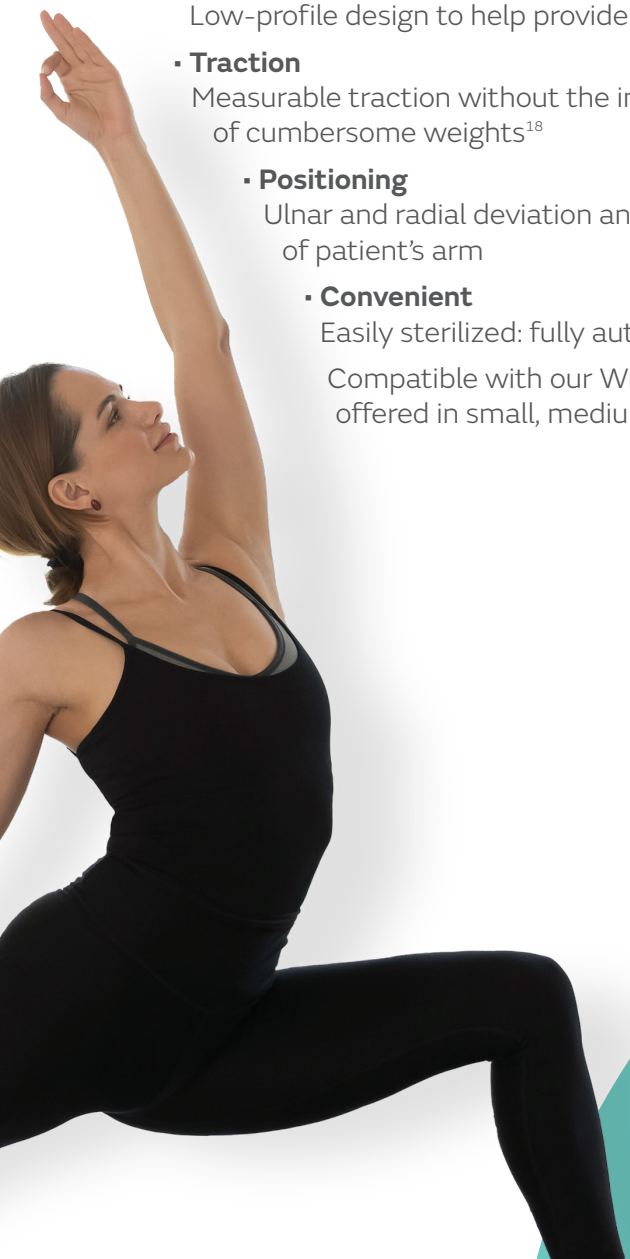
Western Elbow Positioner

Wrist Tower

The Wrist Tower is designed to be used as a standalone tower that attaches to most OR tables and is accessible from within the sterile field.[21–23] With adjustable traction and flexible positioning options, the Wrist Tower provides access and stability.[20, 22, 23]

- **Flexible Design**
  Low-profile design to help provide proper C-arm access
- **Traction**
  Measurable traction without the interference of cumbersome weights[18]
- **Positioning**
  Ulnar and radial deviation and full rotation of patient's arm
- **Convenient**
  Easily sterilized: fully autoclavable[22]

  Compatible with our Wrist Stabilization Kits offered in small, medium and large sizes





Wrist Tower

GUHL Non-Invasive Ankle Distractor

The GUHL Non-Invasive Ankle Distractor provides a cost-effective approach to non-invasive ankle distraction, without compromising quality or versatility.

- Designed for arthroscopic foot and ankle applications, including Ankle Arthrodesis and Lateral Ankle Ligament Staple Repair
- Ability to adjust and control force for a variety of ankle setups
- Can achieve gross distraction within the sterile field



GUHL Non-Invasive Ankle Distractor

FERKEL™ Thigh Holder

Designed to complement the GUHL Non-Invasive Ankle Distractor and the SPIDER2 Ankle Accessory, the FERKEL Thigh Holder stabilizes the thigh and provides the necessary counter traction needed for ankle arthroscopy procedures.

- Allows for non-invasive ankle distraction with precise force adjustment
- Clamps to bed rail for easy setup
- Holds leg securely to provide necessary counter traction and prevent leg movement
- Uses disposable pads for quick and easy cleanup



FERKEL Thigh Holder

Ordering information

SHOULDER	
SPIDER2	
Reference #	Description
72203299	SPIDER2 Limb Positioner
System Includes (doesn't include Piggy Back Connector):	
72203299	SPIDER2 Limb Positioner
72203301	Battery Pack
72203840	Battery Charger
72203839	Foot Pedal
Accessories	
72200918	SPIDER Cart
7210570	Piggy Back Connector, box of 2, required for each procedure
Single Use Disposables	
72203300	Switch Drape, box of 20
SPIDER2 for Shoulder	
Beach Chair Shoulder	
7210571	Shoulder Connection Bar, 2 units
Single Use Disposables	
7210573	Shoulder Stabilization Kit, box of 12
72203833	Shoulder Stabilization Kit with Switch Drape, box of 12
Lateral Decubitus Shoulder	
7210576	Lateral Shoulder Connection Bar, 2 units
7210577	TENET Traction Accessory
72201428	Lateral JACK
Single Use Disposables	
7210573	Shoulder Stabilization Kit, box of 12
72203833	Shoulder Stabilization Kit with Switch Drape, box of 12
72202466	Lateral JACK Sterile Cover, box of 25

SPIDER2 for Knee	
Leg Accessory	
72203235	SPIDER Leg Accessory, left
72203236	SPIDER Leg Accessory, right
72203239	3D SPIDER Connector, one required for each Leg Accessory
Single Use Disposables	
72203238	SPIDER Leg Stabilization Kit, box of 10
Distal Thigh Holder	
72204133	Distal Thigh Holder
Single Use Disposables	
72204134	Thigh Stabilization Kit, box of 10
SPIDER2 for Elbow	
7210572	Elbow Connection Bar, 2 units
7210749	90° Connector
Single Use Disposables	
7210574	Elbow Stabilization Kit, box of 12
SPIDER2 for Wrist	
72200660	Wrist Arthroscopy Accessory with Wrist Plate and Finger Trap Sizing Ring
7210577	Traction Accessory
72200664	Wrist Counter Traction Post
Single Use Disposables	
72201550	Small Wrist Stabilization Kit, box of 5
72201551	Medium Wrist Stabilization Kit, box of 5
72201552	Large Wrist Stabilization Kit, box of 5
Replacement Parts	
72200665	Finger Trap Sizing Ring
72200666	Wrist Plate
SPIDER2 for Ankle	
72202932	Ankle Arthroscopy Accessory, 2 units
7210577	Traction Accessory
72201812	FERKEL™ Thigh Holder
Single Use Disposables	
72202931	Ankle Stabilization Kit, box of 6
72201813	FERKEL Thigh Holder Foam Pad, box of 1
SPIDER2 Replacement Parts	
72200487	Quick Connect Replacement Kit
72200488	Index Handle Replacement Kit

ACUFEX® ACCESS Positioning System	
Reference #	Description
72205268	ACUFEX ACCESS Positioning System
System Includes:	
72205101	ACUFEX ACCESS Positioner
72205180	ACUFEX ACCESS Cart
Single Use Disposables	
72205102	ACUFEX ACCESS Positioning Kit, box of 6
72205104	ACUFEX ACCESS Advanced Positioning Kit, box of 6
ACUFEX® ACCESS Accessories	
72205103	ACUFEX ACCESS Lateral Traction Boom

Shoulder Holder Consumables	
72200195	Shoulder Suspension Kit, box of 6

The Shoulder Holder capital device has been discontinued and replaced by ACUFEX Access. The Shoulder Suspension Kit remains available for use with existing Shoulder Holder devices.

T-Max Beach Chair Positioner	
7210996	T-Max System, North American
System Includes:	
7210551	T-Max Beach Chair Positioner, North American
	Chair and Pad Assembly
	Head Positioning Assembly
	Table Leg Assembly
	Knee Bolster
	Lateral Support, 2 units
7210552	Adjustable Arm Board
7210553	T-Max Cart
7210554	North American Square Rail Clamp, box of 2
7210555	Intubation Pad
Single Use Disposables	
7210559	Disposable Face Masks, box of 8

Other T-Max Systems, Clamps and Leg Kits	
72200481	T-Max Beach Chair Positioner, JE (Japanese/ Eschmann)
72200482	T-Max Beach Chair Positioner, OPT
72200668	T-Max Beach Chair Positioner, AU (Denyer)
72201185	T-Max Beach Chair Positioner, MA (Maquet)
7210554	North American Square Rail Clamp, box of 2
7211099	European Square Rails Clamp, box of 2
7211096	JE (Japense/Eschmann) Adaptor Leg Kit
7211097	JE (Japense/Eschmann) Rail Clamp, box of 2
7211098	AU (Denyer) Adapter Leg Kit
7211100	AU (Denyer) Rail Clamp, box of 2
72204740	T-Max, OPT Adapter Leg Kit
72204741	T-Max, MA (Maquet) Adapter Leg Kit
T-Max Accessories	
7210552	Adjustable Arm Board
72203415	Non-Operative Arm Board
72203318	Adjustable Lateral Support
7210557	Extended Lateral Support, 2 units
7210564	Lateral Support Knob, box of 2
7210563	Drape Bar
7210553	T-MAX Cart
7210560	Knee Bolster
72200659	SPIDER Attachment Rail
7210555	Intubation Pad
7210556	Gel Face Mask
7210558	Mask Straps, pair
72201184	T-MAX Body Strap
T-Max Replacement Parts	
72204742	T-Max, Lateral Support Kit
72204744	T-Max, Slide Plate, Replacement Kit
72204745	T-Max Slide Pad Replacement
72204748	T-Max Square Pad Replacement
72204749	Adjustable Arm Board Hardware Kit
72204735	T-Max North American Leg Replacement Kit
72204738	T-Max Head Positioning System Replacement Kit
72204751	Bent Strap Support Replacement Kit
72200484	Intubation Tree Replacement Kit

HIP

Supine Hip Positioning System

Reference #	Description
72205299	*Advanced* Supine Hip Positioning System with Active Heel Traction Boots
System Includes (does not include rail clamps):	
72203270	Universal Distractor Mast, 2 units
72202682	Active Heel Traction Boot, 2 units
72201725	Supine Table Attachment with Pad
72200631	Perineal Post
72200637	Patient Transfer Board Assembly
72200669	Storage Cart

72205298	*Traditional* Supine Hip Positioning System with Active Heel Traction Boots
System Includes (does not include rail clamps):	
72203270	Universal Distractor Mast, 1 unit
72203271	Well Leg Holder, 1 unit
72202682	Active Heel Traction Boot, 2 units
72201725	Supine Table Attachment with Pad
72200631	Perineal Post
72200637	Patient Transfer Board Assembly
72200669	Storage Cart

72205297	*Advanced* Supine Hip Positioning System with Leather Boots
System Includes (does not include rail clamps):	
72200626	Universal Distractor Mast with Leather Boot, 2 units
72201725	Supine Table Attachment with Pad
72200631	Perineal Post
72200637	Patient Transfer Board Assembly
72200669	Storage Cart

72205296	*Traditional* Supine Hip Positioning System with Leather Boots
System Includes (does not include rail clamps):	
72200626	Universal Distractor Mast with Leather Boot, 1 unit
72200632	Well Leg Holder with Leather Boot, 1 unit
72201725	Supine Table Attachment with Pad
72200631	Perineal Post
72200637	Patient Transfer Board Assembly
72200669	Storage Cart

Supine Rail Clamps and Knee Holders	
72200636	US Rail Clamps, box of 2
72200670	EU/UK Rail Clamps, box of 2
72200671	AU (Denyer) Rail Clamps, box of 2
72200672	JP (Japanese) Rail Clamps, box of 2
72200673	CH (Swiss) Rail Clamps, box of 2
72200627	Leather Boot Knee Holder
72203800	Active Heel Traction Boot Knee Holder

Lateral Hip Positioning System

72205301	Lateral Hip Positioning System with *Active Heel Traction Boot*
System Includes (does not include rail clamps):	
72203270	Universal Distractor Mast, 1 unit
72202682	Active Heel Traction Boot, 1 unit
72201364	Lateral Table Attachment
72200669	Storage Cart

72205300	Lateral Hip Positioning System with *Leather Boot*
System Includes (does not include rail clamps):	
72200626	Universal Distractor Mast with Leather Boot, 1 unit
72201364	Lateral Table Attachment
72200669	Storage Cart

Lateral Rail Clamps	
72200643	US Lateral Rail Clamps, box of 2
72200675	EU/UK Lateral Rail Clamps, box of 2

*Trademark and registered to Xodus Medical.

Hip Positioning System Single Use Disposables	
Reference #	Description
72200634	Perineal Post Pad (for use with supine systems only)
72200635	Boot Insert Pad, each, box of 2
72205287*	DERMAPROX™ Boot Liners – S+N, pair, box of 3
72205286*	Pink Hip Kit® – S+N, box of 3
72205681*	Pink Hip Kit – H, box of 3
72205289*	Pink Hip Kit and DERMAPROX Boot Liner – S+N, box of 3
72205682*	Pink Hip Kit and DERMAPROX Boot Liner – H, box of 3

Hip Positioning System Replacement Parts	
72202172	Carriage Replacement Kit for Leather Boot
72204018	Carriage Replacement Kit for AHTB
72204677	AHTB Pads Only Replacement Kit
72204017	AHTB Calf Strap Replacement Kit
72203345	AHTB Toe Strap Replacement Kit
72203275	AHTB Center Strap Replacement Kit
72201540	Leather Boot Replacement Straps
72200633	Leather Boot Replacement
72200638	Patient Transfer Board
72200639	Patient Transfer Board Pad
72200630	Supine Table Attachment Pad
72200718	Lateral Perineal Pad Replacement
72200717	Knee Holder Pad, Lateral and AHTB

Retrofit Kits – used to switch from a Leather Boot to an AHTB System	
72203992	AHTB Retrofit Kit for the Universal Distractor Mast
System Includes:	
72203272	Retrofit Kit Hardware for the Universal Distractor Mast
72202682	Active Heel Traction Boot, 1 unit

72203993	Active Heel Traction Boot Retrofit Kit for Well Leg Holder
System Includes:	
72203315	Retrofit Kit Hardware for Well Leg Holder
72202682	Active Heel Traction Boot, 1 unit

KNEE	
Meniscal Post	
72204353	Meniscal Post
Accessories	
7210554	North American Square Rail Clamp, box of 2

ACUFEX® Leg Holder	
012310	ACUFEX Leg Holder, Table Clamp not included
Accessories	
013227	Table Clamp
Single Use Disposables	
3757	Disposable Leg Holder Pads, box of 12
Replacement Parts	
012311	Replacement Lateral Leg Pad, included with REF 012310
354010	Faucet Knob

SURGICAL ASSISTANT™ Leg Holder	
7209451	SURGICAL ASSISTANT Leg Holder
System Includes:	
7209450	SURGICAL ASSISTANT T-Bar
7209452	SURGICAL ASSISTANT Replacement Cross Bar
Single Use Disposables	
7209457	SURGICAL ASSISTANT Foam Insert, blue, box of 20
7209458	SURGICAL ASSISTANT Foam Insert, white, box of 20

EXTREMITIES	
Western Elbow Positioner	
Reference #	Description
7210575	Western Elbow Positioner

Wrist Tower	
72202056	Wrist Tower System
System Includes:	
72202114	Wrist Tower
7210577	Traction Accessory
72200660	Wrist Arthroscopy Accessory with Wrist Plate and Finger Trap Sizing Ring
Single Use Disposables	
72201550	Small Wrist Stabilization Kit, box of 5
72201551	Medium Wrist Stabilization Kit, box of 5
72201552	Large Wrist Stabilization Kit, box of 5
Accessories	
72200643	US Rail Clamps, box of 2
72200675	EU/UK Rail Clamps, box of 2
Replacement Parts	
72200665	Finger Trap Sizing Ring
72200666	Wrist Plate

GUHL Non-invasive Ankle Distractor	
7207079	GUHL Non-Invasive Ankle Distractor System
System Includes:	
7207023	GUHL Non-Invasive Ankle Distractor
014459	Support Bar
013227	Table Clamp
7207032	Sterilization Tray
Single Use Disposables	
014407	Sterile Ankle Distractor Foot Straps, box of 6

FERKEL™ Thigh Holder	
72201812	FERKEL Thigh Holder
Single Use Disposables	
72201813	FERKEL Thigh Holder Foam Pad, box of 1

Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Smith+Nephew representative or distributor if you have questions about the availability of Smith+Nephew products in your area.

Learn more at **smith-nephew.com**

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