



US Patents  
6,893,410; 6,960,176



450



452



One pull design makes application simple

**TITAN™ WRIST - LACING ORTHOSIS**

PDAC Approved L3908 68.25/95.61H/51.19UW



- Constructed of soft, comfortable orthopedic felt laminated to brush nylon exterior
- Universal right and left sizes reduce inventory needs
- Adjustable lacing system handles a wide range of wrist sizes
- Palmar and dorsal stays are malleable for customization and removable for “step-down” rehabilitation
- Stockinette tongue eases application
- Anatomically designed for a better fit

Order No. Description / Options

**450** Titan™ Wrist 1365.659.0611

**452** Titan™ Wrist & Forearm 1815.1721.3451

**Specify Right or Left**

**XS & XL sizes also available for 450 only**

**TITAN™ WRIST SIZING:**

**Universal** - Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)

**XS** - Wrist Circumference 4.0" - 6.0" (10.2cm - 15.2cm)

**XL** - Wrist Circumference 7.5" - 11.0" (19.1cm - 27.9cm)



Dorsal stay pod can be moved proximal or distal for desired level of dorsiflexion restriction



450 Tiny



450 Tiny

**TINY TITAN™ WRIST**

- Pediatric splint constructed of soft, comfortable orthopedic felt laminated to brush nylon exterior
- Anatomically contoured palmar stay is malleable for customization and removable for “step-down” rehabilitation
- Stockinette tongue eases application
- Anatomically designed for a better fit



Order No. Description / Options

**450 TINY** Tiny Titan™ Wrist

**Specify Right or Left** 1365.659.0611



**TINY TITAN™ WRIST SIZING:**

Wrist Circumference 3.5" - 5" (8.9cm - 12.7cm)





**SUEDE LACING WRIST ORTHOSIS**

PDAC Approved L3908 68.25/95.61H/51.19UW

- Constructed of perforated black suede laminated to moisture moving poly-felt
- Contoured design provides secure fit and allows full finger and thumb function
- Lacing design provides for easy secure closures
- Stockinette tongue eases application
- Anatomically designed for a low profile fit
- Aluminum palmar and dorsal stays are malleable and removable

Order No. Description / Options

**434** Lacing Wrist Orthosis 1395.779.6811

**444** Lacing Wrist & Forearm 1695.7811.1441

**Specify Right or Left**

**SUEDE LACING WRIST SIZING:** Wrist Circumference

**XS**(Not available in 444): 4.5" - 5.5" (11.4cm - 14.0cm)

**Sm:** 5.0" - 6.5" (12.7cm - 16.5cm)

**Med:** 6.0" - 7.5" (15.2cm - 19.1cm)

**Lg:** 7.0" - 8.5" (17.8cm - 21.6cm)

**XL:** 8.0" - 9.5" (20.3cm - 24.1cm)



**UNIVERSAL WRIST ORTHOSIS**



PDAC Approved L3908 68.25/95.61H/51.19UW

- Constructed of comfortable orthopedic felt laminated to a brushed nylon exterior
- Palmar and dorsal malleable aluminum stays may be molded for a custom fit or removed for stepdown rehabilitation
- Universal right and left sizes reduce inventory needs
- Elastic carpal strap provides support & comfort

Order No. Description / Options

**438** Universal Wrist Orthosis 1225.858.1401

**439** Universal Wrist & Forearm 1395.779.6811

**Specify Right or Left**

**UNIVERSAL WRIST SIZING:**

Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)



**PHOMFIT™ WRIST ORTHOSIS**

PDAC Approved L3908 68.25/95.61H/51.19UW

- Comfortable foam and nylon tricot lining, laminated to a sturdy black polyester outer fabric provides comfort and durability
- Removable aluminum palmar stay is malleable
- Stockinette tongue and dorsal hook & loop closures offer simple application
- No exposed lateral hook

Order No. Description / Options

**436** Phomfit™ Wrist Orthosis - Short 1425.899.1121

**437** Phomfit™ Wrist Orthosis - Long

**Specify Right or Left**

**PHOMFIT™ WRIST SIZING:** Wrist Circumference

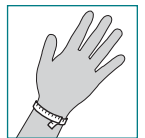
**XS:** 4.5" - 5.5" (11.4cm - 14.0cm)

**Sm:** 5.0" - 6.5" (12.7cm - 16.5cm)

**Med:** 6.0" - 7.5" (15.2cm - 19.1cm)

**Lg:** 7.0" - 8.5" (17.8cm - 21.6cm)

**XL:** 8.0" - 9.5" (20.3cm - 24.1cm)





428



428

**UNO WHO® - WRIST HAND ORTHOSIS**

PDAC Approved L3908 68.25/95.61H/51.19UW

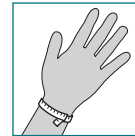


- Movable and malleable stay pod provides custom sizing and fit
- Stockinette tongue and dorsal loop & lock closures offer simple application
- Constructed of polyester outer shell with a tricot covered foam lining for comfort and durability

Order No. Description / Options  
**428** UNO Wrist Hand Orthosis® 1455.9101.7321  
**Specify Right or Left**

**UNO WHO® WRIST SIZING:**

Wrist Circumference  
 4.5" - 9.5" (11.4cm - 24.1cm)



Movable stay pod



US Patent 6,142,966



3846



**GEL WRIST WRAP**

- Kuhl™ perforated neoprene construction provides comfortable compression
- Gel pad cushions and protects the wrist from shock and vibration
- Gel visco-elastic properties move in a "fluid-like" manner with the skin
- Patented patient assist strap makes one-handed application easy
- Ideal for reducing scarring and increasing range of motion following Carpal Tunnel Surgery
- Universal sizing reduces inventory

Order No. Description / Options  
**3846** Gel Wrist Wrap (Gel included) 2995.7902.6452  
**GEL** Gel Pad Insert 1705.4911.9441  
**Specify Right or Left**



**GEL WRIST SIZING:**

Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)



US Patent 6,142,966



5819



5818



5821



With Aluminum Stay



With Spring Stay

**MODABBER™ WRIST ORTHOSIS**

PDAC Approved L3908 68.25/95.61H/51.19UW



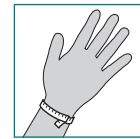
- Patented patient assist single strap for easy application
- Kuhl™ perforated neoprene construction provides comfortable compression
- 4 way stretch neoprene ensures brace conforms to contour of hand
- Aluminum palmar stay is removable and malleable for a custom fit
- Universal sizing reduces inventory needs

Order No.	Description / Options	
<b>5818</b>	Kuhl™ Modabber™ Wrist - Long	<b>1695.7811.1441</b>
<b>5819</b>	Kuhl™ Modabber™ Wrist - Short	<b>1495.7401.1721</b>
<b>5818 PED</b>	Kuhl™ Modabber™ Wrist - Long Pediatric	
<b>5819 PED</b>	Kuhl™ Modabber™ Wrist - Short Pediatric	

**Specify Right or Left**

**MODABBER™ WRIST SIZING:**

	Wrist circumference
<b>Pediatric</b>	4.0" - 6.0" (10.2cm - 15.2cm)
<b>Standard</b>	4.5" - 9.5" (11.4cm - 24.1cm)



**M. Ramin Modabber, M.D.**

Dr. Modabber is a Hand & Upper Extremity Specialist at Santa Monica Orthopaedic and Sports Medicine Group and Saint John's Health Center in Santa Monica, CA

**DYNADIGIT®**

PDAC Approved L3807 207.39/214.77UW



US Patents 6,142,966  
7,135,006

- Dynamic Finger Extension Splint for one or more fingers
- Neoprene generates dynamic action at any joint
- Apply hook dorsally to restrict MCP motion
- Interchangeable stays fit in dorsal pocket
- Malleable stay immobilizes
- Coiled stay assists extension or resists flexion
- Easily attaches to the Modabber neoprene wrist cuff for adjustable tension

Available individually or with the Modabber brace for wrist control.

Order No.	Description	
<b>5821</b>	Modabber™ Wrist with DynaDigit®	<b>2695.7881.1922</b>
	<b>Specify Right or Left</b>	
<b>605A</b>	DynaDigit® - Single Unit	<b>1280.698.8801</b>

**MODABBER™ WRIST SIZING:**  
Universal: Wrist circumference 4.5" - 9.5" (11.4 cm - 24.1cm)  
**DYNADIGIT® SIZING:**  
Universal - Fits most finger lengths



**Michael Behrman, M.D.**

Developed in collaboration with Michael Behrman, M.D. of Associated Hand Surgeons, Santa Barbara, CA.



US Patents:  
6,893,410; 6,960,176  
7,033,331; 7,056,298



455



459



455 TINY



455 TINY

## TITAN™ THUMB ORTHOSIS

PDAC Approved L3807 207.39/214.77UW



- Constructed of soft, comfortable orthopedic felt laminated to brush nylon exterior
- Adjustable lacing pull easily fits a wide range of wrist sizes
- Malleable oblique thumb stay allows desired thumb position and stability
- Provides abduction control, angle adjustability, and easy reapplication
- Movable stay pod makes this brace universal and reduces inventory
- Stockinette tongue and dorsal loop & lock closures offer simple application
- The oblique stay, the short malleable dorsal stay and long radial stay offer cone like compression

Order No. Description / Options

**455** Titan™ Thumb Orthosis 2135.5941.5181

**459** Long Titan™ Thumb Orthosis 2565.6971.0812

**Specify Right or Left**

**XS & XL sizes also available for 455 only**

### TITAN™ THUMB SIZING:

**Universal** - Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)

**XS** - Wrist Circumference 4.0" - 6.0" (10.2cm - 15.2cm)

**XL** - Wrist Circumference 7.5" - 11.0" (19.1cm - 27.9cm)



The oblique thumb stay can be bent to allow desired thumb positioning

## TINY TITAN™ THUMB

- Pediatric splint constructed of soft, comfortable orthopedic felt laminated to brush nylon exterior
- Stockinette tongue eases application
- Anatomically designed for a better fit



Order No. Description

**455 TINY** Tiny Titan™ Wrist

**Specify Right or Left** 2135.5941.5181

### TINY TITAN™ THUMB SIZING:

Wrist Circumference 3.5" - 5" (8.9cm - 12.7cm)





US Patent 7,056,298 ;  
6,960,176



429



429

**UNO WHT® - WRIST HAND THUMB**

PDAC Approved L3807 207.39/214.77UW



- Movable stay pod makes this brace universal reducing inventory
- Stockinette tongue and dorsal loop & lock closures offer simple application
- Useful in treatment of de Quervain's tendinitis, Gamekeeper injuries, Scaphoid/Navicular injuries, and is used for early cast removal
- Constructed of polyester outer shell with a tricot covered foam lining for comfort and durability
- Malleable oblique thumb stay allows desired thumb position and stability
- The oblique stay, the short malleable dorsal stay and long radial stay offer cone like compression

Order No. Description / Options

**429** UNO Wrist Hand Thumb™ Orthosis

**Specify Right or Left 2295.7061.1591**

**UNO WHT® WRIST SIZING:**

Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)

Removable, malleable  
Aluminum Palmar Stay



Movable Stay Pod adjusts for sizing



**PHOMFIT™ WRIST HAND THUMB ORTHOSIS**

PDAC Approved L3807 207.39/214.77UW

- Aluminum removable palmar stay allows for custom fit and adjustment
- Stockinette tongue and dorsal hook & loop closures offer simple application
- Radial thumb stay is malleable
- Useful in treatment of de Quervain's Tendinitis, Gamekeeper Injuries, Scaphoid/Navicular Injuries, and is used for early cast removal
- Constructed of polyester outer shell with a tricot covered foam lining for comfort and durability

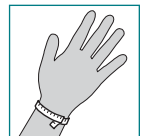
Order No. Description / Options

**447** Phomfit™ Wrist Hand Thumb Orthosis

**Specify Right or Left 2395.7761.6302**

**PHOMFIT™ WHT SIZING:**

	Wrist Circumference
<b>XS:</b>	4.5" - 5.5" (11.4cm - 14.0cm)
<b>Sm:</b>	5.0" - 6.5" (12.7cm - 16.5cm)
<b>Med:</b>	6.0" - 7.5" (15.2cm - 19.1cm)
<b>Lg:</b>	7.0" - 8.5" (17.8cm - 21.6cm)
<b>XL:</b>	8.0" - 9.5" (20.3cm - 24.1cm)



447



447



3842

Stays are stackable, removable, and interchangeable



3842

US Patent 6,142,966



3810



3810



### SANTA BARBARA THUMB SPLINT

PDAC Approved L3923 74.31



- Constructed of Kuhl™ perforated neoprene for cool, comfortable compression
- Radial, palmar and dorsal pockets contain malleable aluminum and spiral stays provide customized support
- Ideal for treating Gamekeeper's/Skier's Thumb, Basal Joint Arthritis, and Thumb Tendonitis
- Wrap around design for one-handed application
- Fits both the right and left hand



Michael Behrman, M.D.

Developed in collaboration with Michael Behrman, M.D. of Associated Hand Surgeons, Santa Barbara, CA. He is a fellow of the American Academy of Orthopedic Surgeons and member of the American Society for Surgery of the Hand.

Order No.	Description
3842	Santa Barbara Thumb Splint 1910.7331.4261

#### SANTA BARBARA THUMB SIZING:

Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)  
Thumb Hole Sizing 2.5" - 3.375" (6.4cm - 8.6cm)

### TRIMABLE™ THUMB ORTHOSIS

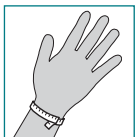


- 1/8" (3mm) Nylon covered neoprene provides heat and compression
- Melco taping in thumb section for trimming
- Wrap around design with built in assist strap for easy application
- Fits both the right and left hands

Order No.	Description
3810	Trimable™ Thumb Orthosis 1895.7231.1161

#### TRIMABLE™ THUMB SIZING:

	Thumb Hole Sizing	Wrist Circ.
<b>XS:</b>	2.125" - 2.375" (5.4cm - 6.0cm)	4.5" - 5.5" (11.4cm - 14.0cm)
<b>REG:</b>	2.375" - 3.0" (6.0cm - 7.6cm)	5.0" - 9.5" (12.7cm - 24.1cm)
<b>XL:</b>	3.0" - 3.625" (7.6cm - 9.2cm)	5.0" - 9.5" (12.7cm - 24.1cm)



### NEOPRENE THUMB ORTHOSIS

PDAC Approved L3923 74.31



- Universal size - one size fits all
- Neoprene construction provides an excellent fit of the hand and thumb
- Elasticized straps for comfortable compression
- Supports the MP and CMC joints while allowing full finger motion
- An excellent resting splint for thumb tendonitis and de Quervain's tendonitis



3813

Malleable thumb stay



3813

Order No.	Description
3813	Neoprene Thumb Orthosis 1425.899.1121

#### NEOPRENE THUMB SIZING:

Wrist Circumference 4.5" - 9.5" (11.4cm - 24.1cm)  
Thumb Hole Sizing 2.5" - 3.375" (6.4cm - 8.6cm)



US Patent 6,142,966



5803

Elasticized patient assist strap makes one handed application easy

**MODABBER™ THUMB ORTHOSIS**

PDAC Approved L3923 74.31



- Constructed of Kuhl™ perforated neoprene for cool, comfortable compression
- Brace fits left or right hand to reduce inventory
- Aluminum stay and steel spiral stay are interchangeable and removable
- Ideal for treating Basal Joint Arthritis, Throttle Thumb, and Thumb Tendonitis

Order No.	Description / Options
<b>5803</b>	Kuhl™ Modabber™ Thumb Orthosis <b>1910.7331.4261</b>

**MODABBER™ THUMB SIZING:**

	Thumb Hole Sizing	Wrist Circ.
<b>XS:</b>	2.125" - 2.375" (5.4cm - 6.0cm)	4.5" - 5.5" (11.4cm - 14.0cm)
<b>REG:</b>	2.375" - 3.0" (6.0cm - 7.6cm)	5.0" - 9.5" (12.7cm - 24.1cm)
<b>XL:</b>	3.0" - 3.625" (7.6cm - 9.2cm)	5.0" - 9.5" (12.7cm - 24.1cm)



Pocket flap makes it possible to interchange and remove stays



Taping above stay allows trimming for freedom of the IP joint



**M. Ramin Modabber, M.D.**

Dr. Modabber is a Hand & Upper Extremity Specialist at Santa Monica Orthopaedic and Sports Medicine Group and Saint John's Health Center in Santa Monica, CA

US Patents: D605776; 7,887,497



3800

Pressure dot applies greater support to the CMC Joint



3801

**CMC CONTROLLER™**

- Places the thumb in the optimum position by simultaneously abducting the thumb and distracting (seating) the CMC joint
- Low profile allows normal motion of the thumb while supporting the CMC joint
- Two sizes minimizes inventory (no rights or lefts)

Order No.	Description / Options
<b>3800</b>	CMC Controller™ <b>1495.7401.1721</b>
<b>3801</b>	CMC Controller™ with pressure dot <b>1895.7231.1161</b>

**CMC CONTROLLER SIZING:**

XS/S Fits wrist circumference 4.5" - 6.5" (11.4cm - 16.5cm)  
M/L Fits wrist circumference 6.5" - 10" (16.5cm - 25.4cm)  
X-Large size also available



**David M. Auerbach, M.D.**

Dr. David Auerbach practices at Southern California Orthopedic Institute (SCOI) in Van Nuys, CA.



**Shane Woods, COTA/L**

Mr. Shane M. Woods is the Director of Occupation and Hand Therapy for the Hand Center of Ventura County, Oxnard, CA.





US Patents:  
7,442,177; 7,455,650  
7,402,149; 7,278,980  
7,276,039



3848

**Boxers Fracture**

Left splint fits left hand  
4th and 5th metacarpals

Right splint fits right hand  
4th and 5th metacarpals



**Splinted Middle/Ring  
Fingers**

Left splint fits left hand 3rd  
and 4th metacarpals

Right splint fits right hand  
3rd and 4th metacarpals



**Radial Gutter:**

Left splint fits right hand 2nd  
and 3rd metacarpals

Right splint fits left hand  
2nd and 3rd metacarpals



2801



**TKO® - THE KNUCKLE ORTHOSIS**

PDAC Approved L3807 207.39/214.77UW



- Provides positioning for fractures or injuries to metacarpals, phalanges, MCP and IP joints
- Universal size, Right and Left
- Straps are infinitely adjustable for fit and comfort (pain & swelling)
- Distal buddy strapping eliminates rotation of the finger
- Padded stays are malleable
- Reversible - one splint acts as a Boxer's Fracture splint (ulnar gutter), Radial Gutter splint, and Middle & Ring Finger splint

Order No. Description / Options

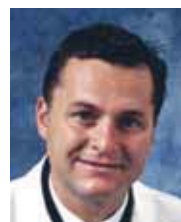
**3848** TKO® (The Knuckle Orthosis)

**Specify Right or Left**  
2565.6971.0812

**TKO® SIZING:**

Measure circumference at palmar crease  
Regular fits less than 10.5in circumference

X:Large size also available, fits greater than 10.5in circumference  
XL2775.3491.9532



**David Garelick, M.D.**

Developed in collaboration with  
Dr. David Garelick, Sports  
Medicine Physician at  
Midwest Orthopaedics Illinois  
Bone & Joint, Chicago, IL



**Edward Cotton, OTC**

Mr. Cotton practices at Cook  
County Hospital Chicago, IL

**"SQUEEZE" ULNAR COMPRESSION WRAP**



- Compressive and comfortable wrist support effective for Treatment of Ulnar Wrist Pain where compression of the wrist (squeeze) provides relief.
- Universal; fits both right and left wrist
- Easy application
- Non-slip interior prevents slippage without a tourniquet effect
- Perforated to let moisture escape

Order No. Description

**2801** Squeeze Ulnar Compression Wrap  
1995.7931.6961



**Jamie Harrison, OTR, CHT**

Developed in collaboration with  
Ms. Jamie Harrison who is a Certified Hand  
Therapist at Ortho Montana Orthopedics and  
Sports Medicine in Billings, MT.



For best result  
Pressure Dot is  
applied over the Ulna  
in supination



3709

**UNIVERSAL MATT STRAP™**



- Useful for tennis and golfer's elbow
- Foamed silicone pad absorbs shock
- Trimable strap allows size customization between 7" to 20" (17.8cm to 50.8cm) circumference
- One size fits all

Order No. Description  
**3709** Universal Matt Strap™  
**1595.7111.6531**



Unique movable loop pod allows for sizing and custom fitting



**UNIVERSAL MATT STRAP™ SIZING**

(Encircle the area of application to measure.)

Fits circumference of 7" - 20" (17.8cm - 50.8cm). Simply trim excess material.



3704

**MATT STRAP™**

US Patent D500,137

- Useful for tennis and golfer's elbow
- Foamed silicone pad absorbs shock

Order No. Description  
**3704** Matt Strap™ **1295.709.1011**

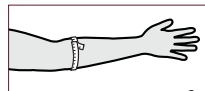


**Matthew Shapiro, M.D.**

Developed in collaboration with Dr. Matthew Shapiro who specializes in knee, shoulder and elbow injuries out of Stocum Orthopedics in Eugene, OR.



Loop & lock design provides focused compression over the shock absorbing buttress



**MATT STRAP™**

Measure widest part of forearm

**XS:** 7" - 8" (17.78cm - 20.32cm) **Sm:** 8" - 9" (20.32cm - 22.86cm)  
**Med:** 9" - 10.5" (22.86cm - 26.67cm) **Lg:** 10.5" - 12" (26.67cm - 30.48cm)  
**XL:** 12" - 14" (30.48cm - 35.56cm) **XXL:** 13" - 16" (33.02cm - 40.64cm)



**SEMI-UNIVERSAL MATT STRAP™**

- Useful for tennis and golfer's elbow
- Non-loop lock construction
- Foamed silicone pad absorbs shock
- Two sizes

Order No. Description  
**3707** Semi-Universal Matt Strap™  
**1495.7401.1721**



The elastic double-pull strap provides unique additional compression and adjustment

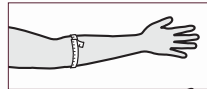
**SEMI-UNIVERSAL MATT STRAP™**

Measure widest part of forearm

**S/M:** 11" - 14" (27.9cm - 35.6cm) **L/XL:** 14" - 16" (35.6cm - 40.6cm)



3838



**TENNIS ELBOW - WITH PRESSURE PAD**

- Low profile design
- 1/8" (3mm) Neoprene with 2-sided nylon outer covering
- Pressure pad & elastic strap provide compression
- Provides relief for epicondylitis

Order No. Description  
**3838** Tennis Elbow - Pressure Pad  
**1195.738.6101**

**TENNIS ELBOW SIZING:**

Measure the widest part of the forearm.

**XS:** 8"-9" (20.3cm - 22.9cm)      **Sm:** 9"-10" (22.9cm - 25.4cm)  
**Med:** 10"-11" (25.4cm - 27.9cm)      **Lg:** 11"-12" (27.9cm - 30.5cm)  
**XL:** 12"-14" (30.5cm - 35.6cm)      **XXL:** 14"-16" (35.6cm - 40.6cm)



469

**FREEHAND DEX BRACE®**

US Patent Pending

**PDAC Approved L3762 89.18/92.36UW**

- A comfortable, dynamically extending alternative for treatment of Cubital Tunnel Syndrome.
- Dynamic extension returns the flexed elbow to the extended position even during sleep
- Brace is adjustable, flexible, lightweight, low profile with minimal limb contact

Order No. Description  
**469** Freehand DEX Brace®  
**3995.7972.6933**

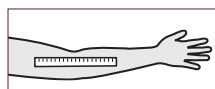
**FREEHAND DEX SIZING:**  
**S/M** Fits most females and smaller male arms  
**Lg/XL** Fits most males and larger female arms



**Roy A. Meals, M.D.**  
 Developed in collaboration with Dr. Meals, Orthopedic Hand Surgeon, Inventor of Freehand Braces and a Clinical Professor at UCLA



3847



**CUBITAL COMFORT™ BRACE**

**PDAC Approved L3762 89.18/92.36UW**



- Ideal for treatment of Cubital Tunnel Syndrome
- Two aluminum malleable stays positioned inside the elbow prevent excessive elbow flexion
- Aluminum stays are pre-bent at 20 degrees of full flexion
- Two stockinette arm bands aid in arm positioning

Order No. Description  
**3847** Cubital Comfort™ Brace  
**2595.7181.6022**

US Patents: 7,074,202; D523,961

**CUBITAL COMFORT™ BRACE SIZING:**  
 Measure length from mid forearm to mid humerus

**Short (10 3/4")** Length Less than 11 1/2"  
**Long (13 1/4")** 11 1/2" and above



**David M. Auerbach, M.D.**  
 Dr. David Auerbach practices at Southern California Orthopedic Institute (SCOI) in Van Nuys, CA.



501

### SHOULDER IMMOBILIZER

PDAC Approved L3670 128.81/163.73H/96.60UW

- Padded pressure sensitive straps are adjustable and comfortable
- Body strap is easily adjusted or can be removed
- Deep pocket design
- Two adjustment points for each strap allows for better fit

Order No.	Description
<b>501</b>	Shoulder Immobilizer Sling 1280.698.8801

#### SHOULDER IMMOBILIZER SIZING:

Measure from elbow to metacarpals

<b>XS:</b> 7.5" (Ht. 19.1cm) x 11" (Lg. 27.9cm)	<b>SM:</b> 7.5" (Ht. 19.1cm) x 14" (Lg. 35.6cm)
<b>M:</b> 7.5" (Ht. 19.1cm) x 15.5" (Lg. 39.4cm)	<b>L:</b> 7.5" (Ht. 19.1cm) x 18" (Lg. 45.7cm)
<b>XL:</b> 7.5" (Ht. 19.1cm) x 20" (Lg. 50.8cm)	



500

### ARM SLING

- Padded strap offers customized fitting and adjustment
- Two adjustment points allow for more comfortable fit
- Deep pocket design accommodates the largest of casts and dressings
- Open end with thumb loop adds comfort and eliminates slippage

Order No.	Description
<b>500</b>	Arm Sling 865.606.537

#### ARM SLING SIZING:

Measure from elbow to metacarpals

<b>XS:</b> 7.5" Ht. (19.1cm) x 11" Lg. (27.9cm)
<b>SM:</b> 7.5" Ht. (19.1cm) x 13.5" Lg. (34.3cm)
<b>M:</b> 7.5" Ht. (19.1cm) x 15.5" Lg. (39.4cm)
<b>L:</b> 7.5" Ht. (19.1cm) x 17.5" Lg. (44.5cm)
<b>XL:</b> 7.5" Ht. (19.1cm) x 20" Lg. (50.8cm)

Order No.	Description / Options
<b>506</b>	Universal Arm Sling

#### UNIVERSAL ARM SLING SIZING:

One size fits all



Exercise ball included

510

### KNAPP SAK II® - SHOULDER ABDUCTION KIT

PDAC Approved L3670 128.81/163.73H/96.60UW

- Indicated for use after Bankhart repairs, glenohumeral dislocation, and subluxation, soft tissue strains and repairs, and immobilization after rotator cuff repairs
- Maintains shoulder in neutral position allowing approximately 30 degrees of shoulder abduction
- Prevents excessive internal rotation of the shoulder
- Relieves tension from the repaired rotator cuff tendon (primarily the supraspinatus)
- Color coded for easy application

Order No.	Description
<b>510</b>	Knapp Sak II® 5345.2473.3454

#### KNAPP SAK II® SIZING:

One size fits all



US Patent:  
7,189,213;  
7,300,410



**Thomas P. Knapp, M.D.**

Developed in collaboration with Dr. Knapp, Santa Monica Orthopaedic and Sports Medicine Group, Santa Monica, CA



514

**SHOULDER HOULDER II**

**PDAC Approved L3670 128.81/163.73H/96.60UW**

- Our breathable sling is constructed of our NoSwet® Mesh material, combined with a soft moisture quick-wicking liner to provide your patient with comfort and support
- Four sizes of 15° Abduction Pillows allow for ambidextrous and custom patient fitting
- The unique body and shoulder straps provide quick adjustment, easy application, and padded comfort
- Quick release buckles allow for easy application and removal of the brace
- A posterior gusset comfortably holds the elbow in the desired position without providing unnecessary pressure to the area

Order No.	Description
<b>514</b>	Shoulder Houlder II <b>5795.7504.6294</b>

**SHOULDER HOULDER II SIZING:**

Measure from Olecranon to Knuckles:

<b>SM</b>	11.5" - 13" (29cm - 33cm)	<b>M</b>	13.5" - 14.5" (33cm - 37cm)
<b>L</b>	15" - 16" (37cm - 41cm)	<b>XL</b>	16.5" - 17.5" (42cm - 45cm)



524

**SHOULDER HOULDER II NEUTRAL**

**PDAC Approved L3670 128.81/163.73H/96.60UW**

- Our breathable sling is constructed of our NoSwet® Mesh material, combined with a soft moisture quick-wicking liner to provide your patient with comfort and support
- Two sizes of Neutral Pillows allow for ambidextrous and custom patient fitting
- The unique body and shoulder straps provide quick adjustment, easy application, and padded comfort
- Quick release buckles allow for easy application and removal of the brace
- A posterior gusset comfortably holds the elbow in the desired position without providing unnecessary pressure to the area

Order No.	Description
<b>524</b>	Shoulder Houlder II Neutral <b>5795.7504.6294</b>

**SHOULDER HOULDER II NEUTRAL SIZING:**

Measure from Olecranon to Knuckles:

<b>SM</b>	11.5" - 13" (29cm - 33cm)	<b>M</b>	13.5" - 14.5" (33cm - 37cm)
<b>L</b>	15" - 16" (37cm - 41cm)	<b>XL</b>	16.5" - 17.5" (42cm - 45cm)



504

**VAPOR IMMOBILIZATION SLING**

**PDAC Approved L3670 128.81/163.73H/96.60UW**

- Our breathable sling is constructed of our NoSwet® Mesh material, combined with a soft moisture quick-wicking liner to provide your patient with comfort and support
- The unique body and shoulder straps provide quick adjustment, easy application, and padded comfort
- Quick release buckles allow for easy application and removal of the brace
- A posterior gusset comfortably holds the elbow in the desired position without providing unnecessary pressure to the area
- Color coded strap/buckle for easier application
- Posterior O-ring on sling accommodates patient allowing for better fit and comfort

Order No.	Description
<b>504</b>	Vapor Immobilization Sling <b>2995.7902.6452</b>

**VAPOR IMMOBILIZATION SLING SIZING:**

Measure from Olecranon to Knuckles:

<b>SM</b>	11.5" - 13" (29cm - 33cm)	<b>M</b>	13.5" - 14.5" (33cm - 37cm)
<b>L</b>	15" - 16" (37cm - 41cm)	<b>XL</b>	16.5" - 17.5" (42cm - 45cm)



661

### CLAVICLE SPLINT

PDAC Approved L3650 67.55/80.29H/50.67UW

- Ideal for clavicle fracture splinting and posture control
- Comfortable foam construction provides proper immobilization
- Contoured urethane foam is hook & loop sensitive allowing maximum adjustability
- Two buckles on rear felt pad are used for tension adjustment

Order No.	Description
<b>661</b>	Clavicle Splint 1145.208.379

#### CLAVICLE SPLINT SIZING:

Measure from center of shoulder blades around shoulder:

	Min	Max	Min	Max
<b>XS</b>	15"	21"	38.10cm	53.34cm
<b>SM</b>	19"	28"	48.26cm	71.12cm
<b>M</b>	24"	34"	60.96cm	86.36cm
<b>L</b>	30"	38"	76.20cm	96.52cm
<b>XL</b>	34"	40"	86.36cm	101.60cm



629

### CERVICAL COLLAR

PDAC Approved L0120 30.89/45.83H/23.17UW



- Medium/firm density urethane foam provides excellent support
- Comfortable, breathable natural stockinette cover
- Vinyl support strap with extended contact closure for a universal fit and classic look
- Available in 2", 3", and 4" heights

Order No.	Description
<b>619</b>	2" Cervical Collar 955.966.218
<b>629</b>	3" Cervical Collar
<b>639</b>	4" Cervical Collar



151

### TWO-PULL 'LASTIC LUMBAR SUPPORT

- Manufactured of heavy elastic material
- Two side pulls provide added support
- 4 bone stays provide protection against brace rollover
- Pulls contain assist loops to aid in patient application

Order No.	Description
<b>151</b>	Two-Pull 'Lastic Lumbar Support 2675.3781.4722 2895.7202.1642XXL



#### TWO-PULL 'LASTIC LUMBAR SUPPORT SIZING:

Hip Sizing for 151:

<b>XS</b>	25" - 29" (63.5cm - 73.7cm)	<b>SM</b>	29" - 33" (73.7cm - 83.8cm)
<b>M</b>	33" - 37" (83.8cm - 94.0cm)	<b>L</b>	37" - 41" (94.0cm - 104.1cm)
<b>XL</b>	41" - 45" (104.1cm - 114.3cm)	<b>XXL</b>	45" - 49" (114.3cm - 124.5cm)



5805 / 7805

**LEI BACK™ II**

PDAC Approved L0627 374.59/388.76UW

- 1 unique Back Orthosis design offered in 2 distinct materials for patient support & comfort choices
- Kuhl™ perforated neoprene provides comfortable compression and support
- No-Swet® spacer fabric provide breathability, comfort and support
- Posterior polypro plastic panel contours to personalized anatomical fit and provides rigid support
- A posterior secret pocket is provided for the lordotic foam pad which offers additional comfort, and step-down support opportunities
- Anterior polypro plastic panel provides additional inner abdominal pressure and support while offering step-down capability when less support is appropriate
- Presented in an exceptional personal brace carrying case providing value and utility

Order No. Description

5805 Kuhl™ Lei Back™ II 9995.7996.6948

7805 No-Swet® Lei Back™ II

**LEI BACK™ II SIZING:**

Measure widest part of hip/waist:

**XS:** 24" - 34" (61.0cm - 86.4cm)

**REG:** 34" - 46" (86.4cm - 116.8cm)

**XL:** 45" - 58" (114.3cm - 147.3cm)



5809

**LEI BACK™ LUMBOSACRAL BRACE**

PDAC Approved L0625 50.19/52.11UW

- Kuhl™ perforated neoprene construction provides comfortable compression
- 4-way stretch of neoprene easily conforms to a variety of body contours
- Double pull provides strong support and compression ability
- Universal sizing reduces stocking needs
- 4 flexible spiral stays prevent brace rollover
- Does not restrict motion and generates inner abdominal pressure

Order No. Description

5809 10" (25.4cm) Kuhl™ Lei Back™ Brace

4350.5403.8963

4950.5643.8024XL

5550.5883.8174XXL

**LEI BACK™ SIZING:**

Measure widest part of hip/waist:

**XS:** 24" - 34" (61.0cm - 86.4cm)

**REG:** 34" - 46" (86.4cm - 116.8cm)

**XL:** 45" - 58" (114.3cm - 147.3cm)



103

**DOUBLE BACK LSO**

PDAC Approved L0626 71.02/73.70UW

- Heavy elastic construction ensures comfort
- Elastic pocket accommodates thermoplastic insert with assist strap for easy application
- Double side pulls across front for added support and compression
- Supports the lower back and encourages normal range of motion
- Unique polypro insert provides support

Order No. Description / Options

103 Double Back LSO with Posterior Plastic Insert

3995.7972.6933

Plastic Insert



**DOUBLE BACK SUPPORT SIZING:**

Measure widest part of hip/waist:

**XS:** 32" - 35" (81.3cm - 88.9cm) **Sm:** 36" - 41" (91.4cm - 104.1cm)

**Med:** 42" - 45" (106.7cm - 114.3cm) **Lg:** 46" - 50" (116.8 cm - 127.0 cm)

**XL:** 51" - 55" (129.5 cm - 139.7 cm) **XXL:** 56" - 60" (142.2cm - 152.4cm)



**UNIVERSAL MATT STRAP™**

- Effective in treating arm, knee, upper arm and upper leg tendonitis
- Trimable strap allows size customization between 7" to 20" (17.8cm to 50.8cm) circumference
- Shock absorption buttress
- One size fits all



Order No.    Description  
**3709**    Universal Matt Strap™  
 1595.7111.6531

3709



Unique movable loop pod allows for sizing and custom fitting

**UNIVERSAL MATT STRAP™ SIZING**

(Encircle the area of application to measure.)

Fits circumference of 7" - 20" (17.8cm - 50.8cm). Simply trim excess material.



3704

**MATT STRAP™ - SHOCK ABSORPTION**

US Patent D500,137

- Works for arm, knee, upper arm and upper leg tendonitis
- Useful for patella tendonitis, "Jumpers Knee", and minor knee pain
- Shock absorption buttress

Order No.    Description  
**3704**    Matt Strap™    1295.709.1011

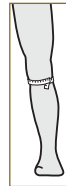


**Matthew Shapiro, M.D.**

Dr. Shapiro specializes in knee, shoulder and elbow injuries.



Loop & lock design provides focused compression over the shock absorbing buttress



**MATT STRAP™**

Measure circumference of affected area

- |  |  |
|--|--|
| <b>XS:</b> 7" - 8" (17.78cm - 20.32cm)     | <b>Sm:</b> 8" - 9" (20.32cm - 22.86cm)     |
| <b>Med:</b> 9" - 10.5" (22.86cm - 26.67cm) | <b>Lg:</b> 10.5" - 12" (26.67cm - 30.48cm) |
| <b>XL:</b> 12" - 14" (30.48cm - 35.56cm)   | <b>XXL:</b> 13" - 16" (33.02cm - 40.64cm)  |



The elastic double-pull strap provides unique additional compression and adjustment

**SEMI-UNIVERSAL MATT STRAP™**

- Works for arm, knee, upper arm and upper leg tendonitis
- Non-loop lock construction
- Unique double pull compression straps
- Two sizes

Order No.    Description  
**3707**    Semi-Universal Matt Strap™  
 1495.7401.1721



The elastic double-pull strap provides unique additional compression and adjustment

3707

**SEMI-UNIVERSAL MATT STRAP™ SIZING**

Measure circumference of affected area

- S/M:** 11" - 14" (27.9cm - 35.6cm)    **L/XL:** 14" - 16" (35.6cm - 40.6cm)





**SHIELDS™ BRACE**

- Kuhl™ perforated neoprene construction provides comfortable compression
- Dynamic patella stabilization provided through entire range of motion
- Independent calf and thigh strap application adjusts for most leg contours
- Low profile 8 1/2" (21.6cm) design prevents brace slippage
- Successfully controls malalignments of glide, medial/lateral tilt, and anterior/posterior tilt
- Easy-to-apply anterior closure
- The Shields Brace will control the patella during athletic competition



US Patent: 5,759,167

Order No.	Description / Options
<b>5674</b>	Kuhl™ Shields™ Brace <b>5345.2473.3454</b>

**SHIELDS™ KNEE SIZING:**

Measure at mid-patella with leg fully extended.  
**XS:** 10" - 12" (25.4cm - 30.5cm)    **Sm:** 12" - 14" (30.5cm - 35.6cm)  
**Med:** 14" - 16" (35.6cm - 40.6cm)    **Lg:** 16" - 18" (40.6cm - 45.7cm)  
**XL:** 18" - 20" (45.7cm - 50.8cm)    **XXL:** 20" - 24" (50.8cm - 61.0cm)  
 Larger and custom sizes available upon request.



**The hook side** adheres to the Directional Force Flap.



**The unique molded and tapered design** offers anatomical contours and easier placement.

**The New Shields Buttriss**  
**The Trakaderm™ Buttriss** is constructed of Polyurethane and is an adherent, soft, gel like material. It helps assist in the active relocation of the patella and places the bone in its pain free position.

**Directional Force Flap** holds the Trakaderm™ Buttriss in place against the patella.

**Brush nylon exterior** is hook sensitive, allowing flap adjustability over brace surface.

**Medial and lateral spiral stays** limit bunching, while allowing full range of motion.

**Open popliteal** for added comfort.

See our application video @hely-weber.com



**Clarence L. Shields, M.D.**  
 Developed in collaboration with Clarence L. Shields, MD, Kerlan-Jobe Orthopaedic Clinic, Los Angeles, CA



US Patent: 5,759,167

**HINGED SHIELDS™ BRACE**

PDAC Approved L1820

138.11/147.56H/123.80UW

- 1/8" Kuhl™ perforated neoprene construction for cool compression
- Dynamic patella stabilization provided through entire range of motion
- Independent calf and thigh strap application adjusts for most leg contours
- Successfully controls malalignments of glide, medial/lateral tilt, and anterior/posterior tilt
- Controls patella during strenuous exercise or athletic activity
- The buttress is independent of the support wrap providing dynamic patella stabilization
- Directional Force Flap holds the Buttress in place against the patella
- Neoprene Condyle Pads provide protection and comfort and reduce chaffing
- Wide bi-axial hinges enhance medial/lateral stability and prevent hyperextension provide protection, comfort and reduce chaffing.

Order No. Description / Options

**5675** Kuhl™ Hinged Shields™ Brace  
7880.6155.8966

**SHIELDS™ KNEE SIZING:**

Measure at mid-patella with leg fully extended.

**XS:** 10" - 12" (25.4cm - 30.5cm) **Sm:** 12" - 14" (30.5cm - 35.6cm)

**Med:** 14" - 16" (35.6cm - 40.6cm) **Lg:** 16" - 18" (40.6cm - 45.7cm)

**XL:** 18" - 20" (45.7cm - 50.8cm) **XXL:** 20" - 24" (50.8cm - 61.0cm)

Larger and custom sizes available upon request.

5675

**The New Shields Buttress**

The **Trakaderm™ Buttress** is constructed of Polyurethane and is an adherent, soft, gel like material. It helps assist in the active relocation of the patella and places the bone in its pain free position.

**Neoprene Condyle Pads**

provide protection and comfort and reduce chaffing.



**Wide bi-axial hinges** enhance medial/lateral stability and prevent hyperextension.



**Directional Force Flap**

holds the Trakaderm™ Buttress in place against the patella.

**Open popliteal** for added comfort.

**Padded hinge covers** allow for sports participation.





5645PS

US Patent:  
5,759,167

**VELOCITY PS**

**PDAC Approved L1832 633.79/662.17H/530.77UW**

- Superior knee brace that provides the control and support your patients need while maintaining the flexibility and the restriction of movement that your rehabilitation protocol requires
- Constructed in Kuhl™ perforated neoprene which breathes well and offers warmth and maximum compression
- Range of Motion Hinges feature a polycentric adjustable design to control extension and flexion with comfortable shock absorbing condylar pads and shells which ensure patient comfort and compliance
- Circumferential straps have elastic hamstring tension relief allowing no interruption in the firing mechanism of the quadriceps muscles while still providing low profile support.
- The brace transforms from left to right by simply moving the patella force strap from the left to right condylar location
- The brace offers effective support for ligament / meniscus tears while having the patented "U-shaped" patella locator buttress and adjustable patella control of the Shields™ design

Order No. Description / Options  
**5645PS** 12" Velocity Knee, Range of Motion hinges with Patella Stabilization - Pull Up  
**11995.7938.69101**

Range of Motion hinges



Range-of-Motion Options:

Extension Stops allow 10°, 20°, 30°, 40° and 50° settings, (preset @ 10° upon delivery)

Flexion Stops at 50°, 60°, 70°, 80°, 90° and 100° increments

Brace can be locked at full extension

See our application video @hely-weber.com



Comfortable patented "U-shaped" patella locator buttress

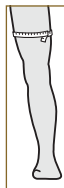
Hook side of buttress



**VELOCITY PS SIZING:**

Measure circumference 6" above mid-patella with leg fully extended.

- XS:** 13" - 16" (33.0cm - 40.6cm)
- Sm:** 15" - 18" (38.1cm - 45.7cm)
- Med:** 16" - 19" (40.6cm - 48.3cm)
- Lg:** 18" - 20" (45.7cm - 50.8cm)
- XL:** 19" - 23" (48.3cm - 58.4cm)
- XXL:** 21" - 24" (53.3cm - 61.0cm)
- XXXL:** 22" - 25" (55.9cm - 63.5cm)



3630 / 3730



Direction of tubular buttress is easily adjustable



Felt Buttress Available Upon Request

3630PC



Posterior closure

**PATELLA STABILIZER - UNIVERSAL TUBULAR BUTTRESS**

- 12" (30.5cm) Nylon covered neoprene base offers comfort, heat and compression
- Medial and lateral spiral stays limit bunching, while allowing full range of motion
- Universal tubular buttress is movable/removable for individualized patient care

Order No. Description / Options **3845.2962.8623**  
**3630** 1/8" (3mm) Stabilizer - Universal Tubular Buttress, Open Popliteal  
**3730** 1/8" (3mm) Stabilizer - Universal Tubular Buttress, Closed Popliteal

**SLIP-ON KNEE SIZING:**

Measure at mid-patella with leg fully extended.

- XS:** 12" - 13" (30.5cm - 33.0cm)
  - Sm:** 13" - 14" (33.0cm - 35.6cm)
  - Med:** 14" - 15" (35.6cm - 38.1cm)
  - Lg:** 15" - 17" (38.1cm - 43.1cm)
  - XL:** 16" - 18" (40.6cm - 45.7cm)
  - XXL:** 18" - 20" (45.7cm - 50.8cm)
- Larger and custom sizes available upon request.

- 3630 base with an easy to apply **Posterior Closure** design
- Constructed of Kuhl™ perforated neoprene for cool, comfortable compression

Order No. Description / Options **4095.7682.1843**  
**3630PC** Posterior Closure Stabilizer - Universal Tubular Buttress

**POSTERIOR CLOSURE KNEE SIZING:**

Measure at mid-patella with leg fully extended.

- XS:** 10" - 13" (25.4cm - 33.0cm)
  - Sm:** 12" - 15" (30.5cm - 38.1cm)
  - Med:** 14" - 17" (35.6cm - 43.1cm)
  - Lg:** 16" - 19" (40.6cm - 48.3cm)
  - XL:** 18" - 22" (45.7cm - 55.9cm)
  - XXL:** 20" - 24" (50.8cm - 61.0cm)
- Larger and custom sizes available upon request.



Inferior tubular buttress provides patella control

3641 / 3741

**PATELLA STABILIZER - INFERIOR U TUBULAR BUTTRESS**

- 12" (30.5cm) Nylon covered neoprene base offers comfort, heat and compression
- Medial and lateral spiral stays limit bunching, while allowing full range of motion
- Sewn in Inferior U Tubular Buttress

Order No.	Description / Options	<b>4035.5282.0343</b>
<b>3641</b>	Stabilizer - Inferior U Tubular Buttress, Open Popliteal	
<b>3741</b>	Stabilizer - Inferior U Tubular Buttress, Closed Popliteal	

**KNEE SIZING:**

Measure at mid-patella with leg fully extended.

<b>XS:</b> 12" - 13" (30.5cm - 33.0cm)	<b>Sm:</b> 13" - 14" (33.0cm - 35.6cm)
<b>Med:</b> 14" - 15" (35.6cm - 38.1cm)	<b>Lg:</b> 15" - 17" (38.1cm - 43.2cm)
<b>XL:</b> 16" - 18" (40.6cm - 45.7cm)	<b>XXL:</b> 18" - 20" (45.7cm - 50.8cm)

Larger and custom sizes are available upon request.



3655 / 3755

**AXIS HINGED KNEE SLEEVE**

**PDAC Approved L1810 113.43/126.68H/88.14UW**

- 1/8" (3mm) Neoprene with nylon outer covering
- Removable hinges increase treatment options
- Hinges feature hyperextension stops
- Covered hinges allow full sports participation
- Pull up loops aid in application

Order No.	Description / Options	<b>4295.7003.1563</b>
<b>3655</b>	12" (30.5cm) Axis Hinged Knee Sleeve - Open Popliteal	
<b>3755</b>	12" (30.5cm) Axis Hinged Knee Sleeve - Closed Popliteal	

**KNEE SIZING:**

Measure at mid-patella with leg fully extended.

<b>XS:</b> 12" - 13" (30.5cm - 33.0cm)	<b>Sm:</b> 13" - 14" (33.0cm - 35.6cm)
<b>Med:</b> 14" - 15" (35.6cm - 38.1cm)	<b>Lg:</b> 15" - 17" (38.1cm - 43.1cm)
<b>XL:</b> 16" - 18" (40.6cm - 45.7cm)	<b>XXL:</b> 18" - 20" (45.7cm - 50.8cm)

Larger and custom sizes are available upon request.



5694H / 5794H  
5690H / 5790H

**HINGED LATERAL J PATELLA STABILIZER**

**PDAC Approved L1820 138.11/147.56H/123.80UW**

- J Buttress in conjunction with Anterior Flap gives dynamic patella control
- Biaxial Hinges provide medial and lateral stability
- Kuhl™ perforated neoprene allows moisture to escape and the skin to remain dry

Order No.	Description / Options	<b>4650.5523.3593</b>
<b>5694H</b>	Kuhl™ Hinged Lateral J Stabilizer - Open Popliteal with Condyle Pads	
<b>5794H</b>	Kuhl™ Hinged Lateral J Stabilizer - Closed Popliteal with Condyle Pads	

**PDAC Approved L1810 113.43/126.68H/88.14UW**

Order No.	Description / Options	<b>4935.5543.5914</b>
<b>5690H</b>	Kuhl™ Hinged Lateral J Stabilizer - Open Popliteal	
<b>5790H</b>	Kuhl™ Hinged Lateral J Stabilizer - Closed Popliteal	

**HINGED LATERAL J PATELLA STABILIZER SIZING:**

Measure at mid-patella with leg fully extended.

<b>XS:</b> 12" - 13" (30.5cm - 33.0cm)	<b>Sm:</b> 13" - 14" (33.0cm - 35.6cm)
<b>Med:</b> 14" - 15" (35.6cm - 38.1cm)	<b>Lg:</b> 15" - 17" (38.1cm - 43.1cm)
<b>XL:</b> 16" - 18" (40.6cm - 45.7cm)	<b>XXL:</b> 18" - 20" (45.7cm - 50.8cm)

Larger and custom sizes are available upon request.



5656  
7656

5658  
7658

5345.2473.3454  
6095.7624.1815  
8665.6606.5637

8020.4165.7186  
8770.9316.5547  
9910.7396.4248



**Thomas P. Knapp, M.D.**

Developed in collaboration with Dr. Knapp, Santa Monica Orthopaedic and Sports Medicine Group, Santa Monica, CA

**KNAPP™ HINGED KNEE ORTHOSIS - ANTERIOR CLOSURE**

**PDAC Approved L1832 (ROM Hinged Braces) 633.79/662.17H/530.77UW**

**PDAC Approved L1820 (Standard and Heavy Hinged Braces)**

**138.11/147.56H/123.80UW**

- Constructed of Kuhl™ perforated neoprene for cool, comfortable compression
- 12" & 16" (30.5cm & 40.6cm) length available in Kuhl neoprene and NoSwet® non-neoprene construction
- 3 hinge styles
- Easily accessible hinge allows interchangeability of hinge styles
- Hinges are fully covered for sports activity
- Elasticized band in thigh strap ensures comfort
- Ideal for pre/post-operative care of MCL/LCL and meniscal repairs
- Longer length can be used for mild to moderate ACL/PCL sprains & strains and as an adjunct to patella fracture

**12" Length Knapp Hinged Knee Orthosis**

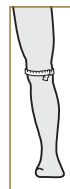
Kuhl™ Neoprene	
Order No.	Description / Options
<b>5656</b>	Standard Hinges
<b>5656HH</b>	Heavy Hinges
<b>5656ROM</b>	Range of Motion

NoSwet®	
Order No.	Description / Options
<b>7656</b>	Standard Hinges
<b>7656HH</b>	Heavy Hinges
<b>7656ROM</b>	Range of Motion

**16" Length Knapp Hinged Knee Orthosis**

Kuhl™ Neoprene	
Order No.	Description / Options
<b>5658</b>	Standard Hinges
<b>5658HH</b>	Heavy Hinges
<b>5658ROM</b>	Range of Motion

NoSwet®	
Order No.	Description / Options
<b>7658</b>	Standard Hinges
<b>7658HH</b>	Heavy Hinges
<b>7658ROM</b>	Range of Motion



**KNAPP™ HINGED KNEE SIZING:**

Measure at mid-patella with leg fully extended

**Xs:** 10" - 12" (25.4cm - 30.5cm)

**Med:** 14" - 16" (35.6cm - 40.6cm)

**XL:** 18" - 20" (45.7cm - 50.8cm)

Larger and custom sizes for 5656/5658 models available upon request

Hinges are removable for easy cleaning



New Range of Motion hinge cover allows for easy access



Hinge Options:

1. Flip Top Pin Stop Range Of Motion Hinge
2. Standard Polycentric Hinge
3. Heavy Polycentric Hinge



D-rings are welded to prevent rotation

Open popliteal area only on Kuhl™ style Knapp's™

Silicone Glue seals stitch-ends to eliminate chafing

Hinge covers are reinforced and double stitched for durability

Open patella eliminates irritation

Neoprene condyle pads prevent irritation for long lasting comfort





5645

5646

**VELOCITY HINGED KNEE**

PDAC Approved L1832 633.79/662.17H/530.77UW

- Constructed of Kuhl™ perforated neoprene to maximize patient comfort and compliance
- Range-of-Motion hinges with stops included; brace can function as a knee immobilizer, a full range of motion brace, or anywhere in between
- Indicated and ideally suited for treatment of ACL, PCL, MCL and LCL sprains, as well as post-operative and non-operative meniscus injuries
- Available in anterior closure and pull-up designs
- Hinges are removable for easy brace cleaning
- Can be locked at full extension

Order No.	Description / Options	
<b>5645</b>	12" (30.5cm) Velocity Hinged Knee - Pull-Up	<b>8555.9895.2727</b>
<b>5646</b>	12" (30.5cm) Velocity Hinged Knee - Anterior Closure	
<b>5647</b>	16" (40.6cm) Velocity Hinged Knee - Pull-Up	<b>10695.7847.1909</b>
<b>5648</b>	16" (40.6cm) Velocity Hinged Knee - Anterior Closure	

Range-of-Motion Options:

Extension Stops allow 10°, 20°, 30°, 40° and 50° settings, (preset @ 10° upon delivery)

Flexion Stops at 50°, 60°, 70°, 80°, 90° and 100° increments

Brace can be locked at full extension



5647

5648

**VELOCITY HINGED KNEE PULL-UP SIZING:**

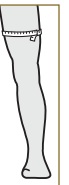
Measure circumference 6" above mid-patella with leg fully extended.

<b>XS:</b>	13" - 16" (33.0cm - 40.6cm)
<b>Sm:</b>	15" - 18" (38.1cm - 45.7cm)
<b>Med:</b>	16" - 19" (40.6cm - 48.3cm)
<b>Lg:</b>	18" - 20" (45.7cm - 50.8cm)
<b>XL:</b>	19" - 23" (48.3cm - 58.4cm)
<b>XXL:</b>	21" - 24" (53.3cm - 61.0cm)
<b>XXXL:</b>	22" - 25" (55.9cm - 63.5cm)

**VELOCITY HINGED KNEE ANTERIOR CLOSURE SIZING:**

Measure circumference 6" above mid-patella with leg fully extended.

<b>XS:</b>	12" - 16" (30.5cm - 40.6cm)
<b>Sm:</b>	14" - 18" (35.6cm - 45.7cm)
<b>Med:</b>	16" - 20" (40.6cm - 50.8cm)
<b>Lg:</b>	17" - 22" (43.2cm - 55.9cm)
<b>XL:</b>	19" - 25" (48.3cm - 63.5cm)
<b>XXL:</b>	23" - 28" (58.4cm - 71.1cm)
<b>XXXL:</b>	25" - 29" (63.5cm - 73.7cm)





3641H  
3741H



Inferior tubular buttress provides patella control

### HINGED PATELLA STABILIZER - *INFERIOR U TUBULAR BUTTRESS*

PDAC Approved L1810 113.43/126.68H/88.14UW

- 12" (30.5cm) Nylon covered neoprene offers comfort, heat and compression
- Wide bi-axial hinges provide medial/lateral ligamentous support
- Neoprene hinge covers allow full sports participation

Order No. Description / Options 5195.7363.6144

**3641H** Hinged Stabilizer - Inferior U Tubular Buttress, Open Popliteal

**3741H** Hinged Stabilizer - Inferior U Tubular Buttress, Closed Popliteal

#### KNEE SIZING:

Measure at mid-patella with leg fully extended.

**XS:** 12" - 13" (30.5cm - 33.0cm) **Sm:** 13" - 14" (33.0cm - 35.6cm)

**Med:** 14" - 15" (35.6cm - 38.1cm) **Lg:** 15" - 17" (38.1cm - 43.1cm)

**XL:** 16" - 18" (40.6cm - 45.7cm) **XXL:** 18"-20" (45.7cm - 50.8cm)

Larger and custom sizes are available upon request.



3630H  
3730H



Direction of tubular buttress is easily adjustable



Posterior closure



Felt Buttress Available Upon Request

### HINGED PATELLA STABILIZER - *UNIVERSAL TUBULAR BUTTRESS*

PDAC Approved L1810 113.43/126.68H/88.14UW

- 12" (30.5cm) Nylon covered neoprene base offers comfort, heat and compression
- Wide bi-axial hinges provide medial/lateral ligamentous support
- Universal tubular buttress is movable/removable for individualized patient care
- Pull up loops aid in application

Order No. Description / Options 4995.7943.6424

**3630H** Hinged Stabilizer - Universal Tubular Buttress, Open Popliteal

**3730H** Hinged Stabilizer - Universal Tubular Buttress, Closed Popliteal

**SLIP-ON KNEE SIZING:** See sizing chart above

- 3630H base with an easy to apply **Posterior Closure** design
- Constructed of Kuhl™ perforated neoprene for cool, comfortable compression

Order No. Description / Options 5195.7363.6144

**3630HPC** Hinged Posterior Closure Stabilizer - Universal Tubular Buttress

#### POSTERIOR CLOSURE KNEE SIZING:

Measure at mid-patella with leg fully extended.

**XS:** 10"-13" (25.4cm - 33.0cm) **Sm:** 12"-15" (30.5cm - 38.1cm)

**Med:** 14"-17" (35.6cm - 43.1cm) **Lg:** 16"-19" (40.6cm - 48.3cm)

**XL:** 18"-22" (45.7cm - 55.9cm) **XXL:** 20"-24" (50.8cm - 61.0cm)

Larger and custom sizes available upon request.



3605  
24105

### BASIC KNEE SLEEVE

- 1/8" (3mm) Neoprene with 2-sided nylon outer covering
- Provides compression and warmth

Order No. Description / Options

**24100** Sleeve - Closed Patella, Closed Popliteal 1285.099.2901

**3605** Sleeve - Open Patella, Open Popliteal

**24105** Sleeve - Open Patella, Closed Popliteal

#### KNEE SIZING:

Measure at mid-patella with leg fully extended.

**XS:** 12"-13" (30.5cm - 33.0cm) **Sm:** 13" - 14" (33.0cm - 35.6cm)

**Med:** 14"-15" (35.6cm - 38.1cm) **Lg:** 15" - 17" (38.1cm - 43.1cm)

**XL:** 16"-18" (40.6cm - 45.7cm) **XXL:** 18"-20" (45.7cm - 50.8cm)

Larger and custom sizes are available upon request.



5607

**KNAPP™ SLEEVE - ANTERIOR CLOSURE**

- 1/8" (3mm) Perforated neoprene construction for cool comfortable compression
- Easy application, even over clothes
- Allows extra adjustment for sizing and use with dressings
- Does not require shoe removal to apply

Order No. Description / Options  
**5607** KUHL™ Knapp™ Sleeve **1895.7231.1161**

**KNEE SIZING:**

Measure at mid-patella with leg fully extended.

**XS:** 12"-13" (30.5cm - 33.0cm) **Sm:** 13" - 14" (33.0cm - 35.6cm)

**Med:** 14"-15" (35.6cm - 38.1cm) **Lg:** 15" - 17" (38.1cm - 43.1cm)

**XL:** 16"-18" (40.6cm - 45.7cm) **XXL:** 18" - 20" (45.7cm - 50.8cm)

Larger and custom braces available upon request.



201 205  
 203 206  
 204 207

**KNEE IMMOBILIZER - ELASTIC STRAPS**

**PDAC Approved L1830 101.83/169.15H/80.65**



- Made from trimable 3/8" (9.5mm) pile foam laminate
- Reinforced, moldable posterior stays provide additional rigidity
- Medial and lateral movable stay pods offer extra support
- Contact closure application straps
- Elastic adjustment straps provide added compression
- Pile exterior is hook & loop sensitive for easy adjustment
- 3/8" (9.5mm) pile covered foam combined with alternating elastic straps make the brace easy to apply and adjust

2595.7181.6022  
 2695.7881.1922  
 2795.7591.6732  
 2990.3902.2452

Order No.	Description / Options	Order No.	Description / Options
<b>201</b> <sup>NA</sup>	12" (30.5cm) Knee Immobilizer	<b>205</b>	20" (50.8cm) Knee Immobilizer
<b>203</b>	16" (40.6cm) Knee Immobilizer	<b>206</b>	22" (55.9cm) Knee Immobilizer
<b>204</b>	18" (45.7cm) Knee Immobilizer	<b>207</b>	24" (61.0cm) Knee Immobilizer

**KNEE IMMOBILIZER SIZING:**

Fits mid-patella circumference 12"-23" (30.5cm - 58.4cm)



211 215  
 213 216  
 214 217

**THREE PANEL KNEE IMMOBILIZER**

**PDAC Approved L1830 101.83/169.15H/80.65**



- Provides rigid support for the knee
- 3/8" (9.5mm) pile foam laminate with black flannel interior ensures patient comfort
- Two detachable panels for circumferential adjustments for custom fitting
- Posterior and medial/lateral stays are malleable
- Optional patella strap provides extra knee control
- Available in 6 lengths

2395.7761.6302  
 2595.7181.6022  
 2695.7881.1922  
 2895.7202.1642  
 3095.7612.1362  
 3395.7732.6882

Order No.	Description / Options	Order No.	Description / Options
<b>211</b>	12" (30.5cm) Knee Immobilizer	<b>215</b>	20" (50.8cm) Knee Immobilizer
<b>213</b>	16" (40.6cm) Knee Immobilizer	<b>216</b>	22" (55.9cm) Knee Immobilizer
<b>214</b>	18" (45.7cm) Knee Immobilizer	<b>217</b>	24" (61.0cm) Knee Immobilizer

**KNEE IMMOBILIZER SIZING:**

Fits mid-patella circumference 12" - 24" (30.5cm - 61.0cm)





314

**WEBLY® ZAP™ ANKLE ORTHOSIS**

PDAC Approved L1902 79.86/88.25H/69.69UW

- Limits ankle inversion/eversion while not restricting plantar and dorsiflexion
- Figure-eight stabilizing straps replicate ankle taping
- Low profile brace fits in shoes and work boots
- Useful prophylactically and for ankle sprains
- Seamless design maximizes comfort
- Elastic strap closure improves compression and gives a clean appearance
- Fits right or left

Order No. Description / Options

**314** Webly® ZAP™ Ankle Orthosis 1995.7931.6961

Available in black and white

**WEBLY ZAP SIZING:**

<b>Men</b>	6-7	7.5-9	9.5-11	11.5-13	13.5-15	15+
<b>Narrow</b>	XXS	XS	S	M	L	XL
<b>Regular</b>	XS	S	M	L	XL	XXL
<b>Wide</b>	S	M	L	XL	XXL	XXL

<b>Women</b>	5-6	6.5-8	8.5-10	10.5-12	12.5-14
<b>Narrow</b>	XXS	XS	S	M	L
<b>Regular</b>	XS	S	M	M	L
<b>Wide</b>	S	M	L	L	XL



For small ankles and/or heels move down one size. For large ankles and/or heels move up one size. 308 stays may be used for additional support. Stays may be stacked upon one another for additional support.



US Patent: 6,117,098

304

Figure 8 adjustable pull-up straps provide stability by locking the calcaneus in position

Large heel opening aids in comfort

Seamless Bottom

**WEBLY® ANKLE ORTHOSIS**

PDAC Approved L1902 79.86/88.25H/69.69UW

- Constructed of heavy gauge ballistic nylon, with non-stretch, non-fraying nylon straps
- Limits inversion/eversion while not restricting plantar and dorsiflexion
- Neoprene tongue and Achilles relief padding aid in player/patient comfort
- Straps sewn to eliminate Achilles irritation
- Useful prophylactically and for chronic ankle sprains
- Low profile brace fits in shoes and work boots

Order No. Description / Options

**304** Webly® Ankle Orthosis 1995.7931.6961

**308A** Optional Stays (pair) 295.702.152

**WEBLY ANKLE SIZING:**

	Women's Shoe Size - US (Europe)	Men's Shoe Size - US (Europe)
<b>XXS:</b>	5 - 6 (35 - 36)	---
<b>XS:</b>	6 - 8 (36 - 38.5)	6 - 7 (38.5 - 40)
<b>Sm:</b>	8 - 10 (38.5 - 41)	7 1/2 - 9 (40.5 - 42.5)
<b>Med:</b>	10 - 12 (41 - 43)	9 1/2 - 11 (43 - 45)
<b>Lg:</b>	12 - 14 (43 - 46.5)	11 1/2 - 13 (45.5 - 47)
<b>XL:</b>	---	13 1/2 - 15 (47.5 - 49)
<b>XXL:</b>	---	14 - 16 (48 - 50)



**AIR ANKLE STIRRUP**

PDAC Approved L4350 104.06/157.56H/78.04UW



- Promotes edema reduction and supportive protection for acute ankle sprains
- Universal shell design - one size comfortably fits left and right
- Two Air Cell Design aids in active edema reduction
- Heel pad widths can easily be adjusted externally
- Welded Straps and Reinforced Rivet ensure strap durability
- Thicker heel pad for durability and support
- Air cell pressure is adjustable for a better fit

Order No. Description / Options  
**307** Air Ankle Stirrup 2095.7641.1871

**AIR ANKLE STIRRUP SIZING:**

Universal  
 Adjust heel strap for comfort - Fits up to 3" (8cm) width



**PSO - PLANTAR STRETCHING ORTHOSIS**

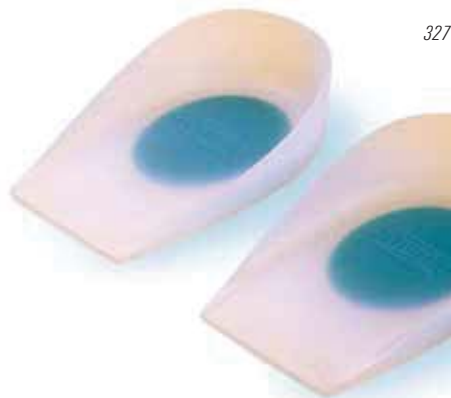
PDAC Approved L4396 150.37/155.55UW

- Indicated and ideally suited for treating Plantar Fasciitis, plantar flexion contractures, Achilles Tendonitis, heel spurs and other lower extremity overuse injuries
- Comfortable foam padded foot and calf straps are adjustable with easy close buckles
- Ventilated calf area for patient comfort and greater breathability
- Lightweight design and low profile injection molded shell assist in patient comfort and durability
- Soft, removable and washable foam liner provides a comfortable cushion
- Slip-resistant tread (not recommended to ambulate in this device)
- May be used as a night splint

Order No. Description / Options  
**333** Plantar Stretching Orthosis 4895.7243.1614

**PSO SIZING:**

	Women's Shoe Size - US (Europe)	Men's Shoe Size - US (Europe)
<b>Sm:</b>	5 - 7 (35 - 37.5)	4 - 6 (35.5 - 39)
<b>Med:</b>	7 - 10 (37.5 - 41)	6 - 9 (39 - 42.5)
<b>Lg:</b>	10+ (41+)	9+ (42.5+)



**SILICONE HEEL CUP**

PDAC Approved L3170 46.39/48.04UW

- Made from 100% silicone, which helps relieve lower extremity shock and fatigue
- The heel cups are easy to clean, durable and comfortable to wear
- Heel Spur Pad offers added pressure relief

Order No. Description / Options  
**327** Silicone Heel Cups 1995.7931.6961

**SILICONE HEEL CUP SIZING:**

<b>Sm:</b>	Fits most children's shoes
<b>Med:</b>	Fits most women's shoes
<b>Lg:</b>	Fits most men's shoes