



Formed to  
*Fit your life*  
upper extremity  
bracing





The Exos® upper extremity braces provide you and your patients an **adjustable, reformable** and **lightweight** solution to aid in the treatment of fractures and other injuries requiring stabilization.

Comparative Study:

## EXOS vs. CASTING

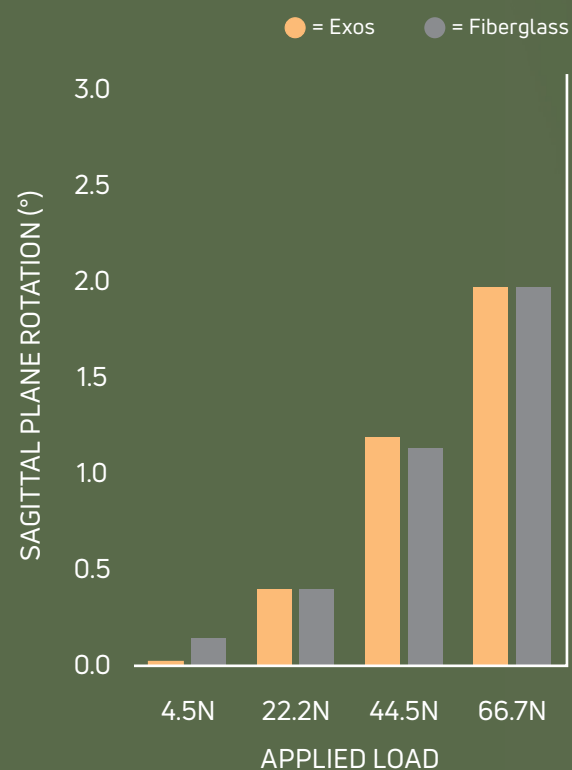
Stabilizing a severe-case, unstable and comminuted Distal Radius Fracture

### HIGHLIGHTS:

- 50,000 Distal Radius Fractures occur each year in the U.S.\*
- A worst-case distal radius fracture was simulated on cadaver forearms
- Movement of the fractures were analyzed at different loads using a radiolucent fixture
- There were no significant differences in sagittal plane fracture rotations or 3D fracture translations between the Exos brace and the cast

### INTERPRETATION OF FINDINGS:

- The Exos brace stabilized the fracture in a manner that was not radiographically or biomechanically different from traditional fiberglass casting
- Results provide verification that Exos braces are a viable option for the treatment of these types of fractures



Sagittal plane rotations after stabilizing the forearm with the Exos brace or fiberglass cast. Results indicate an increase of measured rotation with each increased applied load; however, **NO SIGNIFICANT DIFFERENCES IN MOTION WERE IDENTIFIED BETWEEN THE TWO AT ANY LOAD STEP.**



Learn more by scanning the QR code.

Sources: The Foundation for Orthopaedic Research and Education in Tampa, FL, Peter Simon, PhD, Miguel Diaz, MS, Jazmine Aira, BS, Kyle Stoops, MD, Brandon Santoni, PhD. Published August 2017 in the Clinical Biomechanics Journal

\* Distal Radius Fractures, David L. Nelson, M.d., Aug 06, 2018/<https://emedicine.medscape.com/article/1245884-overview>



### REFORMABLE

- Comfortable, dry application
- Customizable fit
- One brace throughout treatment
- Minimal material waste



### WATER-RESISTANT

- Patients can continue daily activities, such as showering
- Athletes can remain active



### ADJUSTABLE & LIGHTWEIGHT

- Utilizes Boa® Fit System for ease of application and adjustability
- Helps accommodate initial swelling and atrophy



### LOCKABLE

- Utilizes Boa Locking Ring Kit
- Indicated for children and less compliant patients
- Easily snaps over Boa dial to securely lock in position



### EASY TO CLEAN

- Able to hand wash and dry as needed
- Treated with antimicrobial material to reduce odor
- Brace can be removed to clean skin or injury site



### RADIOLUCENT

- Allows for x-rays to be taken without brace removal
- Helps accommodate clinical assessment of fracture healing without re-casting

Goes where you go.





# WRIST



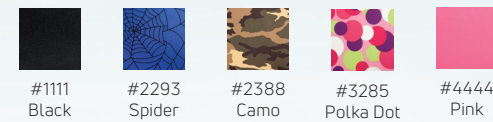
## SHORT ARM FRACTURE BRACE OPEN THUMB

Helps provide support and protection for major injuries to the wrist. Ideal for fractures to the distal radius or distal ulna, and can be employed for acute injuries as well as post-operatively. Not made with natural rubber latex.

### ADULT

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
312-31-XXXX	312-32-XXXX	7.25" - < 8"	8.5"	XS
312-41-XXXX	312-42-XXXX	8" - < 9"	9.5"	S
<i>See color options below</i>				
312-51-1111	312-52-1111	9" - < 10"	10.5"	M
312-61-1111	312-62-1111	10" - < 11"	11"	L
312-71-1111	312-72-1111	11"	12"	XL

Available in black only



### PEDIATRIC

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
311-11-XXXX	311-12-XXXX	5.75" - < 6.5"	6"	3XSmall (PEDS)
311-21-XXXX	311-22-XXXX	6.5" - < 7.25"	7"	2XSmall (PEDS)
311-31-XXXX	311-32-XXXX	6.5" - < 7.25"	8"	1XSmall (PEDS)

See color options below

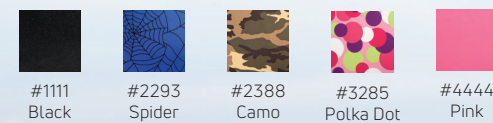
## WRIST BRACE

Helps provide stabilization for carpal bone injuries such as lunate, pisiform, or triquetral fractures, scapho-lunate dislocations, triangular fibro-cartilage complex (TFCC) tears, radio-carpal ligament injuries, or minimally displaced or stable distal radius or distal styloid fractures. Ideal for stable wrist fractures to control wrist motion for other injuries that require stabilization. Not made with natural rubber latex.

### WRIST BRACE W/BOA®

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
221-21-XXXX	221-22-XXXX	6.5" - < 7.25"	6"	XXS
221-31-XXXX	221-32-XXXX	7.25" - < 8"	6.5"	XS
221-41-XXXX	221-42-XXXX	8" - < 9"	7.25"	S
<i>See color options below</i>				
221-51-1111	221-52-1111	9" - < 10"	8"	M
221-61-1111	221-62-1111	10" - < 11"	9"	L
221-71-1111	221-72-1111	11"	9.25"	XL

Available in black only



### WRIST BRACE WITHOUT BOA®

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
220-31-1111	220-32-1111	7.25" - < 8"	6.25"	XS
220-41-1111	220-42-1111	8" - < 9"	7.25"	S
220-51-1111	220-52-1111	9" - < 10"	8"	M
220-61-1111	220-62-1111	10" - < 11"	9"	L
220-71-1111	220-72-1111	11"	9.25"	XL

Available in black only

# WRIST, HAND & THUMB



## BOXER'S FRACTURE BRACE

Helps provide stabilization to the fourth and fifth metacarpals, the fourth and fifth digits, and the wrist joint. Not made with natural rubber latex.

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
325-31-1111	325-32-1111	7.25" - < 8"	10"	XS
325-41-1111	325-42-1111	8" - < 9"	11"	S
325-51-1111	325-52-1111	9" - < 10"	12.75"	M
325-61-1111	325-62-1111	10" - < 11"	13.75"	L
325-71-1111	325-72-1111	11"	14.75"	XL

Available in black only



## RADIAL GUTTER FRACTURE BRACE

Helps provide stabilization for fractures to the 2nd and/or 3rd metacarpal (MC) bones and the respective metacarpal-phalangeal (MCP) joints of the hand. Not made with natural rubber latex.

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
326-31-1111	326-32-1111	7.25" - < 8"	11.5"	XS
326-41-1111	326-42-1111	8" - < 9"	12.25"	S
326-51-1111	326-52-1111	9" - < 10"	13.5"	M
326-61-1111	326-62-1111	10" - < 11"	14.75"	L
326-71-1111	326-72-1111	11"	15.25"	XL

Available in black only



## LONG THUMB SPICA II™

Helps provide primary stabilization for the first metacarpal-phalangeal (MCP) joint and first carpometacarpal (CMC) joints, as well as secondary support for the radiocarpal and radioulnar wrist joints. Also useful for confirmed or suspected navicular (scaphoid) fractures, and arthritis. Not made with natural rubber latex.

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
232-21-1111	232-22-1111	6.5" - < 7.25"	8"	XXS
232-31-1111	232-32-1111	7.25" - < 8"	8.5"	XS
232-41-1111	232-42-1111	8" - < 9"	9.5"	S
232-51-1111	232-52-1111	9" - < 10"	10.5"	M
232-61-1111	232-62-1111	10" - < 11"	11.5"	L
232-71-1111	232-72-1111	11"	12.5"	XL

## LONG THUMB SPICA W/BOA®\*

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
231-21-1111	231-22-1111	6.5" - < 7.25"	8"	XXS
231-31-1111	231-32-1111	7.25" - < 8"	8.5"	XS
231-41-1111	231-42-1111	8" - < 9"	9.5"	S
231-51-1111	231-52-1111	9" - < 10"	10.5"	M
231-61-1111	231-62-1111	10" - < 11"	11.5"	L
231-71-1111	231-72-1111	11"	12.5"	XL

Available in black only



## THUMB SPICA™ FRACTURE BRACE

Helps provide stabilization to the first phalanx, first metacarpal-phalangeal (MCP) joint, first carpometacarpal (CMC) joint, wrist joint (in flexion and extension), thumb in abduction, and distal radius, and distal ulna. Not made with natural rubber latex.

LEFT	RIGHT	CIRCUM.	LENGTH	SIZE
315-31-1111	315-32-1111	7.25" - < 8"	9"	XS
315-41-1111	315-42-1111	8" - < 9"	10"	S
315-51-1111	315-52-1111	9" - < 10"	11.25"	M
315-61-1111	315-62-1111	10" - < 11"	12.25"	L
315-71-1111	315-72-1111	11"	13"	XL

Available in black only





# HAND AND THUMB

## HAND BASED ULNAR GUTTER BRACE

Helps provide stabilization for fractures to the 4th and/or 5th metacarpals or phalanges. Not made with natural rubber latex.



LEFT	RIGHT	CIRCUMFERENCE	SIZE
125-31-1111	125-32-1111	7.25" - < 8"	XS
125-41-1111	125-42-1111	8" - < 9"	S
125-51-1111	125-52-1111	9" - < 10"	M
125-61-1111	125-62-1111	10" - < 11"	L
125-71-1111	125-72-1111	11"	XL

Available in black only

## HAND BASED RADIAL GUTTER BRACE

Helps provide stabilization for fractures to the 2nd and/or 3rd metacarpals or phalanges. Not made with natural rubber latex.



LEFT	RIGHT	CIRCUMFERENCE	SIZE
126-31-1111	126-32-1111	7.25" - < 8"	XS
126-41-1111	126-42-1111	8" - < 9"	S
126-51-1111	126-52-1111	9" - < 10"	M
126-61-1111	126-62-1111	10" - < 11"	L
126-71-1111	126-72-1111	11"	XL

Available in black only

## SHORT THUMB SPICA™ II

Helps provide stabilization to the first metacarpophalangeal (MCP) joint and may be used preoperative, postoperative, post-traumatic as well as for degenerative conditions. Not made with natural rubber latex.



LEFT	RIGHT	CIRCUMFERENCE	SIZE
212-21-1111	212-22-1111	6.5" - < 7.25"	XXS
212-31-1111	212-32-1111	7.25" - < 8"	XS
212-41-1111	212-42-1111	8" - < 9"	S
212-51-1111	212-52-1111	9" - < 10"	M
212-61-1111	212-62-1111	10" - < 11"	L
212-71-1111	212-72-1111	11"	XL

Available in black only

## EXTENDED SHORT THUMB SPICA™

Immobilizes the base of the thumb and the interphalangeal joint, to help stabilize injuries to the ulnar collateral ligament (UCL) commonly known as Gamekeeper's thumb. Ideal for fractures or avulsion injuries to the proximal first phalanx or distal first metacarpal, severe sprains of the thumb, or for arthritic conditions involving the metacarpophalangeal (MCP) joint, or the interphalangeal (IP) joint. May also be used to immobilize the thumb joints following surgical repair of soft tissue injuries. Not made with natural rubber latex.



LEFT	RIGHT	CIRCUMFERENCE	SIZE
211-31-1111	211-32-1111	7.25" - < 8"	XS
211-41-1111	211-42-1111	8" - < 9"	S
211-51-1111	211-52-1111	9" - < 10"	M
211-61-1111	211-62-1111	10" - < 11"	L
211-71-1111	211-72-1111	11"	XL

Available in black only



## HUMERAL FRACTURE BRACE

Helps provide stabilization for fractures to the mid-shaft of the humerus. Not made with natural rubber latex.

PART NUMBER	SIZE
330-40-1111	S/Universal
330-50-1111	M/Universal
330-60-1111	L/Universal

Use the H measurement to select the appropriate size using the size chart below.  
H=Height

SML	4.25" Height x 16" Length
MED	5" Height x 18" Length
LGE	6" Height x 19" Length

Available in black only

## EXOS® UNDERSLEEVE

The soft, microfiber material in the Exos® Undersleeve enhances patient comfort and helps provide protection to the skin. Designed with a slight compression and a flat seam to minimize skin irritation, the undersleeve easily fits under the Exos® fracture braces.

## WRIST UNDERSLEEVE

Compatible with the Wrist Brace and Short Arm Fracture Braces

PART NUMBER	SIZE
896-30-1111	PEDS
896-40-1111	XS/S
896-50-1111	M
896-60-1111	L/XL

For less compression, choose one size larger  
For more compression, choose one size smaller

WRIST CIRCUMFERENCE	MIN	MAX
PEDS	3.5" (9 cm)	5" (13 cm)
XS/S	5" (13 cm)	6.5" (16 cm)
M	6.5" (16 cm)	8" (20 cm)
L/XL	8" (20 cm)	11" (28 cm)



## TOP LOADING OVEN

The Exos® oven is intended to be used to heat the Exos® upper and lower extremity products.

PART NUMBER	DESCRIPTION
800-OVEN-US	Exos® Oven
800-EHE-US	Oven Head Only
800-XR	Oven Extender Ring

## WRIST AND FINGER UNDERSLEEVE

Compatible with the Boxer's Fracture, Radial Gutter Fracture and Long Thumb Spica™ Fracture Braces

PART NUMBER	SIZE
897-40-1111	XS/S
897-50-1111	M
897-60-1111	L/XL

WRIST CIRCUMFERENCE	MIN	MAX
XS/S	5" (13 cm)	6.5" (16 cm)
M	6.5" (16 cm)	8" (20 cm)
L/XL	8" (20 cm)	11" (28 cm)

For less compression, choose one size larger  
For more compression, choose one size smaller



## BOA® LOCKING RING KITS

The Boa Locking Ring prevents unprescribed loosening or removal.

PART NUMBER	DESCRIPTION	QTY
800-LR	Boa® Locking Ring Kit	1
800-LR6	Boa® L6 Locking Ring Kit	1



## EXOS SIZING TAPE

Wrap tape around hand to measure size.

PART NUMBER	DESCRIPTION	QTY
00-9324	Exos Sizing Tape	1







# COMMON INDICATIONS

	Short Arm Fracture Brace - Open Thumb - SAFB-OT	Ped Short Arm Fracture Brace - Open Thumb - SAFB-OT	Boxer's Fracture Brace - BFB	Long Thumb Spica II w/Boa® - LTS II/Boa	Long Thumb Spica w/Boa® - LTS /Boa	Thumb Spica Fracture Brace - TSFB	Wrist Brace w/Boa® - WB/Boa	Radial Gutter Fracture Brace - RGFB	Humeral Fracture Brace - HFB	Short Thumb Spica II - STS II	Extended Short Thumb Spica - ESTS	Hand Based - Ulnar Gutter Brace - HB-UGB	Hand Based - Radial Gutter Brace - HB-RGB
Distal Radius (Non-Displaced, Plated or Stable)	●	●		●		●	●						
Colles' Fracture / Smith's Fracture	●	●		●		●							
Scapholunate Ligament Injury (SLL)	●	●		●		●							
Salter-Harris Fractures	●	●		●		●							
Hutchinson (Chauffeur)	●	●		●		●							
Bennett's Fracture / Rolando's Fractures				●	●	●							
Scaphoid Fractures				●		●							
Radial or Ulnar Wrist Sprains	●			●	●	●							
Arthritis (CMC) / Basilar Joint Arthritis / Reconstruction				●	●	●							
Carpal Bone Injuries	●	●		●	●	●	●						
Stable Wrist Fractures	●	●		●	●	●	●						
Stable Distal Radius / Distal Styloid Fractures	●	●		●	●	●	●						
Radial-Carpal Ligament Injuries	●	●		●	●	●	●						
Triangular Fibro-Cartilage Complex (TFCC) Tears	●	●		●	●	●	●						
Skier's / Gamekeeper's Thumb				●	●					●	●		
Sprain or Dislocation of the Thumb				●	●	●				●	●		
Web Spacer				●	●	●				●	●		
Tenosynovitis / Arthritis MCP				●	●	●				●	●		
Thumb IP Joint Hyperextension / Thumb Pin Fixation						●					●		
Fractures of the 4th and/or 5th Metacarpal (MC) or Phalanges			●									●	
Fractures of the 2nd and/or 3rd Metacarpal (MC) or Phalanges								●					●
Mid-Shaft / Non-Displaced Humeral Fractures									●				
Carpal Tunnel Syndrome							●						



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