

Comfy Splints™: For all your splinting needs
ADULT | INFANT | PEDIATRIC ORTHOSES

Lenjoy Medical Engineering, Inc.

www.comfysplints.com

LENJOY MEDICAL ENGINEERING, INC. is committed to providing innovative, effective and cutting edge products that are comfortable, easy to use and affordable. Our team of Occupational Therapists, M.D.'s, nurses and engineers are continuously working to meet the needs of those in need of our products. In our continuing efforts, we will make reasonable and necessary adjustments upon your request. We know that you will soon see why therapists, doctors, patients and families have come to love our products.

#### **RETURNS POLICY:**

We stand by our products and will exchange any defective products (in the unlikely event). As these are personal medical devices, we can only accept returns of unused products.

We ask that you call Lenjoy's offices before any return so we can provide the necessary return number and repayment authorization. A quick call to our offices (800-582-5332) will also allow for option discussion to best meet customer needs. We find that people are happy to talk with our professional staff as correct product ordering, not product efficacy or quality, is often times the main barrier.

- Returns of unused (fully re-saleable) items may be exchanged or refunded within 30 days of invoice
- Returned items will not be accepted and credit will not be issued without prior authorization by Lenjoy Medical Engineering, Inc.
- All returns must have an original packing slip, order number or P.O. number
- All returned items are subject to review before credit is issued
- Custom adaptations, special order items, used or altered items will not be accepted for credit.
- Purchaser is responsible for shipping and handling costs of returned items.
- Authorized returns must be sent freight prepaid.
- Any product returned is subject to a 15% restocking charge.
- No returns can be accepted after 90 days past invoice date.

#### SHIPPING:

All shipments are FOB Lenjoy Medical Engineering, Inc., Gardena, California. All Shipping and handling charges are paid by the customer and are added to the final invoice. Shipments will be sent via UPS ground unless 3 day air, 2 day air or overnight delivery is specified. Orders received by 3:00 pm PST will be shipped same day. Custom orders will be shipped ASAP. If there are any delays or backorders, we will quickly notify customer.

#### **WARRANTY:**

LME warrants it's products for single use for 90 days. Failure to follow device instructions voids warranty.

#### **PRICES AND TERMS:**

Prices are subject to change without notice. Terms are net 30 days (unless otherwise agreed)

# ORDER OR CALL WITH QUESTIONS

Our helpful and knowledgeable staff is here to help

(800) 582-5332 or

(310) 353-2484 fax

info@comfysplints.com email

#### **COLLECTION:**

If collection proceedings are necessary in order to obtain payment on an invoice, the customer will be responsible for paying all collection costs and legal fees. All necessary collections will be adjudicated in the State of California.

#### **PLEASE NOTE:**

Comfy Splints<sup>™</sup> are for single person use only, require a physician's order for reimbursement, and should be administered by personnel trained in the use and care of splints. Comfy Splint care instructions should be followed at all times. All applied splints should be frequently checked and adjusted to prevent areas of pressure or incorrect use.



# **TABLE OF CONTENTS**

ORDERING TIPS - Need some help ordering a Comfy Splint? Find answers here.	4
HAND SPLINTS	5-15
- Static/Progressive Hand Splints Our static/progressive splints do not have moving parts, and provide secure splinting to the desired areas. These splints are often used to rest tissues or joints, provide external support, and gain or maintain strength and functionality.	5-10
- Comfy Cuddlers Our line for easy to use splinting.	11-12
- Adjustable Hand Splints All of our splints come with our patented adjustable metal spine inserts that allow for easy adjustments and specific fit. These splints however feature our adjustable frame, and provide a movable part that allows for joints to compensate for ulnar or radial deviation.	12-13
- Dynamic Hand Splints and Goniometer Features Our dynamic splints provide a constant, gentle force towards flexion or extension as needed to the desired joints with the use of a goniometer or spring loaded goniometer.	14
- Hand Splint Sizing Charts	15
ELBOW SPLINTS	17-20
- Static/Progressive Elbow Splints Our static/progressive splints do not have moving parts, and provide secure splinting to the desired areas. These splints are often used to rest tissues or joints, provide external support, and gain or maintain strength and functionality.	17
- Adjustable Elbow Splints All of our splints come with our patented adjustable metal spine inserts that allow for easy adjustments and specific fit. These splints however feature our adjustable frame, and provide a movable part that allows for joints movement.	18-19
- Dynamic Elbow Splints Our dynamic splints provide a constant, gentle force towards flexion or extension as needed to the desired joints with the use of a goniometer or spring loaded goniometer.	18-19
- Elbow Splint Sizing Charts	20
KNEE SPLINTS	21-23
- Static/Progressive Knee Splints Our static/progressive splints do not have moving parts, and provide secure splinting to the desired areas. These splints are often used to rest tissues or joints, provide external support, and gain or maintain strength and functionality.	21
- Adjustable Knee Splints All of our splints come with our patented adjustable metal spine inserts that allow for easy adjustments and specific fit. These splints however feature our adjustable frame, and provide a movable part that allows for joints movement.	22-23
- Dynamic Knee Splints Our dynamic splints provide a constant, gentle force towards flexion or extension as needed to the desired joints with the use of a goniometer or spring loaded goniometer.	22-23
- Knee Sizing Charts	23
KNEE/HIP ORTHOSES	24
ANKLE AND FOOT ORTHOSES	25
ANKLE SIZING CHARTS (AFO)	26
SADMERC HCPC Suggested Codes - Please call our offices for any updated HCPC coding information. For reference only.	Back Cover

# **GET COMFY!**

Comfy Splints<sup>™</sup> are the softest, most absorbent and easy-to-use splints on the market. A major part of Comfy Splints<sup>™</sup> success lies in our patented reinforced and re-adjustable spine frame. Our frame allows for easy adjustments and readjustments without buckling.





# WHAT EXACTLY IS A COMFYPRENE SPLINT?

The Comfyprene line is the segment of our Comfy Splints<sup>™</sup> that appeals to those looking for a more slim line version of our products without sacrificing on quality and comfort. Using the same patented reinforced adjustment spines, Comfyprene splints are covered with headliner material and then soft neoprene. There are no removable covers. Comfyprene Splints come in different colors (light blue, camouflage, dark blue or purple) and come standard with five attachable and removable hygiene liners for extra support.

# drirelease\*

Our covers are embedded with special Freshguard R and Dri-release R patented blend of natural and synthetic fibers that help absorb moisture from skin, provides everlasting wicking, ensures quick drying, neutralizes odors and helps keep your splints fresh.

### **COLOR CHOICES:**

All Terrycloth and Headliner Comfy Splints<sup>™</sup> in Adult Sizes come exclusively in Navy Blue Color.



# Pediatric Terrycloth and Headliner Material (see above):

Small= Lavender Medium= Turquoise Large= Teal

Comfyprene splints (pediatric included) come in color options of: Light Blue, Camouflage, Dark Blue or Purple



# HELPFUL GUIDES TO ORDERING

### 1. CHOOSE YOUR SPLINT

- Do you need a splint for the hand, elbow, knee, foot...
- Do you want a static, adjustable or dynamic splint?
- Do you have any special needs, such as long hands, contractures, deformities, deviations, etc...

### 2. CHOOSE YOUR MATERIAL

Many splints are available in different materials

- Comfy Terrycloth- our original soft terrycloth, foam lined cover material
- Headliner (or Broadcloth)
   material- Soft cotton blend foam
  lined material
- Comfyprene- Neoprene and headliner material that is attached directly to frame, creating a more slim profile splint.

#### 3. CHOOSE YOUR SIZE

See the back of each section for specific sizing guides
Many splints are available in pediatric sizing as well. Look for the sign.
Many models are ambidextrous.
Look for the sign.

### Infant Comfyprene colors:

Small= D. Blue Medium= Wine Large= Light Blue XLarge= Purple



Comfy Splints<sup>™</sup> designs soft, absorbent and easy to use splints that customers, doctors, therapists and families love. Our hand splints are well known for their superior quality!

#### **HAND SPLINT FEATURES:**

- Multilayered for comfort
- Adjustable reinforced spine allows for easy adjustments without tools
- Easy to clean
- Do not stretch Thenar Eminence
- Side wings prevent ulnar/radial deviation
- Washable and absorbent covers help prevent skin breakdown
- Soft straps accommodate fluctuations in edema
- Arm, wrist, fingers independently adjustable

H101

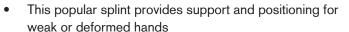
HT101

Resists strong flexion synergy

### **HAND-WRIST FINGER ORTHOSIS**







- Side wings prevent ulnar and radial deviation
- Arm cuffs easily adjust to width of arm
- Excellent resting splint to prevent trauma to joints and increases ROM
  - Terrycloth
  - **⊘** Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Ambidextrous
  - Pediatric sizing

  - ✓ Long Pan availability (LPH-101)
  - ✓ Long arm availability (LOPH-101)

#### HAND THUMB ORTHOSIS

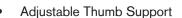


Shown in standard Terrycloth with optional finger

separator (FS1) attached

Shown in Comfyprene purple color





- Keeps thumb in functional position without stretching thenar eminence
- Excellent for patients with highly adducted thumbs
  - Terrycloth
  - ✓ Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - **⊘** Ambidextrous
  - **✓** Pediatric sizing
  - **⊘** 4 strap option (4S-HT101)
  - **✓** Long Pan availability (LPHT-101)
  - **✓** Long arm availability (LOHT-101)

### HAND THUMB EXTENDED FOREARM AND HAND





HTE-101

- An additional 1.5" length from our current orthosis to accommodates for larger and longer hand, and 2" addition to back provides extra forearm support
  - Terrycloth only
  - Pediatric Sizing
  - Ambidextrous



### **AIR HAND ORTHOSIS**



**HA101** 





- Ideal for the severely contracted hand
- Inflatable air bladder allows for gradual MP, DIP and PIP joint extension
- Adjustable wrist
- Provides for low pressure stretch therapy
- Hand Bladder can be used separately without full orthosis as needed
- Can fit into even the most tightly clenched hand
  - Headliner Material only
  - Ambidextrous

### FINGER EXTENDER HAND ORTHOSIS WITH GRADUATED ROLLS





F101

contracted hand

Allows for gradual therapeutic increases in ROM of the

Acts as a buffer between fingers and palm in the tightly

- DIP, PIP and MP joints

  Comes with 2 sized firm hand rolls to encourage finger
- Comes with 2 sized firm hand rolls to encourage fingers to gradually increase extension (soft rolls available upon request)
  - Soft rolls available upon request
  - Terrycloth
  - **⊘** Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners, without rolls)
  - Ambidextrous
  - Pediatric Sizing

### **LONG OPPONENS HAND ORTHOSIS**





#### LOPH

- Our hand splint for individuals with extra long forearms
- 4 straps comes standard
- Available in hand Thumb (LOHT-101) and deviation models (LODH-101)as well
  - Terrycloth
  - **⊘** Headliner
  - Ambidextrous
  - Pediatric (large only)



### **EXTRA LONG PAN HAND ORTHOSIS**



**LPH101** 

- Our hand splint for individuals with longer fingers
- Available in Hand Thumb (LPHT-101) and deviation models (LPDH-101) as well
  - **⊘** Terrycloth

  - Ambidextrous

### **DORSAL HAND ORTHOSIS**





- Great for carpal tunnel treatment and prevention
- Provides dorsal wrist support with fingers free for movement
- Can adjust wrist to desired flexion and extension
  - Terrycloth
  - **⊘** Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - **⊘** Pediatric sizing
  - **⊘** Order Right or Left

### **OPPOSITION THUMB HAND**



#### **OPH101**

- Adjustable C bar to hold thumb in opposition
- Adjustable thumb support to position thumb
- Thumb strap available upon request
- Provides a completely adjustable enclosure of the thumb to position the MCP, PIP and DIP joints of the thumb
  - Terrycloth

  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Pediatric sizing
  - Order Right or Left

Shown in Comfyprene camouflage color

### **COMFY GRIP HAND ORTHOSIS**

### **CGRIP**



- This popular orthosis supports the wrist and uses soft rolls to gradually encourage finger extension
- Frame can easily slide between palm and contracted fingers
- Two graduated finger rolls included
  - Adult sizing only (check special sizing chart in back)
  - Order Right or Left
  - Headliner Material only

**COMFY PGRIP** 



PGRIP-101



- Ultra padded to comfort and position weak or deformed hands
- Adjustable side wings prevent ulnar and radial deviation
- Comes with matching removable finger separator
  - Comes exclusively in teal terrycloth color with outer tan headliner material
  - Adult size only
  - Ambidextrous

### **COMFYPRENE HAND SEPARATE FINGER ORTHOSIS**



HSF101-CP



Shown in Comfyprene purple color with included finger separator attached



Shown in Comfyprene light blue color without included finger separator attached

- Allows for individualized finger placement and adjustments
- Excellent for Dupytrens, Swan Neck or Boutonneire contractures or sprains and fractures
  - Comes with matching color finger separator
  - Comes only in Comfyprene slim profile (comes with 5 attachable/removable hygiene liners)
  - All Comfyprene colors (Camouflage, Purple, Light Blue, and Dark Blue) available
  - Order Right or Left
  - Comes in Adult or Pediatric large only (see pg. 15 for sizing chart)

### **COMFYPRENE CONTOUR HAND**

**HCO-CP** 



- Unique side flaps hold wrist in place
- C-bar and thumb support with included strap
- 4 straps comes standard
- Unique butterfly designed side straps hold wrist and forearm in place
- Contours the whole hand, wrist and forearm
  - Adult sizing only
  - Comes exclusively in light blue Comfyprene material
  - Order Right or Left

### **COMFY SLIM HAND**



**CH-SLIM** 



- Super slim, discrete design
- Supports the wrist, hand and fingers
- Moldable and adjustable padded metal frame
  - **▼** Tan headliner material only
  - **⊘** Adult Only
  - Ambidextrous

### **COMFY SLIM WRIST**



**CW-SLIM** 



- Super slim, discrete design
- Supports the wrist and hand, with fingers free
- Moldable and adjustable padded metal frame
  - Tan headliner material only
  - Adult Only
  - **⊘** Ambidextrous

### **ADULT AIR HAND ROLL ORTHOSIS**



**HAL-101** 



- Inflatable roll can easily slide through contracted hands by pulling attached string
- Inflate bladder to desired size to promote extension
- Reduces finger flexion contractures, plantar maceration and positions thumb in opposition
  - **✓** Terrycloth material
  - **⊘** Adult one size
  - Ambidextrous

### FINGER CONTRACTURE CUSHION WITH FINGER SEPARATOR



**HFCC-101** 





- Self use cushion with padded separators and thick elastic band to hold hand in place
- Reduces finger flexion contractures, plantar maceration and positions thumb in opposition
  - **⊘** Terrycloth material

  - Available in Adult Large or Adult Small

### COMFYPRENE COCK UP ORTHOSIS





HC-101-CP



- Supports wrist after casting, sprain, strain or joint weakness
- Comfortably holds wrist in position to reduce pain and promote healing
- Side wings adjust to prevent ulnar or radial deviation and allow for custom fit
  - Available exclusively in Comfyprene (comes with 5 attachable/removable hygiene liners)
  - Ambidextrous
  - Pediatric Sizing

### **ELBOW HAND COMBINATION**





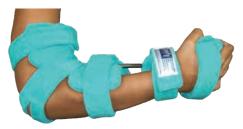
EH101



Shown in adult with FH attachment



Shown with HR attachment



Pediatric Shown Above

- Two part internal frame allow for simultaneous extension of the elbow and hand
- Accounts for upper extremity flexion synergy
- Hand can accommodate pronation and supination
- Improves range of motion and positioning for functional use and prevents flexion contractures
- Fully adjustable. Supinated hand can be rotated to accommodate to neutral
- Ideal for the gradual extension of clenched fingers, wrist or hand and to aid with the spastic elbow
- Useful in the treatment of deformities caused by CP, CVA, disuse atrophy or neurological disorders
- Two separate components combine to form one splint
- Comes standard with Full Hand attachment (FH), but is also available with Hand Roll attachment (HR) or Hand Thumb attachment (HT) depending on user need
- Elbow can also be ordered with a Goniometer (GE101) or Spring loaded Goniometer (SGE101) option (For more detailed goniometer information please see page 14)
  - **⊘** Terrycloth
  - **⊘** Pediatric Sizing
  - **⊘** Ambidextrous

# **COMFY CUDDLERS**

### Our line of "Splinting for Dummies"

Our Comfy Cuddler Hand Orthoses have the same easy adjustability and patient comfort as our Comfy Splints<sup>TM</sup>, plus:

- A). Come standard with 4th strap
- B). Numbered straps for easy fitting
- C). Butterfly frame design to improve adjustability & fit at the wrist and forearms
  - **D).** Longer forearm length

All Cuddlers are available in Terrycloth cover in Adult Sizing only

### **COMFY CUDDLER HAND ORTHOSIS**



CCH101 (pg. 5)



- Same great features as our classic hand H101, with all the Comfy Cuddler bonuses (see above)
  - Ambidextrous

### **COMFY CUDDLER HAND THUMB**



### CCHT101 (pg. 5)

- Thumb tab functionally positions thumb without thenar eminence stretching
- Same great features as our HT101, with the Comfy Cuddler bonuses (see above)
  - Ambidextrous



#### **COMFY CUDDLER OPPOSITION HAND**





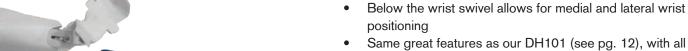
### CCOPH101 (pg. 7)

- Adjustable C bar at thumb positions thumb in full opposition
- Same great features as our OPH101, with the Comfy Cuddler bonuses (see above)
  - Order Right or Left

### **COMFY CUDDLER DEVIATION HAND**



### CCDH101 (pg. 12)



the Comfy Cuddler bonuses (see above) Ambidextrous



### HAND SPLINTS- ADJUSTABLE

### **COMFY CUDDLER DEVIATION HAND THUMB**



### CCDHT101 (pg. 5)



- Below the wrist swivel allows for medial and lateral wrist positioning
- Same great features as our DHT101, with all the Comfy Cuddler bonuses (see pg. 11)
  - Ambidextrous

### **ADJUSTABLE CONE HAND**





### ACH101





Shown with optional finger separator (FS1)



Frame shown without cover

- Developed to treat strong flexion synergy of the fingers and wrist
- Worn on lateral side of arm
- Has an adjustable hinge at the wrist to increase wrist extension
- Fingers are positioned around cone
  - Terrycloth
  - **⊘** Headliner
  - Pediatric Sizing
  - Ambidextrous

### **DEVIATION HAND ORTHOSIS**





### **DH101**



Shown in Comfyprene purple



- Unique below the wrist swivel ability that allows for lateral and medial movements
- Great for arthritic or neuromuscular deformities or for flaccid, weak or spastic hand conditions
- Progressively change wrist and finger positions and amount of wrist deviation by adjusting the internal frame and locking the frame's swivel with included hex wrench
- Correct or control wrist deviation motion even when changes in the position of the wrist and hand are made
- Accommodates for ulnar and radial deviation
  - Terrycloth

  - Comfyprene (comes with 5 attachable/ removable hygiene liners)

  - **⊘** Ambidextrous
  - ✓ 4 strap option (4S-DH101)

### HAND SPLINTS- ADJUSTABLE

### **DEVIATION FINGER EXTENDER ORTHOSIS**









- Great features of our F-101 (pg. 6) with deviation to allow for lateral and medial accommodation
- Progressively change wrist and finger positions and amount of wrist deviation by adjusting the internal frame and locking the frame's swivel with included hex wrench (easily stored under cover)
- For the severely contracted hand and wrist that also has ulnar and radial deviation
- Can be used with or without provided hand rolls
  - Headliner
  - Terrycloth
  - Pediatric Sizing
  - Ambidextrous

### **COMFY DEVIATION OPPOSITION HAND**



#### **DOPH101**

FS<sub>1</sub>





- Extra thumb support features of our OPH-101 (pg.7) with deviation to allow for medical and lateral wrist positioning
- Thumb enclosure allows for MCP, PIP, and DIP joint positioning
- Frame's below the wrist swivel joint can be adjusted or locked in place with included hex wrench (easily stored under cover)
  - Terrycloth
  - ✓ Order Right or Left
  - Pediatric Sizing

### **OPTIONAL FINGER SEPARATOR**







### Wonderful attachment that provides a soft cushion between joints

- Prevents pressure areas between the PIP and DIP joints of adjoining digits
- Can also be faced downwards to prevent hyperextension
- Therapists find it useful when attached to our Hand (H101), Hand Thumb (HT101), Opposition Hand (OPH101), Long Pan (LPH101), Long opponens (LOPH101), Spring Goniometer hands (SGH101, SGHT101, SOPH101, SGF101), Adjustable cone hand (ACH101) and Comfy Cuddler Hands
  - Terrycloth
  - Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Ambidextrous
  - Pediatric Sizing









Pediatric Shown Above

### GONIOMETER AND SPRING LOADED GONIOMETER HAND ORTHOSES

Progressive and gradual dynamic extension or flexion in a comfortable, adjustable and removable splint form!





Any of our Hand splints can be made with a Goniometer or Spring loaded Goniometer feature added. Here are some examples of our goniometer splints:

# GONIOMETER HAND (GH-101) AND GONIOMETER HAND THUMB (GHT1-1) (pg. 5)





- Our popular Hand Orthosis and Hand Thumb orthosis (pg. 5/6) with added goniometer. Spring loaded options available too! (SGH-101 and SGHT-101)
  - Terrycloth
  - Broadcloth
  - **⊘** Pediatric

# SPRING LOADED (OR REGULAR) GONIOMETER OPPOSITION HAND (SOPH-101) (pg. 7)



- The same great "C" bar orthosis that holds the thumb in opposition (see pg. 7- OPH-101) comes with Spring Loaded Goniometer
  - Terrycloth
  - Broadcloth
  - Pediatric
  - ✓ Order Right or Left

### GONIOMETER AND SPRING-LOADED GONIOMETER FEATURES:

- Our goniometer works in the same manner as serial casting by gradually adjusting the amount of extension
- Use our patented Goniometer dial to set the range of flexion and extension. The supplied Allen wrench (fits neatly under cover) adjusts angle on hinge goniometer from 0° to 180° in 10° increments
- Blocks flexion or extension while allowing motion in opposite direction
- Can also be set in a desired static position
- Re-adjustable custom fit of wrist MP, PIP and DIP joints
- Goniometer dial and metal are protected and hidden so that there are no exposed metal parts
- Our Spring loaded goniometer orthoses offer the same great features as the regular goniometer with the additional benefit of a spring that gently pushes extremity to the selected degree of extension

# SPRING LOADED (OR REGULAR) GONIOMETER FINGER EXTENDER ORTHOSIS (SGF-101)

(pg. 6)





- Our F101 (pg. 6) orthosis that works great with the severely contracted hand comes with a Spring loaded (or regular) Goniometer to help move the wrist towards extension while allowing free movement to the MP, PIP and DIP joints
  - **⊘** Terrycloth
  - **⊘** Broadcloth
  - Pediatric

# **SIZING CHARTS - HANDS**

Comfy Hands (H101; HT101; DorsH101; OPH101; DH101; SGH101; F101; DF101; ComfyCuddlers and 4Strap options)				
Size Wrist to Tip of Middle Finger Total Length				
Adult Large	8" and Above	13 ¾"		
Adult	7" – 8"	12 ½"		
Adult Small	6" – 7"	11"		
Pediatric Large	4 ½" – 6"	9 ½"		
Pediatric Medium	3" – 4 ½"	8"		
Pediatric Small	2 ½" – 3 ½"	7"		

Comfyprene Hands				
Size Wrist to Tip of Middle Finger Total Length				
Adult Large	8" and Above	12 ½"		
Adult	7" – 8"	11"		
Adult Small	6" - 7"	10"		
Pediatric Large	4 ½" – 6"	9"		
Pediatric Medium	3" – 4 ½"	7"		
Pediatric Small	2 ½" – 3 ½"	6 ½"		

Comfy Long Pan (LPH101)			
Size Wrist to Tip of Middle Finger Total Length			
Adult 9.5"-11.5" 14.5"			

Comfy Long Opponens (LOPH101)			
Size Wrist to Tip of Middle Finger Total Length			
Adult 7"-8" 14.5"			

Comfy Grip (CGRIP101)				
Size Wrist to Palmer Creases Wrist Down Forearm Total Splint Length				
Large	3 ¼"	7"	10 ¼"	
Medium	2 ¾"	6 ¼"	9"	
Small	2"	5"	7"	

Comfy Adjustable Cone Hand ( ACH101)				
Size Wrist to Tip to Middle Finger Total Length				
Adult	7" – 8"	12 ½"		
Pediatric Large	4 ½" – 6"	9 ½"		
Pediatric Medium	3" – 4 ½"	8"		
Pediatric Small	2 ½" – 3 ½"	7"		

Comfyprene Cock-Up Hand (HC101-CP)				
Size Wrist to Crease of MP Joints Total Length				
Adult	4 ½" and Above	8 ¼"		
Pediatric Large	3 ½" – 4 ½"	7"		
Pediatric Medium	2 ½" – 3 ½"	5 ¾"		
Pediatric Small	2" – 3"	5 ¼"		

# **SIZING CHARTS - HANDS**

Comfyprene Separate Finger Hand (HSF101-CP)				
Size Wrist to Tip of Middle Finger Total Length				
Adult 6" – 8"		12.5"		
Pediatric Large 4 ½" – 6" 10"				

Comfyprene Infant Hand (HIS-101-CP)				
Size Wrist to Tip of Middle Finger Total Length				
Infant Extra Large	2 ½" – 3"	5 ½"		
Infant Large	1 ¾" – 2 ½"	4 ½"		
Infant Medium	1 ½" – 2"	3 ¾"		
Infant Small	1 ½" and Smaller	2 ¾"		

Comfy Elbow-Hand (EH101)			
Size	Bicept Circumference Splint Length		
Adult	11"-15"	14.5"-18"	
Adult Small	9"-12"	14.5″-18″	
Pediatric Large	8"-10"	11"-14"	
Pediatric Medium	6"-8"	9"-13"	
Pediatric Small	4"-6"	7"-12"	

### **ELBOW SPLINTS- STATIC/PROGRESSIVE**

Our elbow splints are 'bend to fit' so the splint spine can bend to the desired ROM and cuffs can adjust for optimal fit. Ideal for providing gradual extension to the non-fixed elbow contracture, providing excellent support for flaccid or weak extremities or helping immobilize painful extremities. All elbow orthoses are interchangeable for either extremity.

### **ELBOW SPLINT FEATURES:**

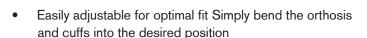
- Provides graduated extension of the
- Treatment of non-fixed contractures of the elbow
- Helps restrict arthritic changes, elbow flexion pattern problems and deformity related to neuromuscular impairment
- Positions the flaccid elbow and arm in functional position
- Maintains skin integrity by absorbing moisture, allowing air circulation and preventing skin maceration
- Easily adjustable to individual patient without the use of heat or tools

### **ELBOW ORTHOSIS**









- Can provide gradual extension of the non-fixed elbow contracture
- Optional elbow pad (E-pad) can be added for pressure protection
- Aids with elbow flexion pattern problems, arthritic changes and any deformity related to neuromuscular impairment
  - **⊘** Terrycloth
  - Headliner
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Pediatric Sizing
  - Ambidextrous

### **OPTIONAL EPAD**



E-SLIM

E101

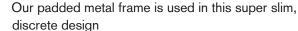


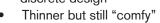
Easily slides over our elbow splints to provide extra elbow protection

### **SLIM ELBOW**



Shown in light blue Comfyprene model





- Tan Headliner Material only
- Adult Only
- Ambidextrous





### **ELBOW SPLINTS- ADJUSTABLE/DYNAMIC**

### **LOCKING ELBOW (WITH PULL TAB)**



**LE101** 



- Increases and maintains knee extension following CVA, surgery, injury or neurological problems
- Set locking mechanism by pulling out ring and locking into 1 of 6 desired positions
- HCPC code: L3760
- Easy adjustments with no additional tools needed
  - Terrycloth only
  - Adult only
  - **⊘** Ambidextrous

### **COMFYPRENE CENTER PULL ELBOW ORTHOSIS**



**CPE-101- CP** 

- Lift and Lock push tab to allow for 15 degree adjustments
- Locks in place to create a static splint with easy adjustability
- Low profile Comfyprene design
  - Available in Comfyprene Dark blue adult only (comes with 5 attachable/removable hygiene liners)
  - Ambidextrous

### **ELBOW HAND ORTHOSIS**





EH101

 For details about our Comfy Combination Elbow Hand Orthosis, please see page 10



Shown in adult with FH attachment



Pediatric Shown Above

### **ELBOW SPLINTS- ADJUSTABLE/DYNAMIC**

#### **GONIOMETER ELBOW ORTHOSIS**









- Has the same benefits as serial casting and allows for progressive extension of the elbow in 10 degree increments, but does so in a comfortable, adjustable and removable splint form
- The goniometer lets you set a range within which the elbow can flex and extend, or can lock at a desired degree. Allen wrench provided and easily stored under orthosis cover
- Blocks flexion or extension while allowing motion in opposite direction
- Can also be set in the desired static position
- See more about our goniometer on page 14
  - **⊘** Terrycloth
  - Broadcloth
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - **⊘** Pediatric Sizing
  - Ambidextrous



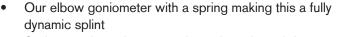
Shown in dark blue Comfyprene model

### **SPRING LOADED GONIOMETER ELBOW**





### **SGE101**



- Spring gently pushes extremity to the selected degree of extension
- Helps increase elbow extension
- Excellent for individuals with strong flexor tone and flexion force
- Allows for progressive extension of the elbow in 10 degree increments
- The goniometer lets you set a range within which the elbow can flex and extend, or can lock at a desired degree. Allen wrench provided and easily stored under orthosis cover
- See more about our goniometer on page 14
  - Terrycloth
  - **⊘** Broadcloth
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Pediatric Sizing
  - Ambidextrous



# **SIZING CHARTS - ELBOW**

Comfy Elbows				
Size	Elbow Crease towards Wrist	Elbow Crease towards Shoulder	Total Length	Circumference of Biceps
Adult	5 ¼"	5 ¼"	10 ½"	11" - 15"
Adult Small	5	5	10	9" – 12"
Pediatric Large	4 ½"	4 ½"	9	8" - 10"
Pediatric Medium	3 ¾	3 ¾	7 ½"	6" - 8"
Pediatric Small	3 ¼"	3 ¼"	6 ½"	4" - 6"

Comfyprene Elbows				
Size	Elbow Crease towards Wrist	Elbow Crease towards Shoulder	Total Length	Circumference of Biceps
Adult	5 ¼"	5 ¼"	10 ½"	11" - 15"
Adult Small	5"	5″	10"	9" – 12"
Pediatric Large	4 ½"	4 ½"	9"	8" - 10"
Pediatric Medium	3 ¾"	3 ¾"	7 ½"	6" - 8"
Pediatric Small	3 ¼"	3 ¼"	6 ½"	4" - 6"

Comfy Elbow-Hand (EH101)			
Size	Bicept Circumference	Splint Length	
Adult	11"-15"	14.5″-18″	
Adult Small	9"-12"	14.5″-18″	
Pediatric Large	8"-10"	11"-14"	
Pediatric Medium	6"-8"	9"-13"	
Pediatric Small	4"-6"	7"-12"	

Our simple to use knee splints allow for gradual extension of non-fixed knee contractures and can be custom fit using our adjustable inner frame. All knee splints are interchangeable for either extremity and our machine washable, soft, padded Comfy covers absorb moisture to prevent skin maceration and breakdown.

### **KNEE SPLINT FEATURES:**

- Stabilize (immobilize) joints in a desired position to rest the joints, tendons, ligaments and muscles or maintain a certain bone alignment
- Prevent contracture or deformity
- Gradually stretch contracture to increase range to joint motion
- Substitute lost muscle function to the flaccid or weak extremity
- Maintains gain achieved by manipulation, corrective surgery or reconstructive procedures
- Relieves pain

### **KNEE ORTHOSIS**









- Thigh and calf cuffs are bendable to allow for optimal fit
- Excellent for the flaccid or weak extremity for support or immobilization
- Can provide gradual extension to the non-fixed knee contracture
  - **⊘** Terrycloth
  - Broadcloth
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - **✓ Pediatric Sizing**
  - **⊘** Ambidextrous





Easily slides over our knee splints to provide extra knee protection

### **SLIM KNEE**



K-SLIM

**KPAD** 



- Our padded metal frame is used in this uber slim, discrete design
- Moldable and adjustable
- Thinner but still "comfy"
  - Tan headliner material only
  - Adult Only
  - Ambidextrous

### **KNEE SPLINTS- ADJUSTABLE/DYNAMIC**

### **LOCKING KNEE**



**LK101** 





- Increases and maintains knee extension following CVA, surgery, injury or neurological problems
- Set locking mechanism by pulling out ring and locking into 1 of 6 desired positions
- Easy adjustments with no additional tools needed
  - Terrycloth
  - Adult
  - Ambidextrous

### **COMFYPRENE CENTER PULL KNEE ORTHOSIS**



### **CPK-101-CP**

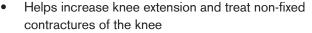
- Lift and Lock push tab to allow for 15 degree adjustments
- Locks in place to create a static splint with easy adjustability
- Low profile Comfyprene design
  - Available in Comfyprene Dark blue adult only (comes with 5 attachable/removable hygiene liners)
  - **⊘** Ambidextrous

### **GONIOMETER KNEE ORTHOSIS**





### **GK101**



- Allows for progressive extension of the knee in 10 degree increments
- The goniometer lets you set a range within which the knee can flex and extend, or can lock at a desired degree Allen wrench provided and easily stored under orthosis cover
- See more about our goniometer on page 14
  - **⊘** Terrycloth
  - Broadcloth
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - Pediatric Sizing
  - Ambidextrous



### **KNEE SPLINTS- ADJUSTABLE/DYNAMIC**

### **SPRING LOADED GONIOMETER KNEE**









- Our knee goniometer with a spring making this a fully dynamic splint
- Spring gently pushes extremity to the selected degree of extension
- Excellent for individuals with strong flexor tone and force
- Allows for progressive extension of the elbow in 10 degree increments
- The goniometer lets you set a range within which the knee can flex and extend, or can lock at a desired degree.
   Allen wrench provided and easily stored under orthosis cover
- See more about our goniometer on page 14
  - Terrycloth
  - Broadcloth
  - Comfyprene (comes with 5 attachable/ removable hygiene liners)
  - **⊘** Pediatric Sizing
  - Ambidextrous

### **SIZING CHARTS - KNEE**

Comfy Knees					
Size	Knee Crease towards Ankle	Knee Crease towards Thigh	Total Length	Circumference below Thigh	Circumference below Calf
Adult	7"	7"	14"	19" - 23"	16" - 20"
Adult Small	6"	6"	12"	13" - 19"	11" - 16"
Pediatric Large	5 ¼"	5 ¼"	10 ½"	10" - 14"	8" - 13"
Pediatric Medium	4 ½"	4 ½"	9"	6" - 11"	5" - 10"
Pediatric Small	3 ¾"	3 ¾"	7 ½"	5" - 10"	4" - 6"

Comfyprene Knees					
Size	Knee Crease towards Ankle	Knee Crease towards Thigh	Total Length	Circumference below Thigh	Circumference below Calf
Adult	7"	7"	14"	19" - 23"	16" - 20"
Adult Small	6"	6"	12"	13" - 19"	11" - 16"
Pediatric Large	5 ¼"	5 ¼"	10 ½"	10" - 14"	8" - 13"
Pediatric Medium	4 ½"	4 ½"	9"	6" - 11"	5" - 10"
Pediatric Small	3 ¾"	3 ¾"	7 ½"	5" - 10"	4" - 6"

### **KNEE / HIP**

Our Knee/Hip orthoses provide comfort and ability to gradually separate the hips, thighs and knees. Both models shown below can fit into even severely adducted thighs allowing for easy use and high efficacy rates.

### **KNEE / HIP FEATURES:**

- Prevents hip or knee scissoring
- Immobilization of hips post-surgery or trauma
- Aids in wound management and prevention
- Enhances position for ADL functioning
- Stabilization of joints
- Gradual stretching of unfixed contractures to increase ROM

#### **COMFY AIR/HIP KNEE ABDUCTOR**





- Consists of two separate inflatable parts that can be used separately as needed or attached together with hook and loop closure
- Gently provides gradual hip and knee abduction
- Can also be used separately for positioning needs and pressure area prevention
- Wide adjustment range (1/2" to 8")
- Soft foam padded comfy covers are gentle on skin
  - **⊘** Terrycloth
  - **⊘** One Size adult

### **COMFY HIP/KNEE ABDUCTOR ORTHOSIS**

ABD-1



- Wide adjustment range (1/2" to 9")
- Can slip into severely adducted thighs
- Easily expandable against strong adductor muscle resistance
- Soft knee cuffs are adjustable and washable
- Knob positioned to prevent patient tampering
- Provides gradual hip and knee abduction
  - Terrycloth
  - One Size adult

### **ANKLE AND FOOT**

Our extensive line of ankle and foot splints help prevent plantar flexion contractures, control hip rotation, prevent pressure areas, relive foot drop and support structures for optimal ambulation.

# SAMPLE INDICATIONS FOR AFO USE:

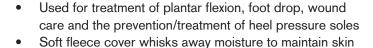
- Plantar flexion
- Non-fixed contractures
- Heel pressure prevention
- Current heel decubitus ulcers
- Spasticity
- Inversion/Eversion
- Rotation
- Tendonitis
- Ankle Sprains
- Stress Fractures
- Plantar Fascitis
- Ligament and tendon repairs

### **COMFY BOOT / AMBULATING BOOT**





C-BOOT / A-BOOT



- integrity

   Adjustable to e post relives pressure on the toes and
- Adjustable toe post relives pressure on the toes and adjusts to accommodate variations in foot size
- Rotator bar can be positioned to control hip and leg rotation
- Heel floats to prevent areas of breakdown
- Comes standard with extender kit (CBOOT-E) to accommodate for wider or edematous feet
- The A-Boot comes with the addition of an ambulating nonslip sole
- A-Boot sole can be easily added or removed for ambulating and transfers
  - Soft fleece lined headliner material
  - One size adult and pediatric
  - Ambidextrous



### **RESTING NIGHT BOOT**



**N-BOOT** 



- Helps treat plantar fasciitis and achilles tendonitis
- This simple, light weight splint is intended for bed/night use only (non-ambulation)
- Easy to apply, remove and adjust
- Soft Lycra lined foam interior is plush washable and breathable to eliminate heat build up
- Dorsal strap with Lycra so tendon is pressure-free
  - **⊘** Ambidextrous

### **ANKLE AND FOOT**

### SIDE STRAP ADDITIONS AND ANKLE REINFORCEMENT



### **CBOOT-STRAP / A-BOOT-STRAP**



- Our great boot features side strap additions and ankle reinforcement
- Available in both the CBoot (CBoot-Strap) and ABoot (ABoot-Strap) models
- Additional side strap helps control plantar flexion
- Aids with foot positioning and keeps ankle from flexing
- Straps can be easily adjusted and readjusted
- Heel 'floats' preventing areas of pressure
- Both come with extension pad (see below) for use as needed
  - Headliner material
  - One size adult
  - Ambidextrous

#### **SPRING LOADED ANKLE FOOT**



SAF-1

- Spring provides a gentle push towards extension and ankle dorsiflexion as the foot goes into plantar flexion
   Degrees of flexion and extension (ROM) can be easily set by attached spring-loaded goniometer
- Heel 'floats' to prevent areas of pressure
- Alternative to serial casting that allows for progressive increases in ankle ROM or relief of foot drop
- Anti-rotation bar can be positioned to control hip and leg rotation
  - Soft Terrycloth
  - Ambidextrous
  - Adult one size fits most

### **EXTENSION PAD ATTACHMENT**





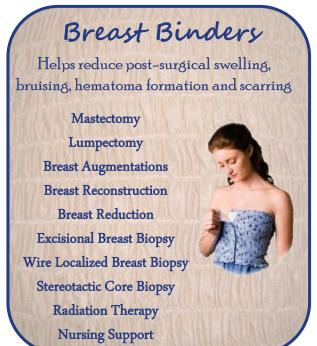
- Extension pad comes standard with all Boot models
- Helps accommodate wide or edematous feet
- Hook and lock attachment allows for easy placement and adjustments

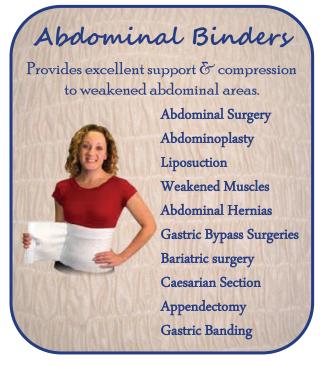
### **SIZING CHART - ANKLE AND FOOT**

AFO sizing (C-Boot; A-Boot; CBoot Strap; ABootstrap; AF; SAF)				
	Adult	Pediatric		
Foot Length	8" to 13"	5" to 8"		
Calf Circumference	Up to 16"*	Up to 11" *		
Heel to Top of Back	11 ½"	7"		

<sup>\*</sup> Included extender kit can be used to calf or foot area to help accommodate for additional size, edema or bandages.











- ✓ Easy to Apply
- ✓ Gentle Compression
  - ✓ Latex Free
- ✓ Machine Washable
- ✓ Durable and Soft
- ✓ Variety of colors & materials





Call or Click to find out more about our innovative and effective products,

and see why we have

"An obsession with compression"

(800) 582-5332

www.eabmedical.com

### Comfysplints HCPC Codes

www.comfysplints.com

Lenjoy CAT #	DESCRIPTION	CODE
DH101-CP	Comfyprene Deviation Hand Orthosis	L3807
DORSH101-CP	Comfyprene Dorsal Hand Orthosis	L3807
H101-CP	Comfyprene Wrist-Hand-Finger Orthosis	L3807
HT101-CP	Comfyprene Hand-Thumb Orthosis	L3807
HC101-CP	Comfyprene Cock-up Hand Orthosis	L3908
HSF101-CP	Comfyprene Separate Finger Hand Orthosis	L3807
OPH101-CP	Comfyprene Opposition Hand Orthosis	L3807
ACH101	Comfy Adjustable Cone Hand Orthosis	L3915
H101	Comfy Wrist-Hand-Finger Orthosis	L3807
HA101	Comfy Air Hand Orthosis	L3807
HT101	Comfy Hand-Thumb Orthosis	L3807
F101	Comfy Finger Extender Hand Orthosis	L3807
LOPH101	Comfy Long Opponens Hand Orthosis	L3807
LPH101	Comfy Long Pan Hand Orthosis	L3807
DORSH101	Comfy Dorsal Hand Orthosis	L3807
OPH101	Comfy Opposition Thumb Hand Orthosis	L3807
CGRIP	Comfy GRIP Hand Orthosis	L3807
DH101	Comfy Deviation Hand Orthosis	L3807
DF101	Comfy Deviation Finger Extender Hand Orthosis	L3807
SGH101	Comfy Spring Goniometer Hand Orthosis	E1805
SGF101	Comfy Spring Goniometer Finger Extender Orthosis	E1805
CCH101	Comfy Cuddler Wrist-Hand-Finger Orthosis	L3807
CCHT101	Comfy Cuddler Hand-Thumb Orthosis	L3807
CCOPH101	Comfy Cuddler Opposition Hand Orthosis	L3807
CCDH101	Comfy Deviation Hand Orthosis	L3807
4S-H101	Comfy 4-Strap Wrist-Hand-Finger Orthosis	L3807
4S-HT101	Comfy 4-Strap Hand-Thumb Orthosis	L3807
4S-DH101	Comfy 4-Strap Deviation Hand Orthosis	L3807
E101-CP	Comfyprene Elbow Orthosis	L3762
EG101-CP	Comfyprene Goniometer Elbow Orthosis	L3760
ESG101-CP	Comfyprene Spring Goniometer Elbow Orthosis	E1800
E101	Comfy Elbow Orthosis	L3762
LE101	Comfy Pull Ring Locking Elbow Orthosis	L3760
GE101	Comfy Goniometer Elbow Orthosis	L3760
SGE101	Comfy Spring Goniometer Elbow Orthosis	E1800
K101-CP	Comfyprene Knee Orthosis	L1836
KG101-CP	Comfyprene Goniometer Knee Orthosis	L1832
KSG101-CP	Comfyprene Spring Goniometer Knee Orthosis	E1810
K101	Comfy Knee Orthosis	L1836
LK101	Comfy Pull Ring Locking Knee Orthosis	L1831
GK101	Comfy Goniometer Knee Orthosis	L1832
SGK101	Comfy Spring Goniometer Knee Orthosis	E1810
AF101	Comfy Ankle Foot Orthosis	L4398
SAF101	Comfy Spring Ankle Foot Orthosis	E1815
CBOOT	Comfy Boot	L4396
ABOOT	Comfy Ambulating Boot	L4396
ABD-1	Comfy Hip / Knee Abductor Orthosis	L1652

Lenjoy Medical Engineering, Inc. produces the above chart to assist in determining the proper Orthosis to use. This table has been developed as a reference only. Lenjoy Medical Engineering, Inc. makes no guaranty as to Medicare or other insurance coverage levels. Updated August 2011

Lenjoy Medical Engineering, Inc. www.comfysplints.com