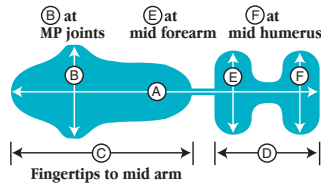


COMFY™ ELBOW AND ARM POSITIONER

Two part malleable internal frame orthosis extends the hand and elbow simultaneously.

- Flexibility and multiple functions make this orthosis ideally suited for the severely contracted hand.
- Use for gradual extension of the spastic elbow, clenched finger, wrist or hand. Useful in the treatment of deformities caused by CP, CVA, disuse atrophy or neurological disorders.
- Improves range of motion and positioning for functional use and prevents flexion contractures.
- Fully adjustable. Supinated hand can be rotated to accommodate to neutral.
- Fits either the left or right hand. Color-coded pediatric sizes. Adult size fits most adults.
- The covers and straps on this positioner are made of soft, absorbent terry cloth. Covers and straps are machine washable. Insert can be cleaned by wiping with a solution of warm water and disinfectant or detergent. Latex free.

NC55520-1	Small Child	Purple
NC55520-2	Medium Child	Blue
NC55520-3	Large Child	Green
NC55520-A	Adult	Navy



Sizing

Orthosis generally fits little more than half the circumference of the supported area.

Splint Dimensions

Child	A	B	C	D	E	F	Rod adjustment
Small	12" to 12½"	5"	5½"	6½"	5"	5"	0" to ½"
Medium	13" to 13½"	5½"	6"	7½"	5½"	6"	0" to ½"
Large	15½" to 16½"	5½"	7½"	8"	6"	6"	0" to 1"
Adult	19½" to 21½"	6½"	9½"	10½"	7"	7"	0" to 2"

Orthosis and cuffs bend into the desired position.



COMFY™ PEDIATRIC ELBOW ORTHOSIS

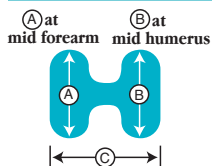
Provides gradual extension of non-fixed elbow contractures.

- Use to treat elbow flexion pattern problems, arthritic changes and any deformity related to neuromuscular impairment.
- Simply bend the orthosis and cuffs into the desired position.
- Padded removable covers and straps are made of soft, absorbent terry cloth for added comfort. Machine washable.
- Fits left or right arm. Sizes indicate approximate age.
- Latex free.

Pediatric	Approximate Age
NC35040-1 Small	1 to 4 yrs.
NC35040-2 Medium	4 to 9 yrs.
NC35040-3 Large	9 yrs. to adult

Splint Dimensions

Child	A	B	C
Small	5" (13cm)	5" (13cm)	6" (15cm)
Medium	5½" (14cm)	5½" (14cm)	8" (20cm)
Large	6" (15cm)	6" (15cm)	8" (20cm)
Adult	7" (18cm)	7" (18cm)	10½" (27cm)



FREEHAND DEX DYNAMIC ELBOW EXTENSION BRACE

Low profile, lightweight, dynamic support can be used for a variety of elbow conditions.

- Ideal for treatment of cubital tunnel syndrome by preventing prolonged elbow flexion. Specially designed to avoid any pressure on the ulnar nerve.
- Side coils provide dynamic extension force to return the temporarily flexed elbow to extension even during sleep.
- Allows momentary elbow flexion against slight resistance for functional arm use, which can help maintain or gently strengthen the biceps.
- Coils and side pieces are made of preformed bendable wire encased in tubing, easily modified by hand for a custom fit. Cross bars are made of leather covered moldable metal which contours around the arm.
- Open design results in minimal skin contact and allows the arm to remain cool and dry, promoting longer comfortable wear.
- Removable straps have hook-loop fasteners for greater adjustability.
- The two sizes of splint fits arms of all lengths and girths. Fits either left or right elbow.
- Latex free.

HW469-S/M Fits most women and smaller men

HW469-L/XL Fits most men and larger women

*Original design by Roy A. Meals, MD

ELBOW ORTHOSES



PROGRESS™ ELBOW ORTHOSIS

Encourage progressive range of motion at the elbow simply by recontouring the orthosis.

- The Progress™ Elbow Orthosis combines a malleable metal frame with dense foam padding, providing the comfort of a lightweight, soft splint and the support of molded plastic.
- Metal frame allows custom contouring of the trough sections and positioning of the elbow from full extension to 90° flexion via an anterior application. Flexion beyond 90° is achieved via posterior application with minor modifications.
- Includes four straps with D-ring buckles and Velcro® strap tabs that secure the splint and apply counterforce in the presence of increased muscle tone.
- Use the optional Olecranon Pad with the Progress™ Elbow Orthosis to add cushioned counterforce at the elbow. The Olecranon Pad is made of dense foam and compatible hook fabric. The Pediatric Elbow Orthosis includes a Pediatric Olecranon Pad.

- Latex free.
- To size, measure biceps circumference at the mid-humerus. If between sizes, choose the larger size.

		Biceps Circumference	Orthosis Length
NC25653	Pediatric (Includes Pediatric Olecranon Pad)	5½" to 7" (14 to 18 cm)	11" (28 cm)
NC25650	Youth	7" to 9" (18 to 23 cm)	12½" (32 cm)
NC25651	Small/Medium	9" to 13" (23 to 33 cm)	14" (36 cm)
NC25652	Medium/Large	13" to 16" (33 to 41 cm)	16½" (42 cm)
NC25649	Youth/Adult Olecranon Pad		

Achieve up to 0° extension.



PROGRESS-PLUS™ ELBOW TURNBUCKLE ORTHOSIS

Simplify contracture management.

- Outer shell is made of Kydex® for optimal force distribution, stability and durability.
- Removable liner is made of neoprene padding with a soft, nylon covering.
- Improves range of motion by providing static progressive positioning of the elbow. Simply screw the included turnbuckle in or out to apply the desired level of force. Ideal for post-surgical repairs, contractures or abnormal tone conditions affecting the elbow.
- Provides infinite adjustability. Turn the turnbuckle to position the elbow between 0° extension and 110° flexion. Move the turnbuckle end to the proximal hole to obtain maximal extension or to the distal hole to obtain up to 110° flexion. No tools are needed for adjustments.
- Order optional turnbuckle if greater end force is needed. For final flexion use one size smaller and for final extension, use one size larger turnbuckle.
- D-ring Velcro® straps provide easy application and cinching for proper fit. Slip-on pads on the straps provide optimal comfort and support across the arm.
- Shell can be cleaned with soap and water. Liner may be machine washed and air dried.
- Fits either the left or right arm.
- Large size orthosis weighs 1 lb., 5 oz. (595g).
- Latex free.
- To size, measure circumference at the forearm and at the biceps (see chart, right).

Achieve up to 110° flexion.



Sizing Chart

	Forearm Circumference
Small	7½" to 9½" (19 to 24 cm)
Medium	9½" to 12" (24 to 30 cm)
Large	12" to 15" (30 to 38 cm)
	Biceps Circumference
Small	8½" to 11" (22 to 28 cm)
Medium	11" to 14" (28 to 36 cm)
Large	13" to 16½" (33 to 42 cm)

	Orthosis Length
NC33800 Small	12" (30 cm)
NC33801 Medium	14¾" (37 cm)
NC33802 Large	16¼" (41 cm)

Optional Turnbuckle (see page 51)

NC33799-TB	Mini
NC33800-TB	Small
NC33801-TB	Medium
NC33802-TB	Large



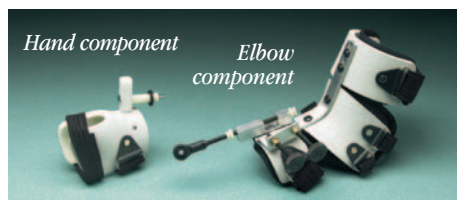
PROGRESS-PLUS™ PRONATION/SUPINATION ORTHOSIS

Provides infinite, static progressive positioning of the forearm in pronation or supination.

- Orthotic shells are made of Kydex® for optimal force distribution, stability and durability. Can be modified slightly using a heat gun.
- Ideal for managing contractures due to neurological disorders, muscle hypertonicity or orthopedic conditions affecting the forearm. Recommended for serial splinting to increase range of motion or for post-operative use to limit or prevent forearm rotation.
- A removable, neoprene liner is included with the elbow component.
- D-ring hook and loop straps provide easy application and cinching for a proper fit. Neoprene pads slip onto the straps, providing optimal comfort and support across the arm.
- Anterior arm design facilitates self-donning and doffing and lets the arm rest on a tabletop for greater functional use and comfortable positioning.
- Elbow is held static at approximately 60° flexion. Hand component has a molded palmar arch for better fit and allows mid-range wrist motion.
- Fits left or right arm. To size elbow component, measure biceps circumference. To size hand component, measure width at the MP joints. Some assembly required. Clean with soap and water.
- Large size weighs 1 lb., 12 ozs. (794g).
- Patent number 6,179,799.
- Latex free.

Elbow Component				Biceps Circumference	
Left	Right				
NC14040-1	NC14040-2	Small		8½" to 11"	(22 to 28cm)
NC14040-3	NC14040-4	Medium		11" to 13½"	(28 to 34cm)
NC14040-5	NC14040-6	Large		13½" to 16"	(34 to 41cm)
Hand Component				MP Width	
Left	Right				
NC14041-1	NC14041-2	Small		2¾" to 3"	(7.0 to 7.6cm)
NC14041-3	NC14041-4	Medium		3" to 3½"	(7.6 to 8.9cm)
NC14041-5	NC14041-6	Large		3½" to 4"	(9 to 10cm)

Note: For a complete orthosis, order both the hand and elbow components. Each component is sold separately.



PROGRESS-PLUS™ ELBOW HINGE ORTHOSIS

Locks elbow in position or allows movement within a given range.

- Bilateral hinges provide full range of motion, and adjust in 30° increments. Achieve in-between positions by adjusting the strap tension. Attain blocked or full range of motion in one or both directions.
- Use the included hex wrench to adjust the two hinge screws and set the desired angle of flexion and extension.
- Bend padded cross supports for best fit. Trim foam padding as needed.
- Protective covers over the hinge axis offer a comfortable fit.
- Includes durable straps with matching D-ring buckles and Velcro® tabs.
- Fits either the left or right arm. To size, measure the circumference at the mid-humerus. Latex free.

Hinge Splint	Mid-Humerus Circumference
NC25657 Small/Medium	8" to 11" (20 to 28cm)
NC25658 Medium/Large	11" to 14" (28 to 36cm)

DYNAMIC ATTACHMENT FOR PROGRESS-PLUS ELBOW HINGE ORTHOSIS

Makes splinting distal biceps tendon repairs fast and efficient.

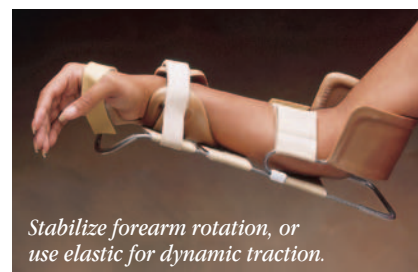
- Ideal for post surgical or neuromuscular conditions affecting the elbow.
- Use to reduce elbow extension contractures or to maintain the elbow in flexion while allowing protected extension within a given range for tendon repair conditions.
- Includes two unique mounting brackets similar to the Dynamic Elbow Flexion Splint Kit (NC15445, see page 52). Shorten the elastic cord length between the two mounting brackets to control the amount of flexion range and/or resistive extension force.
- Use only with the Progress™ Plus Elbow Hinge Orthosis (sold separately above).

NC25661

LMB WIRE-FOAM™ PRONATION/SUPINATION SPLINT

Effective, lightweight splint used to increase forearm rotation.

- May be used for positioning or restoring forearm rotation post-operatively or following a fracture or crush injury.
- This lightweight forearm splint supports the elbow at 90°. Hook and loop fasteners hold the forearm in pronation or supination.
- Elastic may be used for dynamic traction.
- Fits either the left or right arm.
- Latex free.
- To size, measure length from the olecranon to the volar wrist crease.



	Forearm Length
L4003-C	8" to 10½" (20 to 27cm)
L4003-D	10¾" to 13" (27 to 33cm)

ELBOW AND FOREARM ORTHOSES

Available in adult and pediatric sizes.



Forearm Pronation



Forearm Supination



Glove acts as a web space splint.

COMFORT COOL™ SPIRAL ARM SPLINT



Provides thumb abduction and dynamic forearm pronation or supination.

- The 2" (5.1cm) wide spiral forearm strap is made of 1/8" (3.2mm) loop neoprene and easily attaches to the glove using Velcro® hook.
- Helps decrease abnormal tone and increase joint range of motion in persons with neurological disorders, orthopedic conditions and brachial plexus injuries.
- The strap supplies the dynamic force needed for forearm supination or pronation, depending on its spiral placement on the arm. Neoprene can be trimmed for a custom fit. Applies a prolonged, gentle pull that places the upper extremity into a more functional position.
- Includes low-cut glove with wraparound strap, which assists with thumb abduction. This **Web Space Glove** is also available separately as a replacement, or it can be used on its own.
- Ideal for widening thumb web space due to muscle tone imbalance or contractures. Glove is made of 1/16" (1.6mm) perforated, loop neoprene with a terry cloth liner for comfort and coolness.
- Hand wash and air dry.
- Latex free.

Left	Right	MP Circumference
NC34800	NC34801	Pediatric 5 1/2" to 6 1/4" (14 to 16cm)
NC34802	NC34803	Small 6 1/4" to 7" (16 to 18cm)
NC34804	NC34805	Medium 7" to 8" (18 to 20cm)
NC34806	NC34807	Large 8" to 9" (20 to 23cm)

Web Space Glove Replacement

Left	Right	
NC34800-H	NC34801-H	Pediatric
NC34802-H	NC34803-H	Small
NC34804-H	NC34805-H	Medium
NC34806-H	NC34807-H	Large



Removable thermoplastic insert limits flexion and allows elbow extension.

COMFORT COOL™ ULNAR NERVE ELBOW PROTECTOR WITH GEL PAD

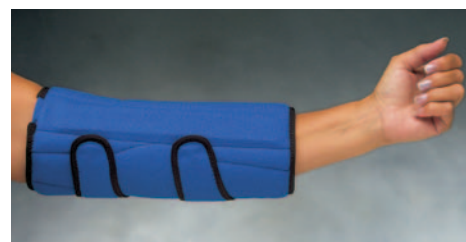
Allows greater functional use of the arm because the elbow is not totally immobilized.

- Made of 1/16" (1.6mm) perforated neoprene with a soft terrycloth liner. Circumferential design with open proximal end is easy to put on and adjust.
- Provides protection and support for bursitis, ulnar nerve irritation, tendinitis and post-surgical repair.
- Mold the precut, 1/8" (3.2mm) Prism™ splint insert to custom fit the elbow at the flexion limit. Design allows the elbow to move from full extension to the limited flexion position, protecting the ulnar nerve from damaging tension.
- Removable gel pad protects the vulnerable posterior elbow from painful bumps and pressure points.
- Hand wash and air dry.
- Latex free.
- If between sizes, choose the larger size.



Includes thermoplastic insert, neoprene support and gel elbow pad.

		Forearm Circumference
NC33850-1	Small	8" to 9 1/2" (20 to 24cm)
NC33850-2	Medium	9 1/2" to 11" (24 to 28cm)
NC33850-3	Large	11" to 12 1/2" (28 to 32cm)
NC33850-4	X-Large	Over 12 1/2" (Over 32cm)



PIL-O-SPLINT® ELBOW SUPPORT

Soft, adjustable wrap promotes comfortable elbow extension.

- Made of breathable foam covered with soft fabric for cushioned support.
- Helps relieve pain associated with cubital tunnel syndrome, sprains, tendinitis and tennis elbow.
- Dual Velcro® straps allow easy compression adjustments with one hand.
- The removable, hard plastic stay lies lateral to the elbow and helps block elbow flexion.
- **Standard** measures 11 1/4" (29cm) long.
- **X-Large** measures 13" (33cm) long.
- Machine washable.
- Latex free.



Removable plastic stay.

		Forearm Circumference
NC10113	Standard	Up to 11" (28cm)
NC10115	X-Large	Over 11" (28cm)