

CDS® Wrist Brace Extension

Dynamic spring-loaded wrist orthosis

Patents

EP 0 841 044 / US 5,954,677 / DE 10 2015 012 320 / EP 3352713 / EP 3 146 944
further patents pending

Sizes



This product is available in pediatric sizes.

Indications

- Joint contractures due to
 - vegetative state
 - cerebral palsy
 - genetic syndroms
 - epilepsy
 - spina bifida
 - near-drowning
 - burns
 - stroke
 - spinal injury
 - paralysis
 - craniocerebral injury
 - capsular ligament injury
 - surgery
 - arthrosis and chronic polyarthritis
- to prevent recurring contractures following arthrolysis

Features

- activation of the extensors and stretching of the flexors
- spring tension individually adjustable
- spring tension can be switched on and off without tools and without varying the set spring tension
- adjustable shell- and straps system
- handle angle adjustable according to course of treatment

Optionally with carrying strap.

Mode of Operation

The CDS® Wrist Brace Extension is based on the CDS®-principle and has been designed to treat an extension deficit of the wrist. The brace applies a dynamic low load prolonged stretch to stimulate growth in the contracted tissue. The infinitely adjustable redression range up to -15° prevents harmful overstretching.



Size chart and article numbers

Name	Length of forearm shell medial*	Circumference of forearm	Circumference of wrist	Width palm plate	Art.-No. left	Art.-No. right
Wrist Extension L/L	21 - 23,5 cm	22 - 30 cm	20 - 30 cm	10 cm	931LL-L	931LL-R
Wrist Extension L/M	21 - 23,5 cm	18 - 24 cm	16 - 26 cm	8 cm	931LM-L	931LM-R
Wrist Extension L/S	21 - 23,5 cm	14 - 19 cm	12 - 22 cm	6 cm	931LS-L	931LS-R
Wrist Extension M/M	17 - 19 cm	18 - 24 cm	16 - 26 cm	8 cm	931MM-L	931MM-R
Wrist Extension S/S	16 - 19 cm	14 - 19 cm	12 - 22 cm	6 cm	931SS-L	931SS-R
Carrying strap L	580-200-S					
Carrying strap S	580-210-S					

*in combination with the respective shell sets

Modules for the modular assembly

Shell Sets Forearm

Size	Circumference of forearm	links	right	Art.-No.
L/XXL	28 - 38 cm	•		824LXXL-L
			•	824LXXL-R
L/XL	24 - 36 cm	•		824LXL-L
			•	824LXL-R
L/L	22 - 30 cm	•		824LL-L
			•	824LL-R
L/M	18 - 24 cm	•		824LM-L
			•	824LM-R
L/S	14 - 19 cm	•		824LS-L
			•	824LS-R
M/M	18 - 24 cm	•		824MM-L
			•	824MM-R
S/S	14 - 19 cm	•		824SS-L
			•	824SS-R



Hinge Sets CDS® Wrist Extension

Application	Hinge Set	Length of forearm shell medial*	left	right	Art.-No.
L/XXL	Hinge Set CDS® Wrist Extension L	21 - 23,5 cm	•		870-200-L
L/XL				•	870-200-R
L/L				•	870-200-R
L/M				•	870-200-R
M/M	Hinge Set CDS® Wrist Extension M	17 - 19 cm	•		870-210-L
				•	870-210-R
S/S	Hinge Set CDS® Wrist Extension S	16 - 19 cm	•		870-210-L
				•	870-210-R

*in combination with the respective shell sets



Palm Plates

Size	Width palm plate	left	right	Art.-No.
L plus*	10 cm	•		827L-PL
			•	827L-PR
L	10 cm	•		827L-L
			•	827L-R
M	8 cm	•		827M-L
			•	827M-R
S	6 cm	•		827S-L
			•	827S-R



* Like palm plate L, only with wide finger plating.

Measurement Chart

Noch nicht richtig übersetzt

