

# CDS® Knee Brace Amputation

## Dynamic spring-loaded knee orthosis

**Patents** EP 0 841 044 / US 5,954,677 / EP 3352713 / further patents pending

### Indications

- extension deficit of the knee following lower leg amputation

### 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 strapsystem
- length adjustment of the shells
- even pressure distribution



### Mode of operation

The CDS® Knee Brace Amputation is based on the CDS®-principle and has been designed to treat an extension deficit of the knee. The brace applies a dynamic low load prolonged stretch to stimulate growth in the contracted tissue. The infinitely adjustable redression range up to  $-15^\circ$  prevents harmful overstretching

### Size chart and article numbers

Size	L/L	LM/M	S/S
Hinge	CDS® Hinge		
Shells	Aluminium Shells		
Length at thigh medial [cm]	23 - 25,5	21,5 - 24	17,5 - 20
Length at calf medial [cm]	17 - 25	17 - 25	17 - 25
Circumference at thigh [cm]	36 - 66	33 - 43	30 - 40
Circumference at stump [cm]	40 - 48	33 - 40	27 - 33
Art.-No. left	903LL-L	903LMM-L	903SS-L
Art.-No. right	903LL-R	903LMM-R	903SS-R


\*in combination with the respective shell set

## Modules for the modular assembly

When combining modules of different sizes, we recommend consulting albrecht to ensure the compatibility of the modules.

### Thigh Shell Sets

Size	L	LM	S
Shells	Aluminium Shells		
Circumference at thigh [cm]	36 - 66	33 - 43	30 - 40
Art.-No. left	830L-L	830LM-L	830S-L
Art.-No. right	830L-R	830LM-R	830S-R



### Hinge Set CDS® Knee Brace Amputation




Size	L	S
Use for	L,M	S
Hinge	CDS® Hinge	
Length at thigh medial [cm]*	23 - 25,5 21,5 - 24	17,5 - 20
Length at calf medial [cm]*	17 - 25	17 - 25
Art.-No. left	870-102-L	870-122-L
Art.-No. right	870-102-R	870-122-R

\*in combination with the respective shell set

### Calf Shell Sets

Size	L	M	S
Shells	Aluminium Shells		
Circumference at stump [cm]	40 - 48	33 - 40	27 - 33
Art.-No. left	834L	834M	834S
Art.-No. right	834L	834M	834S



# Meaning of indicated dimensions

