

CDS® Combination Brace Knee - Ankle

Dynamic spring-loaded knee / ankle orthosis

Patents EP 0 841 044 / US 5,954,677 / EP 3 352 713 / EP 3 922 221 / further patents pending

Sizes  This product is also 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
 - before and after joint replacement
 - arthrosis and chronic polyarthritis
- to prevent recurring contractures following arthrolysis
- rupture of muscle fibre in the quadriceps
- patella tendon tear
- quadriceps weakness
- conservative, post-surgical for all indications that contraindicate active flexion of the knee
- spasticity following surgery on the central nervous system
- hereditary spastic paraparesis
- muscular dystrophy
- arthrogryposis multiplex congenita
- pointed toe

Features

- fast disconnection and reconnection of the elements by Coniungi
- variable length between pivotal points
- infinitely variable adjustment of the redression range between -15° and +30°
- adjustable foot rotation 5° exterior rotation, 5° interior rotation
- therapy in dorsal extension (ankle)
- therapie in extension (knee)
- height adjustment of the pivotal point of the ankle
- spring tension can be switched on and off without tools and without varying the set spring tension
- individually adjustable shell and strap system



Mode of operation

The CDS® Combination Brace Knee-Ankle is based on the CDS®-principle and has been designed to treat an extension deficit in the knee and a dorsal extension deficit in the ankle. The brace applies a dynamic low load prolonged stretch to stimulate growth in the contracted tissue.

Size chart and article numbers

Size	CDS® Combination Brace Knee-Ankle	CDS® Combination Brace Knee-Ankle Junior
Hinge	CDS® Hinge	CDS® Nano Hinge
Shells	Aluminium Shells	Textile Shells
Art.-No. left	980C-L	980CN-L
Art.-No. right	980C-R	980CN-R

Meaning of indicated dimensions

