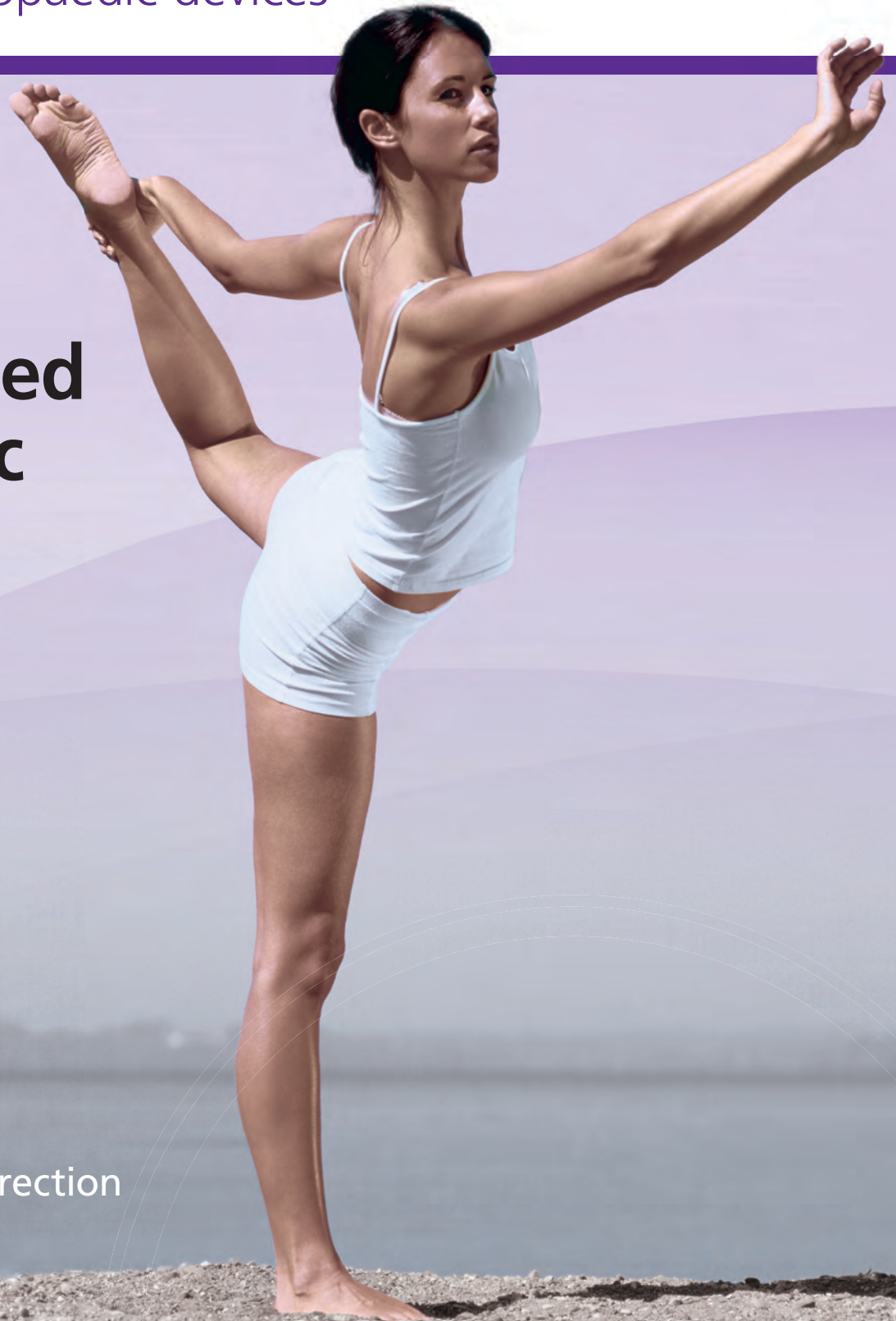




unique orthopaedic devices

CDS® Controlled Dynamic Stretch

Active Dynamic
contracture correction



CDS® Controlled Dynamic Stretch

Active Dynamic contracture correction

» Introduction

Limitation of movement frequently occurs after trauma and surgery, as well as in the field of neurology. This can cause pain and perceptibly interfere with the quality of life for those affected. A complex treatment plan and the close collaboration of consultants, orthotists, therapists and nurses is often necessary to help the patient. The unique CDS® orthoses can provide an innovative aid to assist in that plan.

The CDS® orthoses contain an adjustable spring loaded hinge, that exerts a controllable active dynamic force. The individually adjustable spring force is displayed by an indicator and can be deactivated when applying and removing the brace, or during breaks in treatment.

The shell construction of the braces offer the greatest comfort in wear and outstanding pressure distribution. The adjustable limitation of the correction range protects the tissue from harmful and painful over stretching.

» Treatment

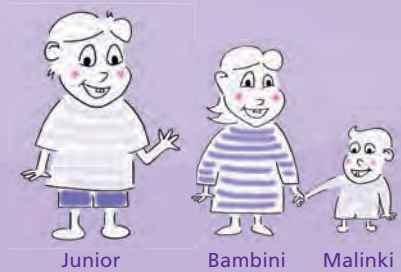
The CDS® principle of controlled dynamic stretch applies an active dynamic stretch to the structures limiting ROM in order to stimulate growth of the shortened tissue and increase range of motion.

The combination of stretch and active movement stimulates blood circulation in the contracted tissue in order to return it to a normal level of weight bearing and mobility. Through this physiological contracture treatment, fast results with high compliance are achieved.

» CDS® Hinge torque against adjusted scale value

Position scale	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Nm - CDS Hinge spring force through brace (for braces with one CDS hinge)	1.85	2.18	2.35	2.65	2.90	3.15	3.40	3.60	3.80	4.00	4.20	4.38	4.58	4.70	4.85	5.02
Nm - CDS Hinge spring force through brace (for braces with two CDS hinges)	3.70	4.36	4.70	5.30	5.80	6.30	6.80	7.20	7.60	8.00	8.40	8.76	9.18	9.40	9.70	10.04
Nm - CDS Nano Hinge spring force through brace (for Paediatric Bambini and Malinki braces with one hinge)	0.60	0.70	0.80	0.90	1.00	1.10	1.18	1.25	1.35	1.40	1.50	1.60	1.70	1.80	1.90	2.00
Nm - CDS Nano Hinge spring force through brace (for Paediatric Bambini and Malinki braces with two hinges)	1.20	1.40	1.60	1.80	2.00	2.20	2.36	2.50	2.70	2.80	3.00	3.20	3.40	3.60	3.80	4.00

» Paediatric Options



In order to treat various indications in children, we also offer a full range of paediatric options. Please note the Bambini and Malinki options have the smaller Nano hinge and a reduced force (as detailed above).

CDS® Knee Brace Extension Amputation (90° Hinge)

To provide knee extension assist

» Indications

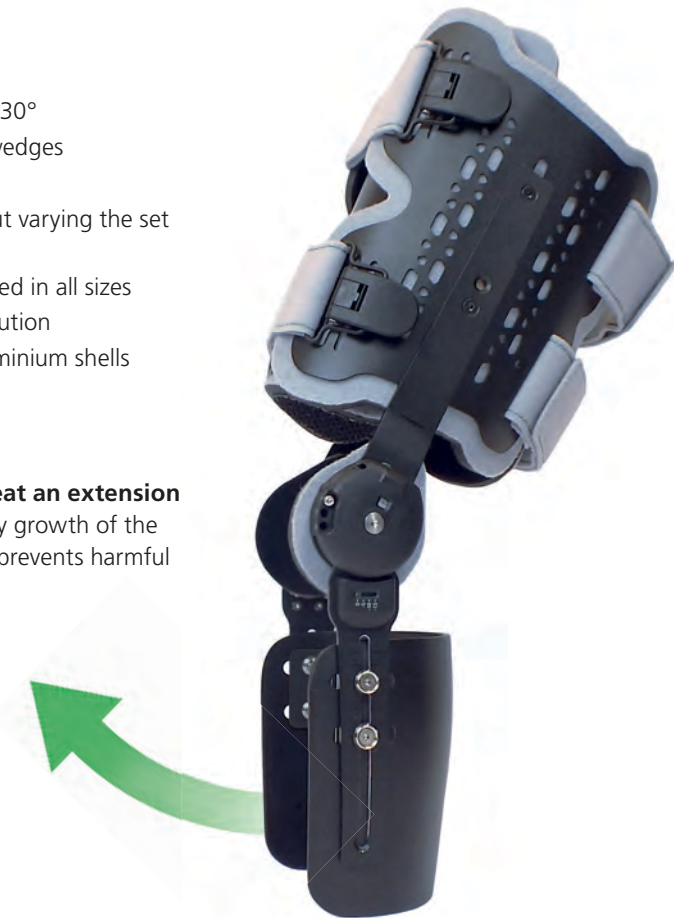
- Knee extension deficit after below-knee amputation

» Features

- Infinitely variable adjustment of extension stop from -15° to +30°
- Flexion stop from 0° to 60° is possible by inserting the stop wedges
- Infinitely variable adjustment of the spring tension
- Spring tension can be switched off without a tool and without varying the set spring tension
- The length of the thigh and lower leg elements can be adjusted in all sizes
- A large area of closed calf shell provides even pressure distribution
- High wearing comfort due to air-permeable, light-weight aluminium shells

» Mode of operation

The CDS® Knee Brace Extension Amputation can be used **to treat an extension deficit of the knee**. The dynamic stretch stimulates the healthy growth of the shortened tissue. The continuously adjustable correction range prevents harmful over stretching.



» Size chart and product codes

Size	Length of thigh shell medial	Length of lower leg shell	Circumference of thigh	Circumference of lower leg	Code-left	Code-right
S/S	17.5 - 20 cm	17 - 25 cm	30 - 40 cm	27 - 33 cm	903SS-L	903SS-R
LM/M	23 - 25.5 cm	17 - 25 cm	33 - 43 cm	33 - 40 cm	903LMM-L	903LMM-R
L/L	23 - 25.5 cm	17 - 25 cm	36 - 66 cm	40 - 48 cm	903LL-L	903LL-R

Options for Flexion, Custom Made or 360° Hinge are available

» How to measure

- 1 Length of thigh
Measured from the knee to the top edge of the medial thigh shell
- 2 Circumference of thigh
Measured at the middle of the thigh



CDS® Paediatric Knee Brace Extension (90° Hinge)

To provide knee extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After cranio-cerebral trauma (CCT)
- To prevent new contractures after arthrolysis
- Rupture of a muscle fibre of quadriceps femoris
- Patella tendon rupture
- Extension deficit from weakness of quadriceps
- Conservative and postoperative indications, where active flexion of the knee is contraindicated

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in extension between -15° and +30°
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Knee Brace Extension can be used **to treat an extension deficit of the knee**. The dynamic stretch stimulates the healthy growth of the shortened tissue. The continuously adjustable correction range prevents harmful over stretching.

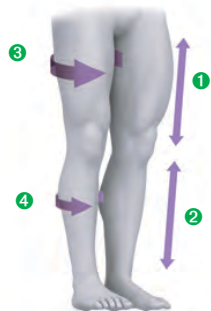
>> Size chart and product codes

Size	Length of thigh shell	Length of lower leg shell	Circumference of thigh	Circumference of lower leg	Code-left	Code-right	Colour
•Malinki	14 - 16.5 cm	15 - 18.5 cm	18 - 22 cm	17 - 20 cm	901XXS-L	901XXS-R	*black
•Bambini	16.5 - 18.5 cm	18.5 - 21.5 cm	22 - 32 cm	20 - 25 cm	901XSXS-L	901XSXS-R	*black
Junior	17.5 - 20 cm	21.5 - 25 cm	30 - 40 cm	22 - 32 cm	901SS-L	901SS-R	*black
Adolescent	23 - 25.5 cm	26.5 - 29 cm	33 - 43 cm	24 - 35 cm	901LM-L	901LM-R	black

- The Bambini and Malinki options have the 360° Nano Hinge
- * Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
- Options for Custom Made or 360° Hinge are available

>> How to measure

- 1 **Length of thigh**
Measured from the knee to the top edge of the medial thigh shell
- 2 **Length of lower leg**
Measured from the knee to the lower edge of the calf shell
- 3 **Circumference of thigh**
Measured at the middle of the thigh
- 4 **Circumference of lower leg**
Measured at the calf



CDS® Knee Brace Extension (90° Hinge)

To provide knee extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis
- Rupture of a muscle fibre of quadriceps femoris
- Patella tendon rupture
- Extension deficit from weakness of quadriceps
- Conservative and postoperative indications, where active flexion of the knee is contraindicated

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in extension between -15° and +30°
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Knee Brace Extension can be used **to treat an extension deficit of the knee**. The dynamic stretch stimulates the healthy growth of the shortened tissue. The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of thigh shell medial	Length of lower leg shell	Circumference of thigh	Circumference of lower leg	Code-left	Code-right
Adolescent	23 - 25.5 cm	26.5 - 29 cm	33 - 43 cm	24 - 35 cm	901LM-L	901LM-R
Adult Small	18.5 - 21 cm	20.5 - 23.5 cm	36 - 66 cm	32 - 47 cm	901ML-L	901ML-R
Adult	23 - 25.5 cm	26.5 - 29 cm	36 - 66 cm	32 - 47 cm	901LL-L	901LL-R

- Options for Custom Made or 360° Hinge are available

>> How to measure

- 1 **Length of thigh**
Measured from the knee to the top edge of the medial thigh shell
- 2 **Length of lower leg**
Measured from the knee to the lower edge of the calf shell
- 3 **Circumference of thigh**
Measured at the middle of the thigh
- 4 **Circumference of lower leg**
Measured at the calf



CDS® Paediatric Knee Brace Flexion (360° Hinge)

To provide knee flexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After cranio-cerebral trauma (CCT)
- To prevent new contractures after arthrolisis
- Conservative and postoperative indications, where active extension of the knee is contraindicated

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in flexion
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Knee Brace Flexion can be used **to treat a flexion deficit of the knee**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of thigh shell	Length of lower leg shell	Circumference of thigh	Circumference of lower leg	Code-left	Code-right	Colour
•Malinki	14 - 16.5 cm	15 - 18.5 cm	18 - 22 cm	17 - 20 cm	904XXS-L	904XXS-R	*black
•Bambini	16.5 - 18.5 cm	18.5 - 21.5 cm	22 - 32 cm	20 - 25 cm	904XSXS-L	904XSXS-R	*black
Junior	17.5 - 20 cm	21.5 - 25 cm	30 - 40 cm	22 - 32 cm	904SS-L	904SS-R	*black
Adolescent	23 - 25.5 cm	26.5 - 29 cm	33 - 43 cm	24 - 35 cm	904LM-L	904LM-R	black

- The Bambini and Malinki options have the 360° Nano Hinge
- * Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
- Options for Custom Made are available

>> How to measure

- 1 Length of thigh
Measured from the knee to the top edge of the medial thigh shell
- 2 Length of lower leg
Measured from the knee to the lower edge of the calf shell
- 3 Circumference of thigh
Measured at the middle of the thigh
- 4 Circumference of lower leg
Measured at the calf



CDS® Knee Brace Flexion (360° Hinge)

To provide knee flexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolisis
- Conservative and postoperative indications, where active extension of the knee is contraindicated

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in flexion
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Knee Brace Flexion can be used **to treat a flexion deficit of the knee**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of thigh shell medial	Length of lower leg shell	Circumference of thigh	Circumference of lower leg	Code-left	Code-right
Adolescent	23 - 25.5 cm	26.5 - 29 cm	33 - 43 cm	24 - 35 cm	904LM-L	904LM-R
Adult Small	18.5 - 21 cm	20.5 - 23.5 cm	36 - 66 cm	32 - 47 cm	904ML-L	904ML-R
Adult	23 - 25.5 cm	26.5 - 29 cm	36 - 66 cm	32 - 47 cm	904LL-L	904LL-R

- Options for Custom Made are available

>> How to measure

- 1 Length of thigh
Measured from the knee to the top edge of the medial thigh shell
- 2 Length of lower leg
Measured from the knee to the lower edge of the calf shell
- 3 Circumference of thigh
Measured at the middle of the thigh
- 4 Circumference of lower leg
Measured at the calf



CDS® Paediatric Elbow Brace Extension (90° Hinge)

To provide elbow extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - Paralysis (discrete palsy of peripheral origin)
 - After cranio-cerebral trauma (CCT)
- To prevent new contractures after arthrolysis
- Treatment after biceps tendon rupture

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in extension between -15° and +30°
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Elbow Brace Extension can be used **to treat an extension deficit of the elbow**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

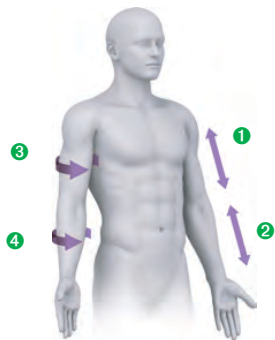
>> Size chart and product codes

Size	Length of upper arm shell	Length of forearm shell	Circumference of upper arm	Circumference of forearm	Code-left	Code-right	Colour
•Bambini	14 - 17 cm	14 - 17.5 cm	12 - 17 cm	12 - 14 cm	906XSXS-L	906XSXS-R	*black
Junior	17 - 20 cm	17.5 - 20.5 cm	15 - 21 cm	14 - 19 cm	906SS-L	906SS-R	*black
Adolescent	17 - 20.5 cm	19.5 - 22 cm	20 - 30 cm	18 - 24 cm	906MM-L	906MM-R	black

- The Bambini option has the 360° Nano Hinge
- * Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
- Options for Custom Made or 360° Hinge are available

>> How to measure

- 1 Length of upper arm
Measured from the elbow to the top edge of the medial upper arm shell
- 2 Length of forearm
Measured from the elbow to the lower edge of the forearm shell
- 3 Circumference of upper arm
Measured at the middle of the upper arm
- 4 Circumference of forearm
Measured at the middle of the forearm



CDS® Elbow Brace Extension (90° Hinge)

To provide elbow extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis
- Treatment after biceps tendon rupture

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in extension between -15° and +30°
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Elbow Brace Extension can be used **to treat an extension deficit of the elbow**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of upper arm shell medial	Length of forearm shell	Circumference of upper arm	Circumference of forearm	Code-left	Code-right
Adult Small	17 - 20.5 cm	19.5 - 22 cm	20 - 30 cm	18 - 24 cm	906MM-L	906MM-R
Adult	18 - 22 cm	21 - 26 cm	28 - 39 cm	22 - 30 cm	906LL-L	906LL-R

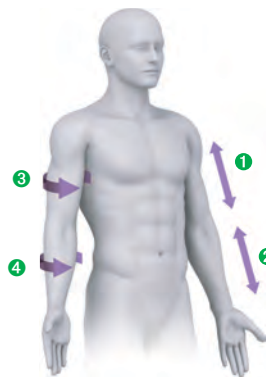
- Options for Custom Made or 360° Hinge are available

Optional handle	Code-left	Code-right
Rotatable	993A-HL	993A-HR

- Handle must be ordered separately if required

>> How to measure

- 1 Length of upper arm
Measured from the elbow to the top edge of the medial upper arm shell
- 2 Length of forearm
Measured from the elbow to the lower edge of the forearm shell
- 3 Circumference of upper arm
Measured at the middle of the upper arm
- 4 Circumference of forearm
Measured at the middle of the forearm



CDS® Paediatric Elbow Brace Flexion (360° Hinge)

To provide elbow flexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - Paralysis (discrete palsy of peripheral origin)
 - After cranio-cerebral trauma (CCT)
- Treatment after biceps tendon rupture
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in flexion
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Elbow Brace Flexion can be used **to treat a flexion deficit of the elbow**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

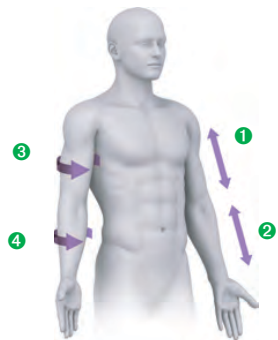
>> Size chart and product codes

Size	Length of upper arm shell	Length of forearm shell	Circumference of upper arm	Circumference of forearm	Code-left	Code-right	Colour
•Bambini	14 - 17 cm	14 - 17.5 cm	12 - 17 cm	12 - 14 cm	907XSXS-L	907XSXS-R	*black
Junior	17 - 20 cm	17.5 - 20.5 cm	15 - 21 cm	14 - 19 cm	907SS-L	907SS-R	*black
Adolescent	17 - 20.5 cm	19.5 - 22 cm	20 - 30 cm	18 - 24 cm	907MM-L	907MM-R	black

- The Bambini option has the Nano Hinge
- * Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
- Options for Custom Made are available

>> How to measure

- 1 Length of upper arm
Measured from the elbow to the top edge of the medial upper arm shell
- 2 Length of forearm
Measured from the elbow to the lower edge of the forearm shell
- 3 Circumference of upper arm
Measured at the middle of the upper arm
- 4 Circumference of forearm
Measured at the middle of the forearm



CDS® Elbow Brace Flexion (360° Hinge)

To provide elbow flexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in flexion
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Elbow Brace Flexion can be used **to treat a flexion deficit of the elbow**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of upper arm shell medial	Length of forearm shell	Circumference of upper arm	Circumference of forearm	Code-left	Code-right
Adult Small	17 - 20.5 cm	19.5 - 22 cm	20 - 30 cm	18 - 24 cm	907MM-L	907MM-R
Adult	18 - 22 cm	21 - 26 cm	28 - 39 cm	22 - 30 cm	907LL-L	907LL-R

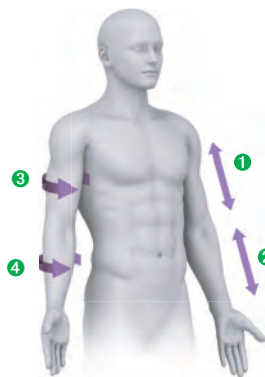
• Options for Custom Made are available

Optional handle	Code-left	Code-right
Rotatable	993A-HL	993A-HR

• Handle must be ordered separately if required

>> How to measure

- 1 Length of upper arm
Measured from the elbow to the top edge of the medial upper arm shell
- 2 Length of forearm
Measured from the elbow to the lower edge of the forearm shell
- 3 Circumference of upper arm
Measured at the middle of the upper arm
- 4 Circumference of forearm
Measured at the middle of the forearm



CDS® Paediatric Wrist Extension Brace (360° Hinge)

To provide wrist extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
- After burns
- After stroke
- After spinal cord injuries
- Paralysis
- After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Correction range can be adjusted in 15° intervals
- Angle adjustable according to course of treatment
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Wrist Extension Brace can be used **to treat an extension deficit of the wrist**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

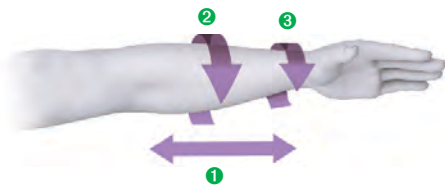
>> Size chart and product codes

Size	Length of forearm shell	Circumference of forearm	Circumference of wrist	Code-left	Code-right	Colour
Junior	16 - 19 cm	14 - 19 cm	12 - 22 cm	931SS-L	931SS-R	*black

* Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
● Options for Flexion and Custom Made are available

>> How to measure

- 1 **Length of forearm** - Measured from the elbow to the lower edge of the forearm shell
- 2 **Circumference of forearm** - Measured at the middle of the forearm
- 3 **Circumference of wrist** - Measured at the wrist



CDS® Wrist Extension Brace (360° Hinge)

To provide wrist extension assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
- After burns
- After stroke
- After spinal cord injuries
- Paralysis
- After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Correction range can be adjusted in 15° intervals
- Angle adjustable according to course of treatment
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Wrist Extension Brace can be used **to treat an extension deficit of the wrist**. The dynamic stretch stimulates the healthy growth of the shortened tissue. The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of forearm shell	Width palm plate	Code-left	Code-right
Small	21 - 23.5 cm	6 cm	931LS-L	931LS-R
Medium	21 - 23.5 cm	8 cm	931LM-L	931LM-R
Large	21 - 23.5 cm	10 cm	931LL-L	931LL-R

● Options for Flexion and Custom Made are available

>> How to measure

- 1 **Width of palm**
Measured across the palm at the base of the fingers



CDS® Paediatric Ankle Brace (360° Hinge)

To provide ankle dorsiflexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After cranio-cerebral trauma (CCT)
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in dorsiflexion
- Single lateral hinge
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

>> Mode of operation

The CDS® Paediatric Ankle Brace can be used **to treat a dorsiflexion deficit of the ankle**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of lower leg shell	Circumference of calf	UK shoe size	Sole length	Code-left	Code-right	Colour
Junior	27 - 31 cm	22 - 32 cm	child 5.5 - adult 2	23 cm	920SXS-L	920SXS-R	*black

* Braces are also available with green, blue, orange or pink shells. These can be specified when ordering but are subject to longer delivery times
● Options for Custom Made are available



CDS® Ankle Brace (360° Hinge)

To provide ankle dorsiflexion assist

>> Indications

- Joint contractures
 - After surgery
 - After conservative treatment of capsular ligament injuries
 - Before and after joint replacement
 - In arthrosis and chronic polyarthritis
 - After burns
 - After stroke
 - After spinal cord injuries
 - Paralysis (discrete palsy of peripheral origin)
 - After craniocerebral trauma (CCT)
- To prevent new contractures after arthrolysis

>> Features

- Individual adjustment of the spring tension
- Spring tension can be switched on and off without tools and without varying the set spring tension
- Infinitely variable adjustment of the correction range in dorsiflexion
- Individual adjustment of shells in position and shape
- High wearing comfort due to air-permeable, light-weight aluminium shells

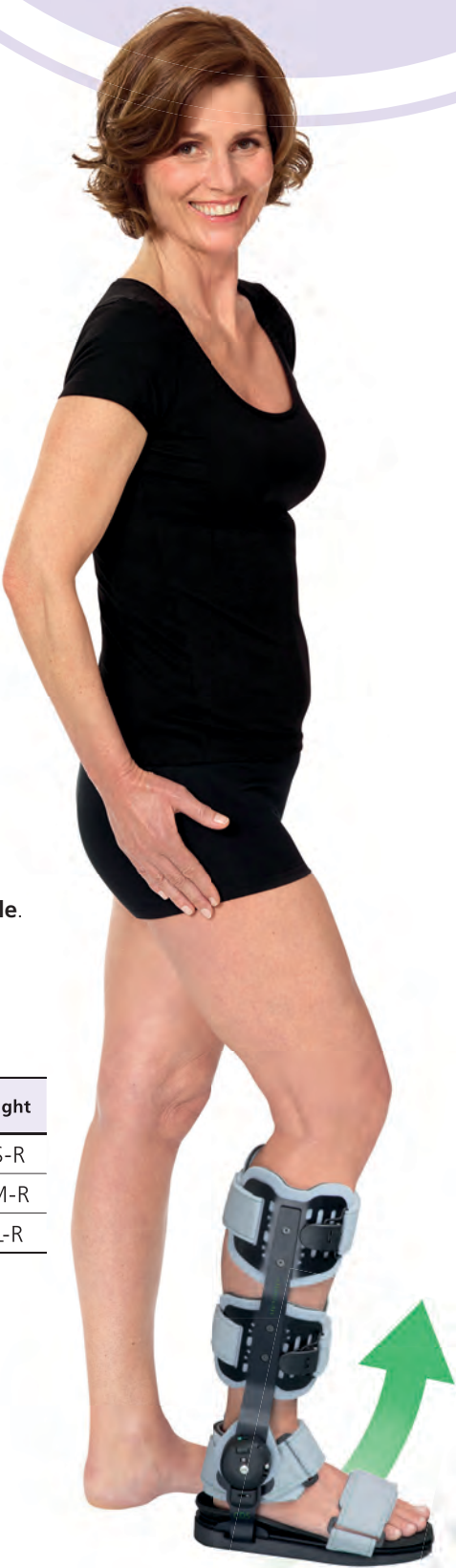
>> Mode of operation

The CDS® Ankle Brace can be used **to treat a dorsiflexion deficit of the ankle**.
The dynamic stretch stimulates the healthy growth of the shortened tissue.
The continuously adjustable correction range prevents harmful over stretching.

>> Size chart and product codes

Size	Length of lower leg shell	UK shoe sizes	Sole length	Code-left	Code-right
Small	36 - 38.5 cm	up to 6	26 cm	920LS-L	920LS-R
Medium	36 - 38.5 cm	6.5 - 9	27.5 cm	920LM-L	920LM-R
Large	36 - 38.5 cm	9.5 up	30 cm	920LL-L	920LL-R

● Options for Custom Made are available



CDS® Controlled Dynamic Stretch

Active Dynamic contracture correction



Brace Orthopaedic website



Brace Orthopaedic, Unit 8, Evans Business Centre, Orion Way, North Shields, Tyne & Wear NE29 7SN

TELEPHONE: **0191 258 8944** FACSIMILE: **0191 622 0117** EMAIL: sales@braceorthopaedic.co.uk WEBSITE: www.braceorthopaedic.co.uk

