

A quick guide to the juxta range

juxtafit

juxtacures

juxtalite

Compression therapy by the specialist

medi offers compression garments
for all individual needs:

- **juxta garments and**
- **mediven® stockings**

Patient Benefits:

- easy to self care
- ensures patient accurate pressure through measurable compression

Clinician Benefits:

- time saving
- cost saving
- consistent prescribed compression safely delivered

Inspiration from nature

The founder of the juxta range of compression devices was married to a lady with lymphoedema. She had been treated for many years unsuccessfully. On a day trip to the Zoo, her husband, an inventor and engineer pondered on why Giraffes, as tall as they are, never experienced swollen ankles. He found the answer in their skin.

Despite ankle pressures in excess of 250 mmHg their inelastic skin prevents them from swelling and ensures a healthy venous and lymphatic return.

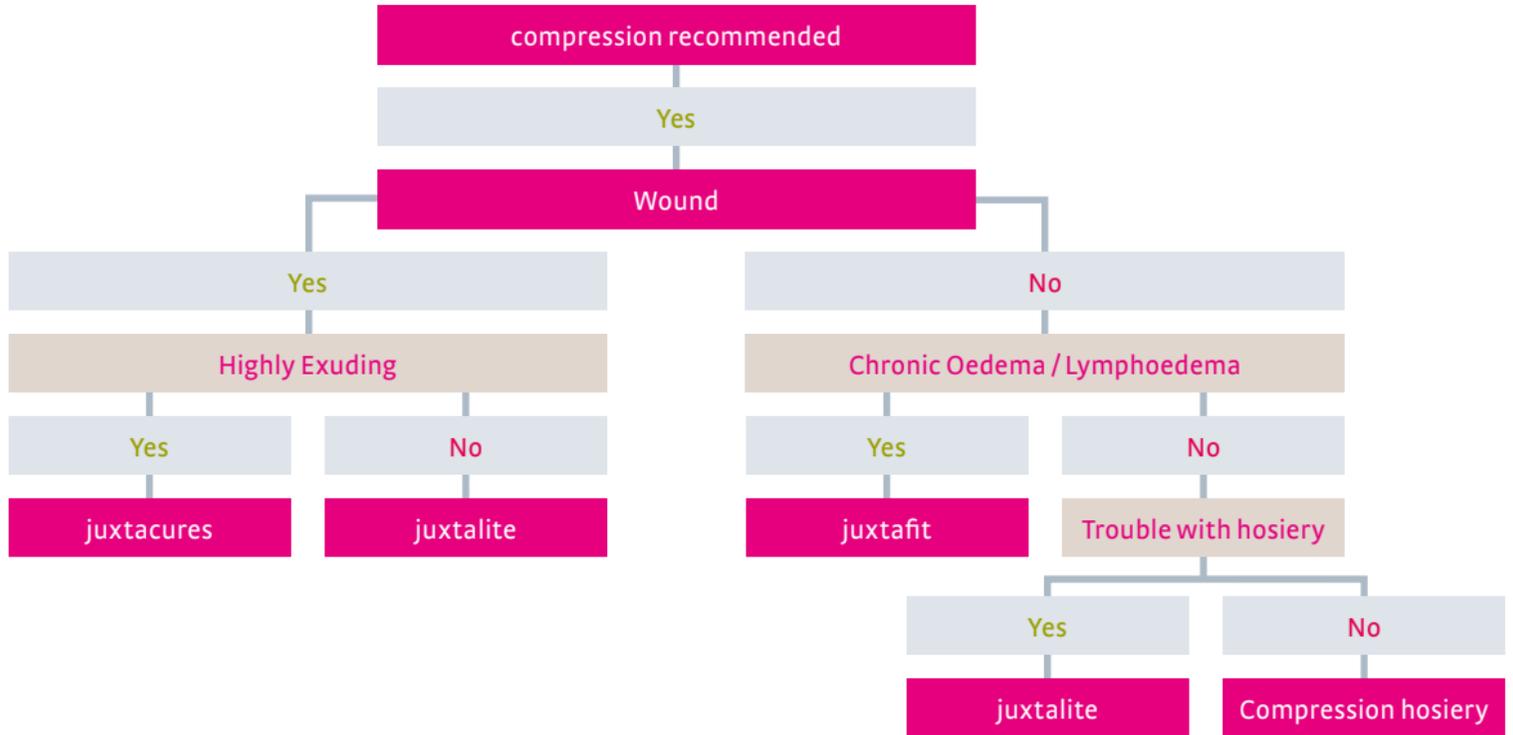
This resulted in the first patented Circaid Legging (stands for Circulation Aid) over 35 years ago. The core technology has evolved into the juxta range of inelastic compression that are successfully used throughout the world.



Indication overview

	Lymphology	Wound Care	Venous
Product	juxtafit armsleeve and leg	juxtacures	juxtalite
Indication	Lymphoedema Leg: mild to severe lymphoedema (stages 1, 2 and 3) Arm: mild to severe lymphoedema (stages 1, 2 and 3)	Active ulcers	Venous diseases
Styles available	Armsleeve, hand wrap, below knee, thigh and knee piece plus a variety of foot pieces	Below knee and anklets	Below knee and anklets

juxta – care pathways – from medi



Features of the juxta range



Built-In-Pressure

Built-In-Pressure system

To set and control the correct therapeutic range of pressure.



Breathe-O-Prene

Breathe-O-Prene®

Breathable, flexible and comfortable material for best wearing comfort.



Juxtaposed band

Juxtaposed band system

Ensures a perfect fit as the straps can be individually adjusted while on the limb.



Variety

Variety

Wide range of styles and sizes available.



Easy handling

Easy handling

Easy donning and doffing promotes patient empowerment.



Inelastic

Inelastic

Inelastic giraffe skin – core technology of all juxta products.



Built-In-Pressure system (BPS) – patented technology

All juxta devices have the unique Built-In-Pressure System (BPS) a method by which the pressure applied can be measured at initial fit, and monitored during the day. The calibrated card is held against two lines on each strap – the scale shows the mmHg applied. This makes application a simple and safe routine – ensuring the wearer has the optimal compression to deal with the underlying disease.

juxtafit –
for chronic
oedema and
lymphoedema



Lymphoedema

What is oedema?

Oedema is a visible and palpable accumulation of fluid in the tissue. Experts distinguish between localised oedema (e.g. swelling of the eyelids, swelling of an arm or leg) and generalised oedema, in which the entire body is swollen. The most clinically important of the numerous forms of oedema are lymphoedema, lipooedema and phleboedema.

Lymphoedema

When the lymphatic system can no longer fulfil the function described above, lymphoedema develops. Lymphoedema consists of collections of fluid in the tissues, mainly in the limbs and rarely throughout the body.

Signs of lymphoedema are

- gradual or sudden swelling of the affected limb, rarely of a number of limbs
- taut skin and a feeling of heaviness at the affected site
- positive Stemmer's sign – the skin on the second toe cannot be raised with two fingers and feels taut and hard
- the skin pits when pressed with a finger at the affected site
- the natural skin folds on the toes and fingers become much deeper
- at later stages hardening (fibrosis) of the affected site

Diagnosis

Only an expert can determine

whether a patient actually has lymphoedema. Usually the specialist can recognise which type of oedema it is from the patient's history and by inspection and palpation (palpating the surface of the body).

If the clinical picture is unclear and in order to rule out malignant processes, modern medical imaging technology may be used in some cases.



Positive Stemmer's sign

Lymphoedema – Types

There are basically two types of lymphoedema.

Primary lymphoedema

is congenital. In this case, some areas of the lymphatic system show defective development. Although damage is present, there is often little or no sign of primary lymphoedema before puberty and it is only when there is a change in the hormone levels, causing a strain on the lymphatic system to increase to such an extent that the limited capacity of the lymphatic system to transport it away is no longer adequate, that an oedema develops and eventually becomes evident.

Secondary lymphoedema

is the result of various conditions:

- after removal of lymph nodes during cancer surgery
- damage to the lymphatic system as a result of surgical interventions
- radiation
- infections with bacteria, fungi or tropical nematodes (filariasis)
- others (injuries, burns, bone fractures)
- lipoedema

Lymphoedema – Stages

Stage 0

As yet unidentified damage to the lymphatic vessels, no lymphoedema.

Stage 1 – reversible stage

The (soft) oedema appears over the course of the day and is reduced or disappears entirely when the limbs are elevated. The tissue pits when pressed and the area holds the indentation for a short time.



Stage 1

Stage 2 – spontaneously irreversible stage

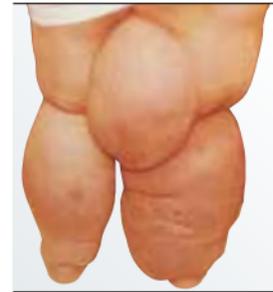
The oedema persists even after prolonged periods of rest. The skin is often already fibrotic and elevation does not reduce swelling. There is little or no pitting when the skin is pressed.

Stage 3 – elephantiasis

Complicated swelling characterises by gross skin changes and fibrotic tissue, which may be wart-like or take the form of small blisters or fistulas, from which lymph leaks out, or can reach the point of huge swellings (“elephantiasis”).



Stage 2



Stage 3

juxtafit® lower leg

High quality instantly adjustable, inelastic compression devices for treating chronic oedema / lymphoedema



juxtafit® lower leg

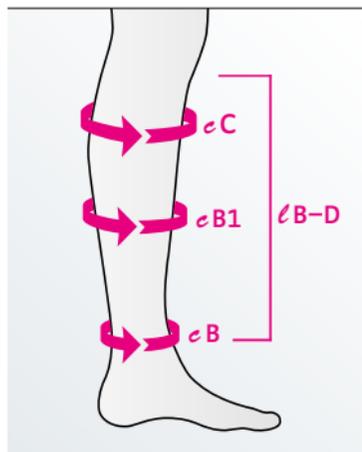
- High quality band fasteners with reinforced landing straps
- BPS to set and control the correct pressure
- Twelve month lifespan



Note

We strongly recommend juxtafit lower leg in combination with a juxta foot option. Comes with 2 liners and a single band ankle foot wrap.

Sizing chart



Circumferences in cm	S	M	M - X	L
eC	30 - 38	36 - 43	43 - 50	41 - 48
eB1	20 - 28	25 - 33	33 - 40	30 - 38
eB	15 - 23	20 - 28	20 - 28	25 - 33
	L - X	XL	XL - X	XXL
eC	48 - 56	41 - 51	51 - 61	53 - 64
eB1	38 - 46	33 - 41	41 - 51	43 - 53
eB	25 - 33	30 - 38	30 - 38	33 - 41
Actual garment length in cm	Short		Long	
lB - D	28		36	

All garments contain the unique Built-In-Pressure system (BPS).

juxtafit® essentials upper leg with knee

High quality instantly adjustable, inelastic compression devices for treating chronic oedema / lymphoedema



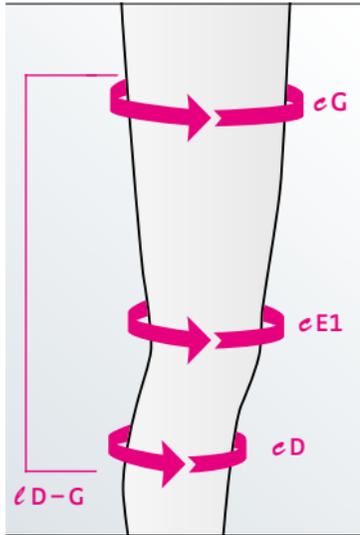
juxtafit® essentials upper leg with knee

- BPS to set and control the correct pressure
- Instantly adjustable, measurable compression
- Available in 6 sizes and 2 lengths
- Six month lifespan

Note

We strongly recommend juxtafit upper leg with knee in combination with juxtafit lower leg and a juxta foot option or flat knit compression of higher or equal value to thigh compression.

Sizing chart



Circumferences in cm	XS	S	M	L	XL
cG	46–62	54–70	60–80	69–90	77–101
$cE1^*$	37–48	42–55	50–65	58–76	66–87
cD	27–35	31–41	35–46	40–52	44–58
Actual garment length in cm	X-Short	Short	Long		
$lD - \text{groin}$	35	45	55		

* 5 cm above the patella

All garments contain the unique Built-In-Pressure system (BPS).

juxtafit® armsleeve

Instantly adjustable compression device for the arm



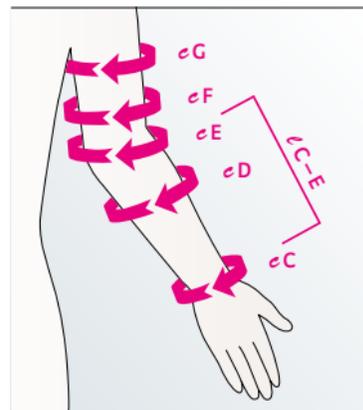
juxtafit® armsleeve

- BPS to set and control the correct pressure
- Available in 6 sizes and 2 lengths
- Six month lifespan

Sizing chart

juxtafit armsleeve circumference measurements (in cm)						
	1	2	3	4	5	6
e G top of upper arm	28–32	30–34	32–37	35–40	38–44	42–48
e F mid upper arm	26–30	28–32	30–35	33–38	36–41	39–45
e E elbow	25–28	27–30	29–32	31–34	33–36	36–40
e D mid forearm	23–26	25–28	27–30	29–32	31–34	33–37
e C wrist	15–17	17–19	19–21	21–23	23–25	25–28

juxtafit armsleeve length measurements (in cm)		
	Standard	Long
l C–E wrist to elbow	up to 25	over 25



juxtafit armsleeve

All garments contain the unique Built-In-Pressure system (BPS).

juxtafit® hand wrap

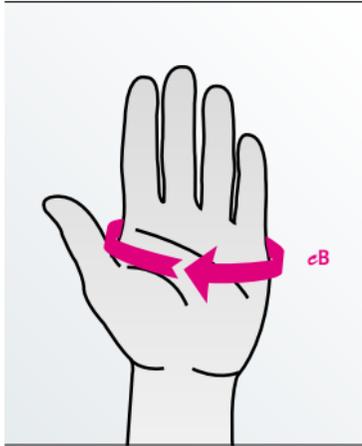


juxtafit® hand wrap

- Compresses the hand from the wrist to the base of the fingers
- Adjustable for additional pressure on the dorsum of the hand
- Cost-effective solution for oedema management
- The hand wrap can be used in conjunction with mediven harmony or mediven esprit gloves if finger swelling is present.



Sizing chart



Circumferences in cm	XS	S	M	L	XL
eB Palm	14–17	17–20	20–23	23–26	26–29

NICE Medtech Innovation Briefing supports the use of juxtacures for treating venous leg ulcers.

A recently published NICE Medtech Innovation Briefing (MIB25, March 2015) highlights juxtacures as an effective method of compressing venous leg ulcers with considerable cost and time savings compared to conventional bandaging techniques.

The **juxtacures is simple to apply and adjust** and the pressure applied can be easily checked by a clinician, carer or health care professional.

Effective compression with juxtacures leads to **reduced exudate** and therefore **less reliance on absorbent dressings**. The NICE MIB (Medtech Innovation Briefing) also highlights the **reduction in clinician's time** that can be realised when juxtacures is used, both through a reduced number of visits per week and a reduced duration

of visit due to the ease of removal and re-application. The document features a recent case study (Bianchi et al. 2013) which reported **cost savings with the juxtacures compared with conventional bandaging** over a 6 month period. It illustrated cost savings in these three areas:

- dressings: average saving of £753 per patient
- bandages: average saving of £881 per patient
- Clinician time: average saving of £3,172 per patient.

The total average saving was £4,806 per patient.

Copies of the NICE Medtech briefing are available to download at www.mediuk.co.uk/juxtacures or hardcopies are available on request from medi UK email admin.team@mediuk.co.uk

juxtacures

juxtacures was awarded the title of 'Most Innovative Product in Wound Care' from the World Union of Wound Healing Societies (international umbrella association of the national wound care societies).

The adjustable compression device, juxtacures, convinced the judges that it is the most innovative product in Wound Care.

Benefits found by clinicians around the UK are cost and time saving and happy patients with better quality of life. For further information on various publications contact admin.team@mediuk.co.uk



juxtacures®

Venous Ulcer Compression System – the simple and effective alternative to bandages

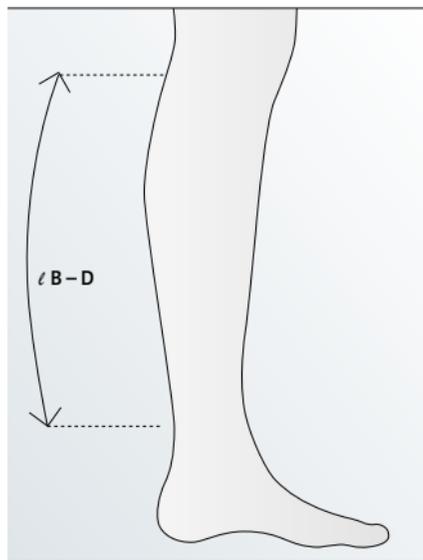


juxtacures®

- BPS to set and control the correct pressure
- Three lengths covers all patient sizes
- Easy preparation of garment
- Ability to reduce the circumference of the juxtacures as the limb reduces in size-ensuring a perfect fit at all times
- Six month lifespan



Sizing chart



Circumferences in cm

Adjustable garments to cut according to individual circumferences.

Actual garment length in cm	Short	Standard	Long
ℓ B-D	28	33	38

All garments contain the unique Built-In-Pressure system (BPS).

Note

The pack also contains the BPS card, two undersleeves and two compression anklets.

juxtalite® lower leg

Instantly adjustable inelastic compression device for venous disease in patients who cannot tolerate or apply compression garments



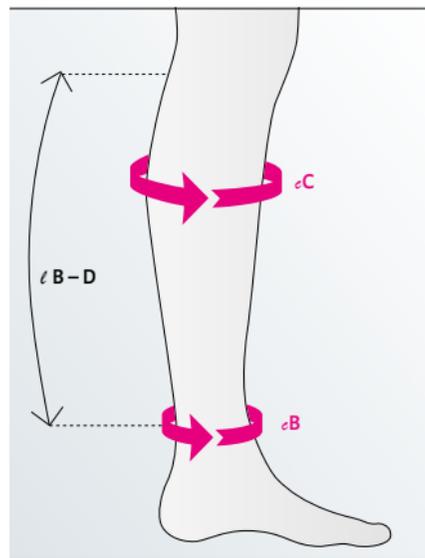
juxtalite® lower leg

- BPS to set and control the correct pressure
- Instantly adjustable, measurable compression
- Available in 8 standard sizes and 2 lengths
- Six month lifespan
- XW calf variants available

Note

Comes with an undersleeve and two compression anklets.

Sizing chart for juxtalite



Circumferences in cm	S	M	M - X	L
cC	26 - 36	33 - 44	44 - 54	41 - 51
cB	19 - 22	22 - 27	22 - 27	25 - 32
	L - X	XL	XL - X	XXL
cC	51 - 61	37 - 48	48 - 61	53 - 64
cB	25 - 32	30 - 37	30 - 37	35 - 42
Actual garment length in cm	Short	Long		
ℓ B - D	28	33		

All garments contain the unique Built-In-Pressure system (BPS).

Foot options



Compression anklet

- Provides compression to the foot and ankle
- Can be worn in combination with another foot option
- Available in standard and large
- One pair of anklets included in juxtacures and juxtalite pack



Power added compression band (pac band)

- Power added compression band targets the arch of the foot as well as the ankle bones
- Can be trimmed to fit almost every foot shape
- Lightweight and breathable material
- Effectively targets area around malleolus

Sizing chart for compression anklet and pac band



Circumferences in cm	Standard	Large
eB	19–27	25–50
eH	19–36	22–41

Note

Circumference eB is around the ankle and eH around the arch.

Foot options



juxtafit®

interlocking ankle foot wrap (afw)

- Provides ankle and foot coverage
- Interlocking heel band allows foot length adjustment
- Heel band offers targeted compression to the heel and ankle



juxtafit®

closed heel ankle foot wrap (afw)

- Provides ankle and foot coverage
- Closed heel makes it perfect for wheelchair users

Sizing chart for juxtafit ankle foot wraps

juxtafit ankle foot wrap available in 3 sizes and 2 styles (in cm)			
Sizes	Small	Medium	Large
eH Arch circumference	19 – 24	24 – 29	29 – 34
eB Ankle circumference around malleoli	<36	<36	<41

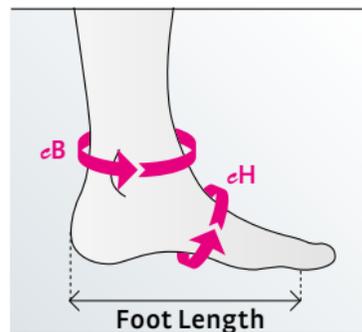
ankle foot wrap – **Closed heel**, foot length from base of toes > 16 cm

Interlocking ankle foot wrap – **Open heel**, foot length from base of toes 13 – 25 cm



single band ankle foot wrap (afw)

- Provides compression to the foot and ankle
- Suitable for most foot sizes and shapes
- Ideal for individual bandaging of the foot
- Available in juxtafit lower legging pack
- Length: 203 cm



juxtafit ankle foot wrap

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