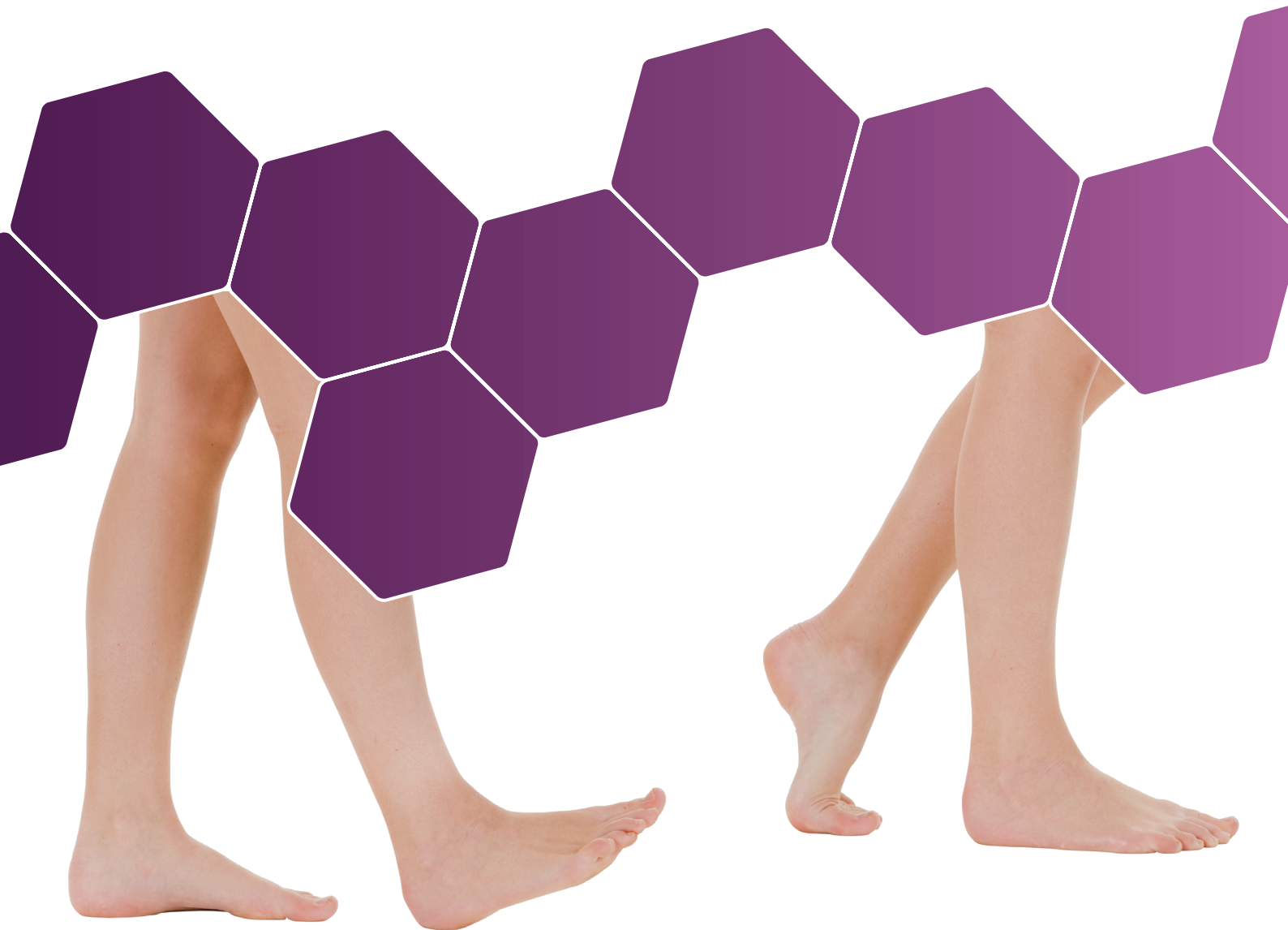




PAEDIATRIC RANGE

SPRING 2018



PAEDIATRIC DEVICES

All of our Paediatric devices contain stabilising options such as deep heel cups and high medial & lateral borders. They are available in children's sizes from child's 3 (EU19).

Some of our adult ranges are also available in children's sizes, from child's size 12 upwards.



FEET IN MOTION - NEUTRAL, 3° & 5°

PAIR

HIGH DENSITY EVA STABILITY DEVICE

CHILD 3 - ADULT 2 (EU 19-34)

The Feet in Motion is our most popular paediatric stability device. Available with neutral, 3° and 5° medial rearfoot posting.

Features

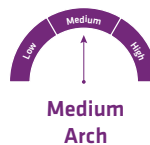
- ¾ length
- High density EVA shell
- No cover for easy cleaning
- Deep heel cup
- High medial and lateral borders
- Left and right individually coloured

Recommended for

- Instability & low tone
- Hypermobility
- Mild to moderate pronation issues
- Children's school and sports footwear

Options

- Neutral
- 3° rearfoot posting
- 5° rearfoot posting



PEDIPOD

PAIR

MEDIUM DENSITY EVA STABILITY DEVICE

CHILD 6 - ADULT 4.5 (EU 23-37)

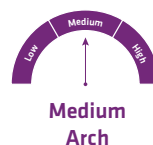
The Pedipod is a low cost paediatric stability device. A deep heel cup and high medial and lateral borders help to control hypermobility.

Features

- Full length
- Medium density EVA shell
- Soft touch cover
- Deep heel cup
- High medial and lateral borders
- Low metatarsal dome

Recommended for

- Instability & low tone
- Hypermobility
- Mild to moderate pronation issues
- Children's school and sports footwear



FIRSTSTEP

PAIR

HIGH TONE STABILITY DEVICE

CHILD 5.5 - ADULT 7.5 (EU 22-41)

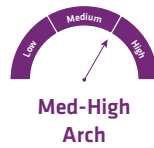
The Firststep is a rigid paediatric stability device which offers high levels of control for high tone.

Features

- Sulcus length
- Rigid shell with 2 mm cushioning
- Suedette cover
- Deep heel cup
- High medial and lateral borders
- Heat mouldable

Recommended for

- High tone & instability
- Moderate to severe pronation issues
- Children's school and sports footwear



BURATTO

PAIR

HEAT MOULDABLE STABILITY DEVICE

CHILD 5 - ADULT 3.5 (EU 22-36)

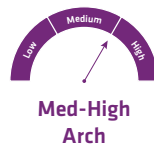
The Buratto can be heat moulded for closer fitting around narrow heels. Also available in adult sizes.

Features

- Full length
- Semi-rigid shell
- 2 mm EVA cushioning cover
- Deep heel cup
- High medial and lateral borders
- Curved base
- Heat mouldable

Recommended for

- Instability & low tone
- Hypermobility
- Narrow heels
- Mild to moderate pronation issues
- Children's school and sports footwear



4KIDS

PAIR

ARCH CONTACT DEVICE

CHILD 8 - ADULT 2.5 (EU 25-34)

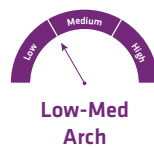
The 4Kids is a soft EVA contact device which cradles the arch, provides shock attenuation and a low level of support.

Features

- ¾ length
- Low density EVA shell
- Soft touch cover
- Deep heel cup
- High medial borders

Recommended for

- Mild instability
- Mild pronation issues
- Children's school and sports footwear



ORLIMAN PAEDIATRIC STATIC SHORT AFO

90° PLANTAR FLEXION CONTROL AFO

The Orliman Paediatric Static AFO is designed to restrict ankle plantarflexion & dorsiflexion, by holding the ankle at 90°. Useful for children with high and low tone issues, ankle instability, toe walking and preventing the foot from dragging on the ground during the swing phase of gait.

Features

- Low-profile thermoplastic rigid exterior shell
- Soft flexible polyethylene interior shell
- 3 adjustable straps
- Soft EVA pads for the midfoot and forefoot
- Lightweight
- Trimmable foot plate

Recommended for

- Restriction of ankle plantarflexion and dorsiflexion
- Low & high tone issues
- Neurological deficiencies
- Stabilisation of the foot and ankle
- Toe walking
- Balance & co-ordination issues

SINGLE - LEFT OR RIGHT



Size	Foot (cm)
Size 1	12.4
Size 2	13.2
Size 3	14
Size 4	15
Size 5	16
Size 6	17.5
Size 7	19
Size 8	21

ORLIMAN PAEDIATRIC HINGED DYNAMIC AFO

AFO FOR CONTROLLED DORSIFLEXION

Similar to the Paediatric Static AFO, but this orthosis features a hinge at the posterior shell. The hinge can be left open to facilitate dynamic dorsiflexion, whilst restricting ankle plantarflexion to 90°. The hinge can also be fixed to control dorsiflexion. Useful for children with high and low tone issues, ankle instability and preventing the foot from dragging on the ground during the swing phase of gait.

Features

- Low-profile thermoplastic rigid exterior shell
- Soft flexible polyethylene interior shell
- 3 adjustable straps
- Fixable hinge to allow controlled dorsiflexion
- Hex key included for fixing hinge in place
- Soft EVA pads for the midfoot and forefoot
- Trimmable foot plate

Recommended for

- Facilitates controlled ankle dorsiflexion
- Restriction of ankle plantarflexion
- Low & high tone issues
- Neurological deficiencies
- Stabilisation of the foot and ankle
- Post-op rehabilitation
- Balance & co-ordination issues

SINGLE - LEFT OR RIGHT



Size	Foot (cm)
Size 1	12.4
Size 2	13.2
Size 3	14
Size 4	15
Size 5	16
Size 6	17.5
Size 7	19
Size 8	21

ORLIMAN PAEDIATRIC SUPRAMALLEOLAR DYNAMIC AFO

STABILITY ORTHOSIS FOR HYPER-PRONATION

SINGLE - LEFT OR RIGHT

This AFO is a low-cut foot & ankle stability device which allows normal ankle plantar flexion and dorsiflexion, but prohibits pronation & supination. The extension covering the malleoli provides enhanced stability to a foot orthosis, and the low profile design is still easily accommodated in footwear, compared with a traditional AFO.

Features

- Low-profile thermoplastic rigid exterior shell
- Soft flexible polyethylene interior shell
- 3 adjustable straps
- Fixable hinge to allow controlled dorsiflexion
- Soft EVA pads for the midfoot and forefoot
- Trimmable foot plate

Recommended for

- Restricts excessive rearfoot pronation & supination
- Facilitates normal ankle plantarflexion & dorsiflexion
- Low tone & hypermobility issues
- Balance & co-ordination issues



Size	Foot (cm)
Size 1	12.4
Size 2	13.2
Size 3	14
Size 4	15
Size 5	16
Size 6	17.5
Size 7	19
Size 8	21

ORLIMAN BOXIA DROP FOOT AFO

SINGLE - UNIVERSAL

SOFT ANKLE DORSIFLEXION SPLINT FOR FOOT DROP

The Boxia Drop Foot AFO is designed to assist the lower limb in achieving adequate ankle dorsiflexion for normal heel-to-toe gait. It helps to raise the forefoot during gait, reducing the risk of tripping and falling.

Features

- Two separate components - cuff situated above the ankle and a non-slip hook section which fits between the laces / Velcro straps of footwear
- Adjustable range of ankle dorsiflexion, inversion and eversion
- Perforated material for ventilation
- Gel padded sections for enhanced comfort
- Soft comfortable lining
- Universal left/right fitting
- Hand washable

Recommended for

- Foot drop
- Lower limb paralysis
- Assists normal gait ambulation
- Suitable for use with most footwear types



Available in Black and Beige

Age	Ankle Circumference (cm)
Paed/XSmall	13 - 17
Small	17 - 21
Medium	21 - 25
Large	25 - 29

ORLIMAN PAEDIATRIC ANKLE SUPPORT

STABILISING ANKLE BRACE

SINGLE - UNIVERSAL

The Orliman Paediatric Ankle Support is an elasticated figure-of-eight brace used for the treatment of acute and chronic ankle injuries.

Features

- elastic and breathable honeycomb fabric interior
- velour exterior lining
- 2 adjustable Velcro fastening straps additional figure of 8 Velcro fastening strap
- hand washable

Recommended for

- treatment of acute and chronic ankle injuries
- compression, protection and stabilisation of the ankle joint
- ankle injury prevention



Age	Ankle Circumference (cm)
2 - 6	20
6 - 12	24

PUSH™ ORTHO AEQUI JUNIOR BRACE

SINGLE - UNIVERSAL

PAEDIATRIC STABILISING ANKLE BRACE

The Push™ Ortho Aequi Junior ankle brace offers ankle stability to children aged 6 to 12. Similar to the adult brace the Aequi junior offers an easy to fit, comfortable and lightweight stabilising option for children.

Features

- Non-elastic diagonal support straps
- Elastic compression straps
- Velcro™ fasteners
- Slimline design

Recommended for

- Severe or chronic ankle instability
- Acute ankle injuries
- Injury prevention



Size	Ankle Circumference (cm)
One Size	23 - 27

Child 11 – Adult 4 (EU 30-37)

ORLIMAN PAEDIATRIC HAV NIGHT SPLINT

TOE ALIGNMENT SPLINT

SINGLE - LEFT OR RIGHT

The Orliman Paediatric HAV Night Splint is a toe alignment splint used to immobilise and protect the 1st MPJ. This splint features a breathable honeycomb fabric lining, a soft Hallux pad and three fastening straps, providing a secure and comfortable fit.

Features

- breathable honeycomb fabric lining
- malleable aluminium abductor splint
- 3 Velcro fastening straps
- soft pad for Hallux protection

Recommended for

- 1st MPJ immobilisation
- Hallux Abducto Valgus correction
- post-surgical stabilisation and protection



Size	Age
Size 1	2 - 6
Size 2	6 - 12

ORLIMAN PAEDIATRIC NIGHT SPLINT

RIGID PLASTIC NIGHT SPLINT

The Orliman Paediatric Night Splint is a night/resting orthosis which can apply a graduated stretch to the TA, plantar fascia and calf. It provides protection and stabilisation of the foot and ankle.

Features

- adjustment of ankle angle
- 3 cushioned straps to secure to leg
- 2 side straps for increased dorsiflexion stretch
- non-slip foot plate for limited indoor ambulation
- universal left/right fitting
- soft padded shell and foot plate

Recommended for

- night/resting ankle foot orthosis which can apply a graduated stretch to the TA, plantar fascia & calf
- protection and stabilisation of the foot and ankle
- adjustable level of ankle flexion

SINGLE - UNIVERSAL



Size	Length	Width
Size 1	17 cm	22 cm
Size 2	19 cm	26.5 cm

DARCO SLIMLINE PAEDIATRIC

SINGLE - UNIVERSAL LEFT/RIGHT FIT

The DARCO Slimline Paediatric boot is designed to be worn over a fibreglass or zinc cast, providing protection against dirt and external elements. Its fully adjustable strap closure system facilitates wearing with bulky bandages or a cast. An EVA base insole can be removed to create even more space. The upper material is water resistant and hand washable. Available in blue and pink.

Features

- Universal left/right fitting
- Rocker sole design
- Child specific design
- Adjustable fastening straps

Recommended For

- Wearing over a cast boot
- Moderate offloading
- Post-operative use



Size	UK (Child)	EU
Small	< 4	21
Medium	5 - 8	22 - 26
Large	9 - 13	27 - 32

DARCO CAST BOOT PAEDIATRIC

SINGLE - UNIVERSAL LEFT/RIGHT FIT

The DARCO Cast Boot Paediatric is designed to be worn over a fibreglass or zinc cast, providing protection against dirt and external elements. This helps to prolong the lifespan of the cast by limiting wear and tear. Its rocker sole design assists a normal heel-toe gait pattern.

Features

- Universal left/right fitting
- Rocker sole design
- Child specific design
- Adjustable fastening straps

Recommended For

- Wearing over a cast boot
- Moderate offloading
- Post-operative use



Size	UK (Child)	EU
X-Small	< 3	20
Small	4 - 5	21 - 22

About Us:

PPL Biomechanics is Ireland's leading manufacturer and supplier of custom made & stock orthotic devices, orthopaedic footwear and offloading products. We exclusively deal with medical practitioners and are the leading provider of post-graduate biomechanics courses in Ireland. We have more than twenty years of experience supplying devices to practitioners working in a wide range of fields including sports medicine, orthopaedics, offloading & wound care, paediatrics, MSK, rheumatology, special needs and neurological deficits.

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