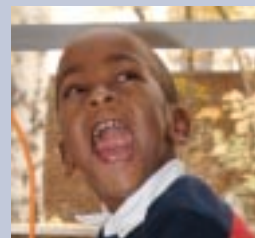




S.W.A.S.H.[®]

For their future...

Sitting Walking And Standing Hip orthosis





... and a better every day

S.W.A.S.H.®

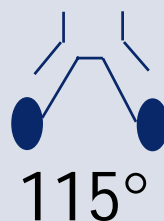
- is a hip stabilization and sitting orthosis
- can offer significant benefits for the non-ambulatory child
- can work for neuromuscular disorders other than just CP
- can work for children with severe involvement as well as mild



original

- Plastic pelvic section extends from L2/L3 to the coccyx, providing maximum torso support for candidates with flaccidity or very limited trunk control
- Single strap fixed front closure to secure torso support
- 6 mm (size1) and 7 mm (sizes 2-4) diameter uprights
- increased posterior and side support
- proven results in several different independent studies
- "Childproof" thigh cuff closure

Less abduction



Reduced abduction better accommodates wheelchairs with narrow seat structures and is better tolerated by children with tight adductor muscles. With a more upright posture and increased sitting stability, often the hands will now be free for activities instead of balance.

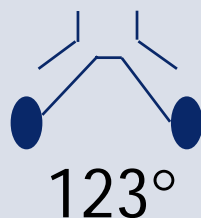


- can work on infants and older kids
- does not interfere with kids ability to play
- does not interfere with most walkers, wheelchairs, or even standing frames




More abduction

Increased abduction offers maximum opportunity for muscle lengthening in the sitting position, and is also recommended when there is need to influence the trunk toward more spinal extension. With a more upright posture and increased sitting stability, often the hands will now be free for activities instead of balance.



low profile

- Malleable spring steel "iliac roll" that rests over the pelvis and is secured in position by attaching to a small plastic reinforced abdominal pad
- Double strap front closure allows symmetrical application
- 8 mm diameter uprights in all sizes - extra strong for extra high tone
- Interchangeable thigh cuff sizes
- Simplified thigh cuff closure for easy application and removal
- Contoured posterior joints reduce interference with posterior walkers and other standing/walking/sitting aids



original

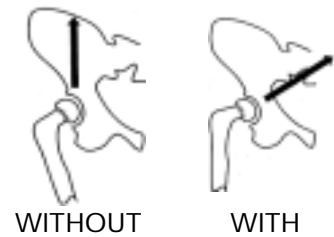
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What makes SWASH unique to other hip orthoses is that it offers controlled variable abduction. Although it looks like a simple device, it is engineered with a complex series of angles to maintain good hip alignment as the uprights follow the pathways of motion of the femurs. While standing or walking, SWASH provides just enough abduction to prevent scissoring and medial femoral rotation. As the hips are flexed to assume the sitting position, it automatically further abducts the hips to create a tripod base for enhanced sitting stability and more upright posture.



The most visible benefits of the SWASH are readily apparent by improvements in sitting and standing posture and stability, and for the ambulatory user, improvement in gait. However, perhaps the most important benefit the SWASH offers is the improvement in hip alignment.

Size table S.W.A.S.H® Original and S.W.A.S.H® Low Profile

Product	Description	Sizes
28610-1	Original 115° leg bars	1, 2, 3, 4
28610-2	Original 123° leg bars	1, 2, 3, 4
28621	Low Profile 115° leg bars	1, 2, 3, 4
28622	Low Profile 123° leg bars	1, 2, 3, 4

Size	Waist Circumference	Thigh Circumference	Upright Length
1	15 3/4 - 18 1/4"	9 3/4 - 12 3/4"	12"
	400 - 465 mm	250 - 325 mm	310 mm
2	18 - 21 1/2"	11 1/2 - 14 3/4"	14 1/2"
	460 - 550 mm	290 - 375 mm	375 mm
3	21 1/4 - 24 3/4"	13 - 16 3/4"	17"
	549 - 630 mm	330 - 425 mm	440 mm
4	24 1/2 - 28 1/4"	14 1/2 - 19 1/4"	19"
	620 - 720 mm	370 - 490 mm	480 mm

SWASH Reference list

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SWASH is jointly owned by CAMP Scandinavia AB in Sweden and Prim S.A in Spain. For a more detailed technical information see www.campscandinavia.se under SWASH.

SWASH is a patented product.



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