

## READY *STEADY* GO!

A fresh new look for the  
world's only  
VARIABLE abduction hip  
alignment orthosis!

steady  
**SWASH**<sup>®</sup>



Ego  
**SWASH**<sup>®</sup>

SWASH<sup>®</sup> - **S**itting • **W**alking • **A**nd • **S**tanding • **H**ip orthosis  
Only FUNCTIONAL Hip Orthosis that does not block ROM

## 2 MODELS to meet specific needs of your patients!



**SWASH® STEADY** (Replaces previous SWASH® Classic)  
Has a polyethylene pelvic section that extends from L2/L3 to distal margin of the sacrum, providing maximum thoracic and pelvic support. Patients with low trunk tone and/or very limited trunk control strength may benefit from the increased posterior and lateral support this design offers.

### GUIDELINES FOR SELECTION:

- When maximum trunk control is required, i.e., candidates who lack muscle strength or upper body control to sit upright.
- When patient is primarily non-ambulatory (GMFCS IV - V)
- When the greater pelvic coverage triggers more desirable neuro-sensory motor response.

**SWASH® GO** (Replaces previous SWASH® Low Profile)  
Has an aluminum posterior frame that extends from approximately L2/L3 to S1/S2, with an iliac extension.

### GUIDELINES FOR SELECTION:

- When primary goal is to control scissoring gait.
- When patient has limited space between the iliac crest and the rib cage.



## NEW FEATURES & BENEFITS

**Improved Patient Compliance**  
Soft attractive and durable fabric covers for pelvic section and thigh cuffs.

**Easier and Faster Donning & Doffing**  
Low profile quick-release buckles



**Manage heavy adductor tone**  
Heavy duty 8 mm uprights on both models

**Reduced Inventory**  
Uprights & Cuffs are interchangeable for all sizes SWASH® STEADY & GO\*.

**Less Interference with Posterior Walkers**  
Both models have angled low profile hip joints\*

**Symmetrical Pelvic Section Closure**  
Both models have abdominal pads with cinch closure for easy symmetrical application.



\*Except STEADY Size 1, which has 6 mm uprights and thigh cuff retaining rings.

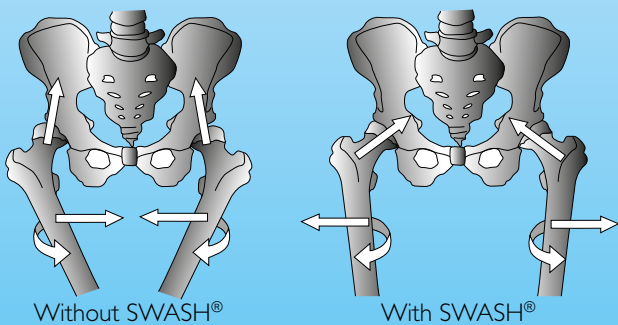
# INCREASE YOUR REFERRALS FOR SWASH®

(which often also results in increased referrals for AFOs)

Share with your therapist...

## Functional benefits of SWASH®

- Dynamic Function - no blocked function.
- Transfers adductor tone from its negative muscle recruitment affects to directing the muscles to achieve more positive postural positioning.
- Proper alignment encourages tri-planar function for proper closed chain muscle function.
- Controls amount of adduction for improved sitting, standing, and if ambulatory, walking functions.
- Encourages greater trunk extension for improved postural positioning.



## Rehab Program Benefits

(often serves as "extra hands" for the therapists)

### Posture Assistant

High adductor tone affects posture of the entire body, often resulting in slouched posture. SWASH® moves the center of gravity from posterior to mid-trunk alignment. For the right candidates, this in significant improvement in cervical and thoracic posture.

### Training Assistant

Often used in a clinic setting to train patients to sit, stand, and walk with good body mechanics. Improved thoracic and head position often "opens the airways" to assist with speech training.

### Exercise Assistant

For Pediatrics: The orthosis serves as "extra hands that grasp the hips" to assist with the rehabilitation program, i.e., sit-to-stand exercises and if ambulatory, lower extremity strengthening exercises. For Adults: Variable abduction allows more natural anatomical adduction "bicycle" pattern movements without need for cumbersome wedge pillows.

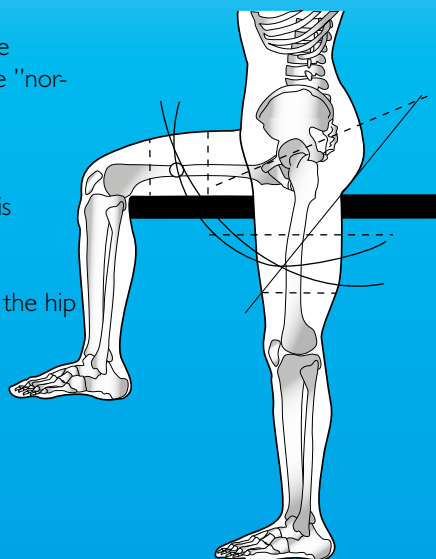
### Gait Assistant

If ambulatory, the orthosis provides just enough abduction to prevent scissoring and medial femoral rotation so they can walk further and longer distances without their feet tangling.

## HOW SWASH HELPS ACHIEVE AND MAINTAIN PROPER HIP ALIGNMENT

The pathways of motion of the SWASH® thigh cuffs mimic the "normal" pathways of motion of the femurs.

This is designed into the orthosis through combinations of the angle of the pelvic band in the sagittal plane, and the angle of the hip joint assemblies in the transverse plane.



Exerts an external rotary influence on the lower limbs, influencing the knees toward extension and the trunk becomes more erect.

As SWASH® reaches its limit for adduction, it transfers adductor force proximally to assist anterior rotation of the pelvis to help achieve a more erect postural position.



# S.W.A.S.H.<sup>®</sup> STEADY & GO SIZING GUIDE

## PELVIC SECTION

Measure:

SWASH<sup>®</sup> STEADY - At level of the natural waist for maximum trunk stability.

SWASH<sup>®</sup> GO - At the level of the ASIS. Ideal is to fit the orthosis at mid-pelvic girdle to obtain good pelvic stability.

Size	Sizes Available		Circumference	
	STEADY	GO	Adjustment Range	
1	✓	✓	400-465mm	15 ¾-18 ¼in
2	✓	✓	460-550mm	18-21 ¾in
3	✓	✓	540-630mm	21 ¼-24 ¾in
4	✓	✓	620-720mm	24 ½-28 ¼in
5	N/A	✓	710-810mm	28-32in
6	N/A	✓	800-900mm	31 ½-35 ½in

## THIGH CUFFS

Measure at distal thigh, just proximal to the condyles. Ideal is to fit the cuffs as distal as possible without creating pressure or interference in the popliteal area. However, pressure on the thorax, excessive spinal flexion, or discomfort due to hamstring tightness, may be relieved by moving the cuffs up 1 - 3 inches.

Size	Sizes Available		Circumference	
	STEADY	GO	Adjustment Range	
1	✓	✓	210-250mm	8 ¼-9 ¾in
2	✓	✓	250-290mm	9 ¾-11 ½in
3	✓	✓	290-330mm	11 ½-13in
4	✓	✓	330-380mm	13-15in
5	✓	✓	380-440mm	15-17 ¼in
6	✓	✓	440-500mm	17 ¼-19 ½in

## UPRIGHTS

Measure waist to mid-patella. At final fitting, should be shortened to level of distal thigh cuff padding.

115° = narrow sitting base

123° = wide sitting base

Size	Upright Diameter		Waist to Mid-Patella	
	STEADY	GO		
1	6mm	8mm	310mm	12 ¼in
2	8mm	8mm	375mm	14 ¾in
3	8mm	8mm	440mm	17 ¼in
4	8mm	8mm	480mm	19in
5	8mm	8mm	540mm	21 ¼in
6	8mm	8mm	600mm	23 ½in

Size	Model	PELVIC STEADY	PELVIC GO	THIGH CUFFS		UPRIGHTS 123 Deg.
1	STEADY	288520001		288540601	288550601	288560601
1	GO		288530001	288540801	288550801	288560801
2	STEADY & GO	288520002	288530002	288540802	288550802	288560802
3	STEADY & GO	288520003	288530003	288540803	288550803	288560803
4	STEADY & GO	288520004	288530004	288540804	288550804	288560804
5	STEADY & GO	N/A	288530005	288540805	288550805	288560805
6	STEADY & GO	N/A	288530006	288540806	288550806	288560806

NOTE: Color Coding indicates interchangeable components.

Warranty: 1 Year if Uprights are NOT trimmed. Pads = 6 month warranty.