

ORTHOTIC SOLUTIONS FOR MANAGEMENT OF FOOTDROP & ANKLE INSTABILITY

## Over a decade of Developing

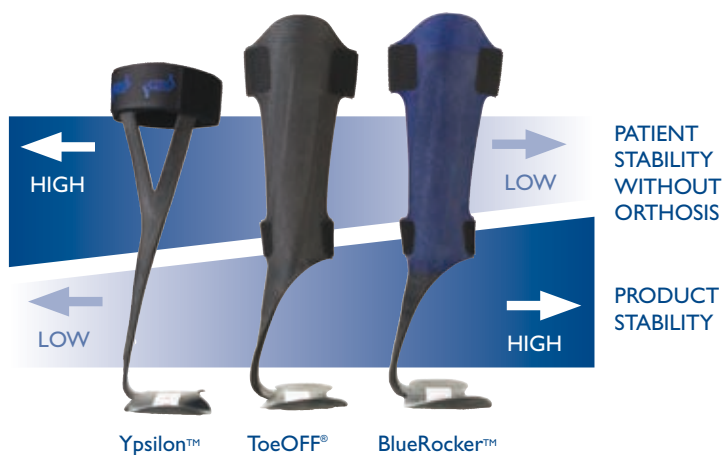


# ToeOFF<sup>®</sup>-Family

ToeOFF-Family is a unique group of products developed to assist different levels of dorsi-flexion weakness. Product development and manufacturing takes place in Sweden. ToeOFF has been considered a quantum leap in AFO technology since it was launched in 1997.

The product's dynamic function, the open heel design in combination with the anterior support, makes the ToeOFF-Family of products very unique compared to any other prefabricated AFO's on the market.

The softness at heel contact, the stability in stance and the dynamic "toe-off" offers the patient increased function and a more natural gait pattern.



The ToeOFF-Family consists of three different models that all have different dynamic properties, not only between each other, but also within each product's different sizes.

More information about fitting and customization can be found in the ToeOFF Clinical Manual.

## Ypsilon™ For less involved cases of footdrop



Ypsilon was designed for the stable ankle to provide dynamic toe-off assist, whilst allowing natural ankle movements.

- Allows more medial, lateral and rotational ankle movement to provide opportunity for functional, or potentially functional, muscles, tendons, and ligaments to function and strengthen.

Ypsilon is recommended for patients with

- Weak dorsi-flexors
- Peroneal nerve injury
- No or mild spasticity
- Stable ankle
- Sensory Nerve Injury

## ToeOFF® *For moderate involved cases of footdrop*

ToeOFF is the original dynamic response floor reaction ankle foot orthosis and is now recognized as a quantum leap in AFO technology.

- Each patient can be fitted with a customized dynamic response appropriate to their level of involvement, activity level, body weight and proximal deficits.
- Walking can become more stable, fluid, propulsive and symmetrical.
- As the appearance of a limp decreases, energy expenditures decrease and distance capacity increases.

ToeOFF is recommended for patients with:

- Footdrop with moderate involvement - mild to severe foot drop accompanied with mild to moderate ankle instability
- Impaired knee control
- Limb proprioception deficit
- Mild to moderate spasticity
- Partial foot amputations



### ToeOFF Fantasy

FANTASY offers glossy color to the otherwise natural flat black carbon composite and allows clothing (trousers) to glide freely over the product.

Offered in Ivory, Purple, Midnight Blue, and Black

### ToeOFF Short

ToeOFF Short is specially developed to accommodate individuals with shorter stature and wider foot at the metatarsal area.

BlueRocker™

## For more involved cases of footdrop



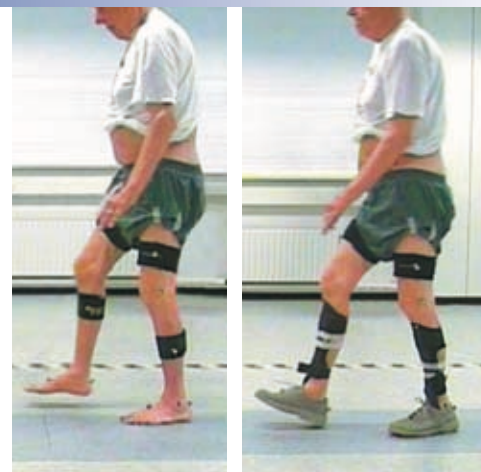
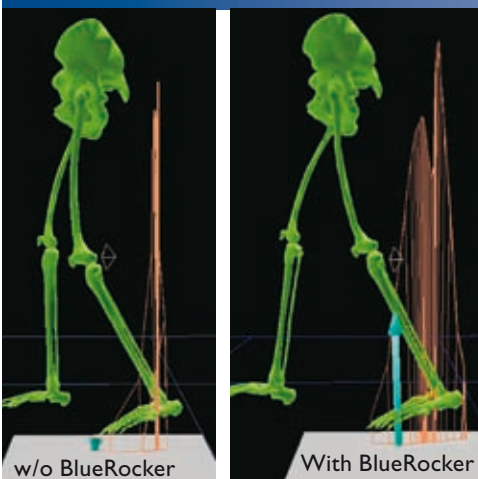
BlueRocker is identical in shape and design as ToeOFF but offering more orthotic control.

- Developed primarily for bilateral patients and those with more involved pathology.
- The extra stability will improve both balance and posture and give the wearer greater security, especially individuals with weak quadriceps muscles.
- Usually the preferred orthosis to be used in conjunction with a prosthetic socket and toe filler for management of partial foot amputations.

BlueRocker is recommended for patients with

- Footdrop with multiple involvement - severe ankle instability, and/or proximal neuromuscular weakness/deficits.
- Limb proprioception deficit
- Severe spasticity
- Partial foot amputations
- Reduced knee and hip control
- Weakness or impairment in multiple leg muscle groups

## Gaitanalysis with and without BlueRocker



Without his BlueRocker the patient walks on the whole foot, with no heel contact or toe-off. With the BlueRocker you can clearly see a larger spread of the ground reaction forces. The patient has an increased heel-to-toe gait, improved balance and a more secure gait.

	Left w/o BR	Right w/o BR	Normal	Left with BR	Right with BR
Gaitspeed (m/s)	0.54	0.58	1.43	0.86	0.88
Step frequency (step/min)	84.1	85.5	91.6	98.8	99.0
Cycle length (m)	0.75	0.79	1.44	1.04	1.06
Step length (m)	0.36	0.40	0.72	0.52	0.52
Support of other leg*	66.4	64.8	60.1	65.9	65.8
Single support*	34.6	35.0	39.6	34.2	34.6

(\*=% of gait cycle)

## Assessment Orthosis

**NOT FOR RESALE**

Ypsilon, ToeOFF and BlueRocker are also available as a special Assessment Orthosis, labeled with "Not-for-Resale". It is only to be used as an initial assessment tool to assess function improvement, patient acceptance, and what modifications will be required to optimize gait. If the patient feels any discomfort or pain, the trial should be stopped immediately. Due to the orthosis influencing the gait pattern, some patients can react to this. We do recommend the first test to be done in parallel bars or with the use of a walker.



## CD-ROM Presentation



### INTERACTIVE PRESENTATION

This ToeOFF Family of Products CD is an interactive presentation that allows you to meet several different users and includes introduction to how the products may be customized for best fit and function. It is excellent for viewing by referral sources as it includes Vicon instrumentation gait analyses and other educational materials.

## softKIT™

Every ToeOFF and BlueRocker should have a soft interface between the orthosis and the tibia crest. For this reason, we offer SoftKIT

- A padding system that includes two narrow neoprene pads to create a pressure-free channel to help relieve any potential discomfort from bony prominences.
- Comes in a package with two full anterior surface pads and one set of MikroFix velcro kit.
- May be applied to either ToeOFF or BlueROCKER.



## comfortKIT™



An inner layer of polyurethane foam molds naturally to the leg, yet offers the “bounce” to return to its original shape when not in use.

Like SoftKIT, comfortKIT is easily adhered to ToeOFF or BlueRocker with MikroFix aggressive velcro kit.

The comfortKIT consists of two interfaces and one set of MikroFix velcro kit.

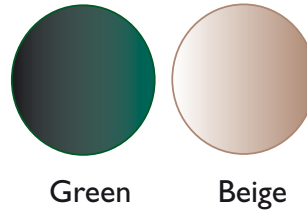
Let's face it. Everyone's leg has a different shape and different skin condition. The new comfortKIT offers a solution for ToeOFF & BlueRocker wearers who, due to the shape of the tibia, skin condition, and/or activity level, will benefit from an interface that offers added cushioning and more intimate contouring to the shape of the leg than the standard SoftKIT.



# softSHELL™



For individuals that prefer a softer look, SoftSHELL combines the padding system of SoftKIT with a plush textile front to form a sleeve that slides over the anterior shell. It includes a matching cover for the lower strut. SoftSHELL is offered in Green, and Beige.



Green

Beige

# CoverSole

CoverSole serves as a soft interface between the wearer's foot and the AFO footplate. Pre-printed trim lines make it easy to shape and size to fit any shoe or any product in the ToeOFF Family of Products. The firm Poron bottom combines with a smooth upper fabric to provide a comfortable interface.

CoverSole is designed to be trimmed to fit the shoe size, not the footplate. Trim lines serve as a guide to fit shoe sizes from Europe 35-47, US 4.5-13, and UK 2-9.5.



Top

Bottom

The top side of the cover sole features soft and comfortable velour material. On the bottom side the sizes are clearly marked with trim lines.

Place the footplate onto the pattern to use as a guide to choose appropriate trim lines. Select trim lines so the finished CoverSole will fill out the inside of the shoe.



# Product size... involves more than foot length

Measurements shown are for the orthosis only. Read your ToeOFF Clinical Manual (PDF available at [www.allardint.com](http://www.allardint.com)) to determine product selection (ToeOFF, Ypsilon, or BlueRocker) AND best size to meet specific patient needs.

Size	TOEOFF, FANTASY, BLUEROCKER		YPSILON		TOEOFF SHORT	
	Height	Footplate Length	Height	Footplate Length	Height	Footplate Length
XS	360mm	210mm	-----	-----	-----	-----
S	380mm	230mm	330mm	230mm	295mm	215mm
M	405mm	245mm	340mm	245mm	320mm	235mm
L	430mm	270mm	350mm	270mm	340mm	255mm
XL	430mm	285mm	-----	-----	-----	-----

ITEM NO.	PRODUCT	SIZES
28375	ToeOFF Standard	XS-S-M-L-XL
28370	ToeOFF With D-ring (velcro not attached)	XS-S-M-L-XL
28360	ToeOFF Fantasy, Black	XS-S-M-L-XL
28361	ToeOFF Fantasy, Midnight Blue	XS-S-M-L-XL
28362	ToeOFF Fantasy, Ivory	XS-S-M-L-XL
28363	ToeOFF Fantasy, Purple	XS-S-M-L-XL
28380	ToeOFF Short	S-M-L
28385	ToeOFF Not-For-Resale	XS-S-M-L-XL
28400	Ypsilon	S-M-L
28401	Ypsilon Not-ForResale	S-M-L

ITEM NO.	PRODUCT	SIZES
28405	BlueRocker	XS-S-M-L-XL
28406	BlueRocker Not-For-Resale	XS-S-M-L-XL
28390	ToeOFF/BlueRocker SoftKIT	XS-S-M-L/XL
28391	ToeOFF Short SoftKIT	S-M-L
28393	ToeOFF/BlueRocker SoftShell, Beige	XS-S-M-L/XL
28394	ToeOFF/BlueRocker SoftShell, Green	XS-S-M-L/XL
28377	Straps for ToeOFF/BlueRocker, Black	XS/S, M/L/XL
28396	MicroFIX kit for SoftKIT, Black	XS-S-M-L/XL
28398	ComfortKIT	XS, S, M, L/XL
28399	CoverSole 5 pair/pkg	One size



For more information about KiddieGAIT contact customer service.



**Patent no.:**

ToeOFF, ToeOFF Short, ToeOFF Fantasy, ToeOFF NFR, BlueRocker, BlueRocker NFR, KiddieGAIT, KiddieGAIT NFR: AU736950, BE1005297, BE1114626, DK1005297, DK1114626, FI1005297, FI1114626, FR1005297, FR1114626, IE1005297, IE1114626, IT1005297, IT1114626, CA2279225, CNZL97181689.1, NL1005297, NL1114626, NO313656, PL194247, CH1005297, CH1114626, ES1005297, ES1114626, GB1005297, GB1114626, SE1005297, SE1114626, DE69709184.8-08 DE69732541.5-08, US5897515, ATE210417, ATE289187  
Ypsilon, Ypsilon NFR: GE60208889.5-08, GB1379201, IT1379201, US6887213