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# Cascade Insider

June 2012

## M.4S

Medi USA introduces the M.4S using advanced materials and manufacturing techniques to create an exceptionally strong and lightweight brace. Patented Physioglide® hinge allows brace to accurately match the motion of the knee. New non-slip+ liner system, lightweight frame, floating buckle system and advanced hinge design minimize migration. Standard and compact models.

## DynaStar

The new DynaStar energy return foot for K2 and K3 amputees features a unique joint system which utilizes a polyurethane link between the keel and the heel strut. The combination of the PU link and the carbon fiber keel improves shock absorption and allows for eversion-inversion, providing a very comfortable heel strike. The rear stop absorbs possible overloads, ensuring safety. Low clearance. Rated to 275 lb. Maximum heel height 20mm.

## Edison™

View vacuum suspension in a new light with Edison™ from Orthocare Innovations. Edison is silent, adaptive and intelligent. The large-bore piston operates at low speeds with high efficiency. The in-line pump is housed in a protective, insulated casing. The vacuum automatically varies to meet the specific needs of daily activities and assures optimal comfort when patient is at rest. Variable vacuum levels may add benefit to patients suffering from residual limb discomfort associated with dysvascular conditions. 18-hour battery and patient input-free control allows for true worry-free performance. Prosthetists can select from one of three standard or customizable vacuum range profiles. On-board memory allows practitioner to verify device and socket performance on return office visits and to assess adjustments made. #ED1001

Edison is marketed under US Patent: 8,007,543 Orthocare Innovations, LLC. Other US and Foreign Patents Pending. US Patents: 7,914,586; 7,947,085; 8,016,892. Under License From Ohio Willow Wood Company

## New Coloring Papers

"Tattoo" #P-1069 (pictured as background here and on back page at 30% density) is one of several new patterns available from Fiddle's Orthopedic.

## 3R49

Model 3R49 is Ottobock's Modular Single Axis Knee Joint with Extension Assist and Protective Sleeve. The swing block is connected to the upper joint section through the swing axis and with the lower section through the knee axis. The knee is designed to utilize the swing axis and brake axis as a load-dependent brake. This, together with the posterior placement, ensures a secure stance phase. The axis friction and the extension assist are adjustable for improved control of swing phase. Rated to 100kg (220 lb). 150° knee flexion. #3R49

## Knit-Rite AK Cosmetic Stockings

Knit-Rite AK Cosmetic Stockings are made of 10% nylon and feature an elasticized silicone gripper cuff. Five thread color-coded sizes in three skin tones. Sold pair. #2Hx9B14x

## Dynamic AFO

The Dynamic AFO from Fillauer features a thermoformable foot plate and height adjustment. PEEK rod is available in straight or dorsi-assist, is easily attached to the orthosis and prevents distal migration of orthosis. Includes anchor plate and two shoulder bolts. Side specific in three sizes. #0238xx



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## Symphony Knee

The 6-Bar Symphony Knee from Nabtesco has a stance-flexion feature that, while allowing a slight amount of flexion, instantly locks to prevent sudden buckling of the knee. It also has a hydraulic system that eases the initiating swing. The knee joint seamlessly orchestrates then harmonizes stability of the stance phase and smoothness of the swing phase. Rated to 125kg (276 lb). Maximum flexion: 170°. Available with pyramid or threaded head, with or without lock. #8000-27006xx-xx

## New Coloring Papers

"Wonderland" #P-1086 (pictured as background here at 30% density, and solid in upper left corner) is one of several new patterns available from Friddle's Orthopedic.

## i-limb™ ultra

The new i-limb™ ultra is the latest generation of the i-limb™, the world's first powered prosthetic hand with five articulating fingers. Touch Bionics' new i-limb™ ultra gives the user an adjustable grip that can be up to 25% stronger than the original i-limb™. i-limb™ ultra is the only prosthetic hand with the ability to gradually increase the strength of its grip on an object.

## Philadelphia® Adjustable Collar

Constructed from the same high-quality materials as the original Philadelphia® Tracheotomy Collar that has been an industry standard for decades, the Philadelphia Adjustable combines convenient adjustability with immobilization and comfort. Anterior height adjustability accommodates neck height from 2¼ to 4¼ inches. Tear-off tabs accommodate neck circumference from 10 to 19 inches. Fit 95% of patients with a single SKU. #PHP-AA

## A-Flex Protective Headgear

Orthomerica introduces the A-Flex Protective Headgear, an adjustable alternative to other hard protective devices. The A-Flex Protective Headgear is fabricated from a flexible plastic that readily conforms to varying head shapes making it easy-to-fit upon demand. The protection is ideal for low impact forces that are distributed (like a shock absorber) across the entire surface without cracking or penetrating. The headgear is equipped with easy-to-adjust straps minimizing the need for chin straps. Optional chin straps are recommended for active and non-compliant patients. The posterior strap "locks" the device below the mastoids and accommodates size variations while the lateral straps are used for easy donning and doffing. Lateral straps and side-slits are also optional. The A-Flex features ventilation holes to reduce trapped heat. It can be easily trimmed with a pair of shop snips without the need for complex equipment and tools. It can be stocked in various sizes. Pediatric and adult sizes in blue and pink. #783

## Cybertech Protégé LSO

The all new Protégé LSO from Cybertech Medical is a multifaceted modular spinal support that takes you from pre-op, initial post-op to a rehab progression stepdown system. It allows for progressive rehab adaptability with removable/replaceable lateral, posterior and anterior panels for a complete total progressive rehabilitation support system. #PLSO-NB-x

## Seattle Energy

The new Seattle Energy foot from Trulife features a dynamic toe and cushioned heel response, full length, split composite keel for increased stability and removable, life-like, sandal-toe foot shell. Pre-assembled with male pyramid for easy installation. Rated to 300 lb (136kg). Available in three cosmetic skintones in sizes 22-30cm. #SEF19x