

New products of 2018

Bauerfeind AG

Cushioning diabetes inserts, therapeutic compression and slender braces



Bauerfeind (Zeulenroda-Triebes, Germany) will be coming to OTWorld with a whole array of new products. The new Ergopad Soft Diabetes Insert offers long-lasting protection for sensitive feet. It ensures an indication-driven cushioning of the foot for diabetes sufferers in risk classes 0 to II. The multi-layered, long-soled soft-cushioned construction, with various grades of firmness, guarantees a cushioning effect tailored to the individual. Thanks to its excellent ability to remould and regain its shape, the visco-elastic soft memory foam, Vepur, continues to

absorb shocks and stresses for a particularly long time.

For patients in DFS risk classes II to VII, Bauerfeind have also included the ErgoPad ID:Diabetes in their range, a malleable insert capable of providing cushioning for the foot that is especially suitable for diabetic conditions. Here too, a multi-layered, long-soled, soft cushioning construction with Vepur helps absorb the load, distribute the pressure evenly and relieve individual pressure points. Web-based technology serves to establish the exact shape of the insert, using a Bodytronic ID:CAM, and a specially developed algorithm is brought to bear, to ensure an ideal pressure distribution. The orthopaedic footwear technician can then individually select the requisite densities of soft cushioning, together with layers of different degrees of hardness, for the specific requirements of the case in hand.





With the VenoTrain cocoon, Bauerfeind are also bringing out a medical compression stocking with integrated skin-care agents. The lipophilic compound strengthens the protective barrier provided by the cornified layer of the skin. As a result, it protects the dry, sensitive skin of the wearer from flaking and itching and the treatment maintains the natural balance of moisture in the skin. The company is the first manufacturer to use an innovative fibre composed of cotton and cellulose for the knitted fabric. Because cellulose is a natural material that has a matrix-like structure with

naturally occurring voids, it is good for storing the skincare product. Accordingly, the cellulose element in the fibre is impregnated with the lipophilic care compounds and the fibre is integrated on the inner surface of the stocking, thus providing maximum contact with the skin. VenoTrain cocoon is available as opaque knee-length hosiery, compression class 2, for both men and women, and can be obtained in red, blue, black and silk.

For the first time, Bauerfeind will, moreover, be introducing wholesalers, retailers and technicians to their new slim-fit ankle braces: the MalleoLoc L and MalleoLoc L3 complete the range of treatments for functional instability. They protect the foot from turning over suddenly in everyday movement, whilst, at the same time, combatting excessive supination and forward movement of the talus. The special feature of these orthoses is that they provide lateral stabilisation by means of an L-shaped moulding with fixing straps, designed to adapt to the anatomical features



of the wearer. The brace is designed to stabilise the joint from one side, and this permits very flat contours and a slim fit. Thus, these orthoses can be worn inside sports shoes and business wear alike.

Modell MalleoLoc L also has provision for a small plantar pad to be attached with Velcro, intended to stimulate the muscles that help lift the foot, as well as providing positive support for the ankle. MalleoLoc L3, in turn, combines an L-shaped moulding and straps with a compression bandage, that encourages activation of the muscles. This can be removed progressively, thus providing variable stabilisation for various levels of therapy, as well as for patients with chronic pathologies.



The new Bauerfeind SecuTec OA knee brace can be adjusted exactly to fit patients with moderate to advanced osteoarthritis and misalignment. This hard-framed brace with an adjustable lower leg supporting frame can be adapted for both varus and valgus conditions. By exerting a force on the lower limb and by retaining a gap continuously between the leg and the articulation of the brace, it can relieve either lateral or medial pain in the area of the knee, in line with the 3-point principle. An adaptive calf support, with a self-regulating angle of inclination and anatomically shaped

gel condyle pad, makes the brace comfortable to wear as the patient moves around. The condyle pad can be adjusted to fit by the insertion of wedges, so that the contact area which spreads the force acting on the side of the knee is increased. The side pads are eased to accommodate the head of the fibula. By effectively relieving the load on the knee and providing a suitably comfortable fit, the brace enables patients to move for longer and with less pain. In addition, the SecuTec OA stabilises the knee joint, using the 4-point principle. Different size frames for upper and lower leg can be combined, so as to fit the measurements of individual patients.