Welcome to the 3rd issue of DARCO Europe E-Journal

Dear Readers,

The DARCO E-Journal is a quarterly publication designed for the medical community, institutions and distributors throughout Europe; providing information about treatment of the foot & ankle.

Off-loading, off-loading, off-loading...
“Off-loading is the key to the beginning of the healing process.”

One of the main challenges in Diabetic, Postoperative and Wound Care is pressure relief. In addition to our range of off-loading footwear, DARCO offers specialized insoles which can be combined with most DARCO footwear. The combination helps to minimize the pressure and promotes faster healing. In the end, the patients can maintain their mobility while improving the quality of life. Physicians are able to ensure their success in wound and postoperative treatment by using DARCO’s innovative customizable off-loading insoles.

We hope that you enjoy reading each issue of the DARCO E-Journal!

Yours sincerely

Rainer Kalleitner
Director of International Sales Darco (Europe) GmbH

DARCO Founding member of:

Gesellschaft für Fuß- und Sprunggelenkschirurgie e.V.
Society for Foot and Ankle Surgery

www.gesellschaft-fuer-fusschirurgie.de

www.woundcare-circle.com


This year the IWGDF announced their latest findings at the 7th International Symposium on the Diabetic Foot at the World Forum in The Hague-Netherlands. Since November 2013 experts in the field are developing, updating and renewing the IWGDF Guidelines on the Management and the Prevention of the Diabetic Foot.

Through our sponsorship of the IWGDF, DARCO is honored to be a contributor to the International Consensus of the Diabetic Foot Guidelines.

DARCO, a founding member of the Wound-care-Circle, was on location at the International Symposium presenting modern concepts in offloading footwear.

Prestigious doctors and specialists from all over the world discussed footwear and offloading interventions to prevent and heal foot ulcers and reduce plantar pressure in patients with diabetes: Learn more about this systemic review:

www.iwgdf.org/files/2015/FO.pdf
DARCO PegAssist® Insole
Off-loading Insole

The DARCO PegAssist® Insole System features a multi-indication removable-peg chassis that effectively off-loads the plantar aspect of the foot after surgery or when wounds are present.

Features and Benefits
The DARCO PegAssist® Insole is built around a multi-purpose removable peg insole that effectively off-loads the plantar aspect of the foot. Easy removing of the single pegs allows a selective off-loading and the Peg Support Board keeps the off-loaded area intact. Constructed of an 18 mm combination of Plastazote®, Poron® and multi-foam to provide the perfect combination of shock absorption and moldability.

Postoperative Care

> Pegs can be removed from specific areas of the insole in order to redistribute pressure. The cardboard cover then stabilizes the off-loading area.
> Shock-absorbing effect
> Fully compatible with MedSurg, A.P.B.®, HeelWedge®, OrthoWedge, SlimLine®
> Right and left fit

Please find detailed information on our website www.darco-europe.com
Usage of PegAssist® Insole not only in Wound Care, but also in Orthopedic Deformity Correction

The Lapidus or TMT1 Arthodesis requires an off-loading in the operated area to avoid pseudoarthrosis. The PegAssist® Insole can increase the benefit of a MedSurg post-op shoe by reducing the leverage effect.

The TMT1 Arthrodesis, described by Lapidus in 1934, is a powerful technique for the correction of a wide IMA in Hallux Valgus deformities which include an elevation of the first ray and/or instability in the medial tarsometatarsal joint.

Depending on the surgical experience and the availability of surgical tools the two joint surfaces (MT1 and the cuneiform bone) are first sparingly resected. If necessary, a wedge with lateral base may be removed from the cuneiform bone to correct the IMA. Shortening must be compensated through plantarization of the MT1. This will offset any elevation of the MT1 head.

The internal fixation is usually done by two or more compression screws or locking plates or a combination of both.

Especially if plating systems are applied from dorsal or dorso-medial it is possible that the arthrodesis might open in the plantar aspect in case of early weight bearing. One solution can be the usage of plantar locking plates. If such implants are not at hand and a traditional fixation is done, the second option can be to modify the footwear.

A post-op shoe like the DARCO MedSurg already reduces the peak pressure under the metatarsal heads.

Peg removal beneath the 1st MPJ additionally reduces the “lever effect” thereby reducing stress along the entire length of the 1st metatarsal and reducing pressure on 1st metatarsal osteotomies or fusions.

Further reading
Addis-Thomas Eliza "The Lapidus Procedure"
In: Saxena, (2012) “International Advances in Foot and Ankle Surgery”
Springer Publisher London
Events

September 2015

September 16 – 18, 2015 | Ghent, Belgium
18th Annual Meeting of the European Pressure Ulcer Advisory Panel
www.epuap2015.org

Imprint

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