

Editorial Woundcare-Circle – Get pressure ulcers under control
News Dr. Sunil Kari, No amputation for Diabetic Foot is our Goal!
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Editorial

Welcome to the 6th issue of DARCO Newsletter

Dear Reader,

Welcome to the 6th issue of the DARCO Newsletter, a quarterly publication which provides information to the medical community, institutions and distributors in India working in the field of treatment of the foot.

Woundcare-Circle – Get pressure ulcers under control.

Darco has especially focussed on diabetic and wound care treatment on the foot and ankle. Our devices help to prevent the development of wounds and pressure ulcers as well as to promote and accelerate the healing process.

DARCO is one of the original founders of the newly formed “Woundcare-Circle”. A global partnership, founded to provide clinicians and patients superior solutions for the redistribution of pressure at the heel, foot and ankle by enabling the development and dissemination of clinical evidence focusing on best practice based on a clinical approved therapy programme.

For further information please visit:

www.woundcare-circle.com



DARCO – Your partner for professional foot care!



Yours sincerely

Shashi Surpali
CEO DARCO Medical India Pvt.Ltd.

News

DO NOT BE
KEPT IN THE
DARK
ABOUT
DIABETES

Save limb and prolong life

Dr. Sunil Kari, founder of the Sou. Mandakini Hospital in Hubli, is constantly working about Diabetic Foot salvage awareness. The clinic focusses on Diabetic Foot Infection and Management guidelines. As we all know that 80% of amputations are due to infection in neuropathic feet. This is preventable. The early detection of peripheral vascular disease and intervention can prevent 20% amputations.

Learn more about the mission and interesting case records of Dr. Sunil Kari and a number of cases.

Sou. Mandakini Memorial Hospital,
Diabetic Limb Salvage Center
Bhagya Plaza, NCM Road, Deshpande Nagar,
Hubli - 580 029 - Karnataka - India
www.mandakinihospital.com/mission.html

Enjoy browsing!

Featured Product

WCS™ Wound Care Shoe System

The DARCO WCS™ Wound Care Shoe System is the product of choice when dealing with Wagner Grade 3 or greater ulcerations. The four multi-density insoles can be modified, effectively removing pressure from the plantar aspect of the foot.

The WCS™ is recommended for the treatment of open and closed ulcerations and other conditions of the foot in which it is desirable to redistribute weight away from specific areas. The circumferential counter of the shoe forms a deep pocket in the sole to permit the use of a variety of insoles under the ulceration or area of pressure. The insole material is placed below the level of the top of the circumferential counter, providing greater stability for the foot by preventing the layered insoles from shifting within the shoe.

Indications

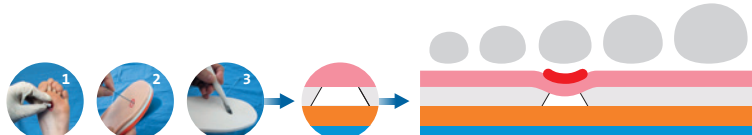
- > Wagner Grade 3 or greater ulcerations
- > Bony prominences
- > Long-term treatment of wounds and ulcerations
- > Maximum post operative off-loading while still allowing for patient ambulation

Features and Benefits

- > Four Multi-density Insoles allow for the ultimate in customization and precisely targeted off-loading
- > Ultra-soft Plastazote® Lining provides a virtually friction-free contact surface that won't exacerbate existing wounds
- > Genuine Leather Upper can be modified or cut away to provide even greater levels of pressure relief
- > Sold in Pairs to eliminate discrepancies in shoe height and the potential associated knee and hip pain

Example of sole customization:

Cross-section of the off-loading of a pressure ulcer under the third metatarsal head



Postoperative Care



Wide shoe opening

- > Easy to put on
- > Plenty of room for dressings

Special shoe sole

- > More safety
- > Optimal walking performance

4-sole system

- > Different Shore hardnesses
- > Easy customization

Height adjustment

- > Height adjustment ensured



Detailed video instructions for customising the fit available!

Please find detailed information on our website www.darco.in

Literature:

Functional Evaluation of the DARCO WCS™ Wound Care Shoe System for Diabetic Patients
www.darco.in/download/rosenbaum_wcs_en.pdf

Expertise

Fully Rocker Bottom Sole or is a flat midstance required?

Short term wound care shoes like the DARCO MedSurg™ do have a fully rocker bottom sole (see Newsletter No2, 2013). But patients with chronic wounds and bigger defects, often accompanied with neuropathy, not seldom suffer on limited sensory feedback from their feet, resulting in an unstable, unsafe, imbalance feeling.

In fact, a proper rocker bottom, with a more proximal pivot point of the MTH supports greater propulsion at toe off, reduces floor contact time and the need for full range of ankle motion. But during a gait cycle 40 % of the time is the swing phase of one leg, while the other leg has 60 % of the time instance, from heel-strike to toe-off. Also, while standing still, a fully rocker might give diabetic, neuropathic patients the feeling of instability. Instability is, of course, a concern for those who have poor balance or muscle weakness that may make them vulnerable to falls.

The DARCO WCS™ covers all these criteria. In addition it has an extra depth to carry the multi-layer insole which comes along with it, or a customized diabetic insole.

Literature shows, that a multilayer insole made of different materials, such as Plastazote®, EVA and Poron® are way more effective than a thick cushioning / padding with microcellular rubber only.

PLASTAZOTE®: In Podiatry the selective use of a range of AZOTE foam densities is used to provide extra support for foot disorders. An accurate impression of the plantar surface of the foot can be obtained by.

PORON®: PORON® Urethane materials have been considered the industry standard for cushioning and biomechanical support. Their consistent quality, durability and versatility make them easy to use for shock absorbing and soft cushioning.

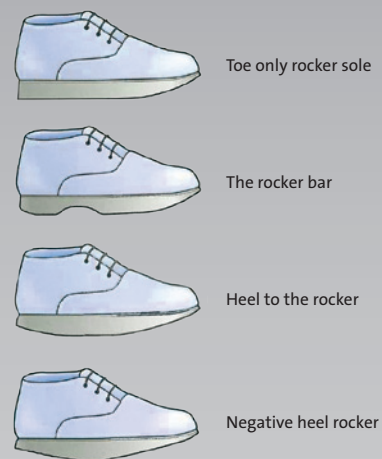
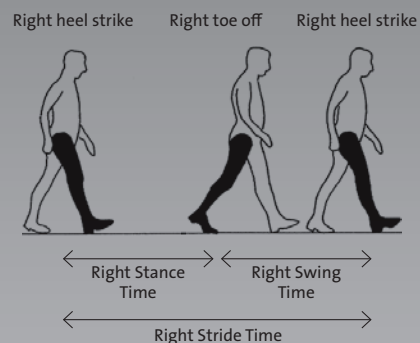
EVA (Ethylene vinyl acetate): ... is the copolymer of ethylene and vinyl acetate, popularly known as expanded rubber or foam rubber. The weight percent vinyl acetate usually varies from 10 to 40 %, which provides different hardness (shore A). EVA foam is used as padding, shock absorbing and weight redistribution in therapeutic shoes.

by Raphael Boehm, Vice President DARCO Europe

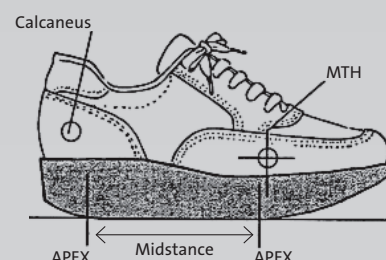
Literature:

Thyrell, W. / Carter, G., (2008) "Therapeutic Footwear: A comprehensive Guide" Churchill Livingstone, London

Footwear



Heel To The Rocker





Events

December 2014

12th – 14th December 2014
3rd India Med Expo 2014, Delhi
www.indiamedexpo.in

21st – 23rd December 2014
47th Annual National Conference of Indian Dietetic Association, New Delhi
www.idaindia.com

26th – 30th December 2014
74th Annual Conference of The Association of Surgeons of India, Hyderabad, Andhra Pradesh
www.asicon2014.com

January 2015

9th – 11th January 2015
The 6th Annual Parekh Indo-US Foot & Ankle Surgery Conference, Bangalore, Karnataka
www.footandanklecourse.com/bangalore-2015.html

9th – 11th January 2015
Indian Association of Sports Medicine (IASM) Powai, Mumbai, Maharashtra
www.iasm2015mumbai.com

10 – 11th January 2015
14th International Symposium on Diabetes Mumbai, Maharashtra
www.idsi.in

16 – 18th January 2015
India International Medical Equipment Expo Chandigarh, Punjab
www.medicalequipmentexpos.com

30th January – February 1st 2015
The 43rd Annual National Conference of the Indian Association of Physical Medicine & Rehabilitation (IAPMR) Trivandrum, Kerala
www.iapmrcon2015.com

February 2015

6th – 8th February 2015
39th Annual Conference of the Karnataka Orthopaedic Association, Mysore, Karnataka
www.koacon2015.org

19th – 22nd February 2015
70th Annual Conference of The Association of Physicians of India 2015 – APICON, Gurgaon
www.apicon2015.com

27 February to 1st March 2015
Annual Conference of Indian Association of Aesthetic Plastic Surgeons – AESURG Ramada, Neemrana, Rajasthan
www.iaaps.net/uploads/Neemrana%20Brochure.pdf

March 2015

27th – 1st March 2015
39th annual Conference of Uttar Pradesh Orthopaedic Association, Moradabad, Uttar Pradesh
www.uporthocon2015.com



Imprint

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Expertise, Page 3, Picture 1:
www.oandp.org/jpo/library/popup.asp?xmlpage=1991_02_059&type=image&id=f1
Expertise, Page 3, Picture 2: from: Thyrell, Therapeutic Footwear
Expertise, Page 3, Picture 3: <http://www.aapsm.org/toningshoes.html>
Expertise, Page 3, Picture 4:
<http://lermagazine.com/article/diabetes-offloading-difficult-wounds-part-2>