DARCO India –



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Editorial Know causes, symptoms and treatment of foot problems! News & Notes Testimonials: "Every 15 seconds somewhere in the world ..." Featured Product TwinShoe Balance Shoe **Expertise** Is there a biomechanical need for the use of a height compensation shoe while wearing a Wedge Shoe? Events June 2016 – September 2016 Imprint About us/Disclaimer

Editorial

Welcome to the 12th issue of DARCO India Newsletter

Dear Reader,

DARCO is committed to providing the most current information to the medical community, institutions and distributors throughout India all dedicated to the treatment of the foot.

Many types of footwear are available on the market for people with foot problems. Depending on the reimbursement system, a patient may have to pay for the therapeutic footwear prescribed. The investment required for an individual's therapy, is very often discussed directly with the doctor and the family. Consequently, the medical specialist's role extends into providing critical knowledge about the best possible solutions.

In addition to knowing about the causes, symptoms and treatment of foot problems, every specialist requires up-to-date knowledge about the available solutions. Therefore, the health care provider's partnership with a dependable supplier and reputable manufacturer of therapeutic shoes is essential for providing the highest quality of care to patients. DARCO is one of the leading suppliers of medical shoes in the world with 30 years of experience in the treatment of foot and ankle. The quarterly E-News can provide an overview to the most common foot deformities and appropriate footwear. The DARCO India E-Journal 1 – 12 is now available as a complete set. Please contact info@darco.in to get your free copy.



DARCO – Your partner for professional foot care!

Yours sincerely

Shashi Surpali CEO DARCO Medical India Pvt.Ltd.

News & Notes

Testimonials:

"Every 15 seconds somewhere in the world a foot and ankle specialist prescribes a DARCO product"

"... it improved my mobility. I am able to walk properly and even I am able to go to the doctor by wearing this shoe". India

> "My mother needed to undergo surgery on both feet. Now the wounds are healing and she is able to walk again without pain,

> > hank you!" China

"... he is happy and safe,

feet!" Germany

great help for childrens injured

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Featured Product

Postoperative Care

TwinShoe – Keep the balance

The DARCO TwinShoe is an excellent, lightweight, height compensation shoe designed to compliment a healing shoe. For example, DARCO OrthoWedge[®] forefoot off-loading shoe, HeelWedge[™], heel off-loading shoe or the Body Armor[®] Walker II cast replacement boot, all of which are commonly used solutions after foot surgery. DARCO's TwinShoe, makes postsurgery mobilization safe and easy.

After foot surgery, most surgeons employ a post-operative shoe to enable the patient to become mobile as quickly as possible. The TwinShoe was designed specifically to equal out the discrepancy in leg lengths when an "off-loading" healing shoe has been prescribed. This equalization can help relieve discomfort due to the imbalance while walking. Simply slip it on like any other shoe and go! The TwinShoe is designed for a universal left / right fit.

Indications

> to compliment a healing shoe (such as a forefoot off-loading shoe) > equalizing leg lengths

Features and Benefits

- > prevents the tilting of the pelvis due to higher healing shoe sole
- > to ensure a safe and ergonomically correct walking pattern when worn together with healing shoes or off-loading shoes
- > removable insole
- > Body Armor[®] Toe Guard Optional



The TwinShoe is the matching shoe for the following DARCO products: OrthoWedge[®], HeelWedge[™], Body Armor[®] Walker II

Sizes: XS (33.5 – 37.0) S (37.5 – 39.5) M (40.0 – 41.5) L (42.0 – 44.0) XL (44.5-47.0)

- Color: Black

- Height of the sole: 36 mm
- Please find detailed information on our website www.darco.in

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Expertise

Is there a biomechanical need for the use of a counter side height adjustment while wearing a Wedge Shoe?

By wearing a wedged post-surgical or off-loading shoe, the patient will experience a bilateral asymmetry in leg length which leads to a limping gait. Patients might claim knee, hip and/or lower back pain after wearing a wedged shoe for a while due to a changed biomechanical function chain.

It looks like the human body can tolerate a leg length difference up to 2 cm⁽¹⁾. Differences of more than 2 cm can lead to difficulties in walking. Even patients without diabetic ulcers and/or neuropathy often claim pain in the Sacroiliac Joint. In Berlin Germany, Dr. Edelmann observed 100 patients in a period of 8 months who underwent a Hallux Valgus correction surgery and had to wear a forefoot off-loading shoe.

> 88% said walking with just the off-loading shoe was uncomfortable
> 37% said that they experienced pain in the Sacroiliac Joint
> As a consequence, 26% chose not to wear the off-loading shoe at all.

In 1991 McCaw et al ⁽²⁾ described the biomechanical implications of mild leg length inequality and pointed to

- > Possible stress fractures of the weight bearing bones
- > Osteoarthritic symptoms in the hip and the knee
- > Lower back pain due to a functional scoliosis

In 2013 O'Leary et al $^{(3)}$ did a systemic literature review and came to the conclusion that foot & ankle deviations can be considered a potential cause of lower back pain.

A height adjustment, i.e. in the form of a height difference shoe, can therefore be considered an important part of the complex treatment of foot & ankle disorders.

by Raphael Boehm, Vice President DARCO Europe

Literature:

 Burke Gurney, PhD, PT, et al, Effects of Limb-Length Discrepancy on Gait Economy and Lower-Extremity Muscle Activity in Older Adults
 J Bone Joint Surg Am, 2001 Jun; 83 (6): 907 -915 . http://dx.doi.org/
 McCaw et al, Biomechanical implications of mild leg length inequality
 Br J Sp Med 1991; 25(1) 10-13 http://bjsm.bmj.com
 O'Leary et al, The effects of podiatrical deviations on nonspecific chronic low back pain
 J Back and Musculaoskeletal Rehabilitation, 2013, (26) 117-123 IOS PressDOI 10.3233/BMR-130367 Leg Length difference can lead to an asymmetrical axis in the body resulting in pain http://medizinpress.de/beinlaengendifferenzen/



By courtesy of Dr.Sandhya S. Kulkarni, M.D., Chetana Diabetis Foot Care Centre



Footwear



Events

June 2016

16th – 17th June 2016 National Conclave on Diabetes and Diabetic Foot, Chennai

18th – 19th June 2016 National Conclave on Diabetes and Diabetic Foot, Mumbai

23rd – 25th June 2016 6th Annual Conference of the AOTrauma India, Goa www.aotraumagoa2016.com

24th – 26th June 2016 4th Ganga Operative Trauma Course 2016, Coimbatore, Tamilnadu http://goref.org/conference/GangaTrauma2016/index.php

July 2016

2nd – 3rd July 2016 Hello Diabetes Academia 2016, Nagpur, Maharashtra www.diabetescare.co.in

9th – 10th July 2016 Diabetic Footcare – Podiatry Course, New Delhi www.ipafootcare.org

22nd – 24th July 2016 Medicall, Chennai, Tamilnadu www.medicall.in

29th – 31st July 2016 Dr. Mohan's International Diabetes Update 2016, Chennai, Tamilnadu www.diabetesupdate.in

August 2016

11th – 14th August 2016 TRAUMACON, Mumbai, Maharashtra www.traumaconmumbai.com

17th – 20th August 2016 World Trauma Congress 2016-WTC 2016, New Delhi www.wtcindia2016.org

20th – 21st August, 2016 CLEVELAND CLINIC ADVANCED CERTIFICATE COURSE IN DIABETES 2016 (CCACCD 2016), New Delhi www.ccaccd.com

26th – 28th August 2016 29th Annual Conference of Indian Foot and Ankle Society IFASCON 2016, Ranchi, Bihar www.ifascon2016.com

September 2016

1st – 3rd September 2016 India Rehab and Care Expo, Mumbai, Maharashtra www.indiarehabexpo.com

1st – 4th September 2016 International Society for Knowledge for Surgeons on Arthoscopy and Arthoplasty – ISKSAA Global Summit 2016, New Delhi www.isksaa.com

15th – 18th September 2016 23rd Annual conference of the vascular society of India & second world congress of world federation of vascular societies, Bengaluru, Karnataka www.vsicon2016.com

17th – 18th September 2016 17th Annual National Conference of Indian Association of Endocrine Surgery, Meerut, Uttar Pradesh www.iaescon2016.com



Imprint

About us

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