

**Editorial** DARCO's research, development and networking

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**Expertise** DFU Classification Systems

**Events** December 2017 – February 2018

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## Editorial

# Welcome to the 18th issue of DARCO India Newsletter

Dear Reader,

Since our inception, DARCO has been dedicated to the development of high quality products to improve the lives of people – people from all walks of life. Our research and development has never been a solitary pursuit. Through our commitment to collaborate with technicians and industrial designers we can innovate new philosophies in foot care while shifting the mind-set of leading medical professional and physiotherapists alike. Creating new products using state-of-the-art technology allows us to better meet the needs of the people and the countries that serve them. The 18th issue of our India Newsletter is dedicated to this work and to our commitment to exchange knowledge – cross border with all the DARCO entities; US, Europe, India and China.

### And we network around the world!

We're proud of our philosophy and of the relationships we've built. The Woundcare-Circle, the Association for Diabetic Surgeons, the Diabetic Foot Study Group, Indian Foot and Ankle Society and the Diabetic Foot Society of India are just to name a few where we engage foot specialists, medical associations and biomechanical institutes and participate in events all over the world.



DARCO – Your partner for professional foot care!

Yours sincerely

Shashi Surpali  
CEO DARCO Medical India Pvt. Ltd.

## News & Notes



## Review: DFSICON 2017

Diabetic foot specialists  
from all parts of the world  
get connected in Chennai

“Renowned National & International faculty who are pioneers in the management of various aspects of Diabetic foot & Wound Management” This was the announcement of DFSICON this year. And the meeting brought forward exactly what it promised. Many of the contributors in attendance at this year's meeting were well known to DARCO. In addition, there were two German members of the board who have long since been highly valued, trusted collaborators of DARCOs.

The depth and breath of advancements that were show cased in the Indian research worked through numerous levels; The National Guidelines on Diabetic Foot Management, Workshops on Off-loading and a focus on Footwear and Foot care were all areas that more than impressed the attendees this year.

It was an enlightening worthwhile experience for DARCO India Pvt. Ltd. to attend the DFSICON event and we look forward to the next one. Hope to see you there.

## 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

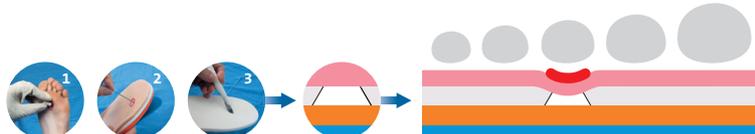
- > Wagner Grade 3 or greater ulcerations
- > Bony prominences
- > Long-term treatment of wounds and ulcerations
- > Maximum post operative off-loading while still allowing for patient ambulation

### 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



Please find detailed information on our website [www.darco.in](http://www.darco.in)

## Off-loading and Wound Care



exchangeable  
insole



### 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](http://www.darco.in)

## Expertise

Currently there are several classification systems known to specify a Diabetic Foot Ulcer (DFU). Some of them are very complex, some of them are too superficial, and some of them are simply not efficient.

Jeffcoate stated in 2003<sup>(5)</sup> that “... there is no widely accepted method for classification or even describing foot ulcers. Non-specialists commonly refer to all ulcers as diabetic foot. Two international working parties are trying to define a system of describing individual ulcers to improve communication and develop a classification for audit and research. Without classification, selection of comparable populations for urgently needed multicenter trials will be impossible ...”<sup>(5)</sup>. Such comments like “not widely accepted” or “not commonly used” appear all the way through the literature, even in the latest cited reference of 2012<sup>(24)</sup>.

In 2006 the Editors comment in Podiatry Today, Vol. 19 Issue 6 May<sup>(6)</sup>, asked “Can a Diabetic Foot Surgery Classification System Help Predict Complications?” Researchers concluded that a non-vascular surgical classification system – including variables such as neuropathy, open wound and acute infection – may help predict peri- and postoperative complications. “... Armstrong believes the non-vascular diabetic foot surgery classification system’s framework may predict risk for complications such as amputation and infection ... just as it is best for one to be conversant in more than one language, it is best to be fluent in numerous classification systems ...”<sup>(6)</sup>.

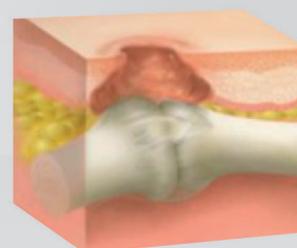
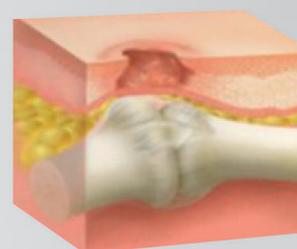
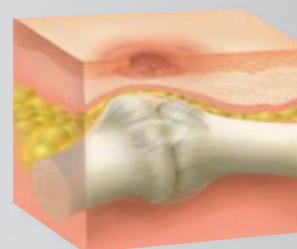
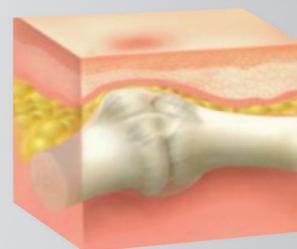
Generally speaking the Wagner and the UT seem to be the most commonly used (or at least known) classification systems, although or perhaps because they are already quite old.

Regardless which system is supposed to be the most accurate one, by the end of the day a classification system needs to have four advantages<sup>(9)</sup>:

- > Provides a valuable means for organization
- > Represents a common language for speaking with other medical professionals
- > Can help with reimbursement issues
- > Provides validation of chosen treatments

*by Raphael Boehm, Vice President DARCO Europe*

## DFU Classification Systems



### Literature:

Please download a review of the literature on our expertise site [www.darco.in/expertise.html](http://www.darco.in/expertise.html)



## Events

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### December 2017

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8th – 10th December 2017  
15th Annual National Diabetic Foot Congress  
DFSICON 2017, Chennai, Tamilnadu  
[www.dfsicon2017.org](http://www.dfsicon2017.org)

26th – 31st December 2017  
62nd Annual Convention of Indian Orthopaedic  
Association – IOACON 2017, Indore, Madhya Pradesh  
[www.ioacon2017.com](http://www.ioacon2017.com)

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### January 2018

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4th – 6th January 2018  
Maharashtra Ranawat Orthopaedic Conference (ROC)  
Mumbai  
[www.roconference.com](http://www.roconference.com)

5th – 7th January 2018  
9th Annual Parekh Foot & Ankle Course  
Hyderabad, Telangana  
[www.footandanklecourse.com/hyderabad-2018.html](http://www.footandanklecourse.com/hyderabad-2018.html)

6th – 7th January 2018  
6th Annual meeting of the Research Society for the Study  
of Diabetes in India(RSSDI), Rajasthan Chapter  
Bikaner, Rajasthan  
[www.rajrssi2018.com](http://www.rajrssi2018.com)

20th – 21st January 2018  
10th Annual Conference of Jharkhand Orthopaedic  
Association, Bokaro Steel, Jharkhand  
[www.joaindia.org](http://www.joaindia.org)

26th – 28th January 2018  
37th Annual Conference of Kerala Orthopaedic Association  
Kannur, Kerala  
[www.keralaortho.org](http://www.keralaortho.org)

27th – 29th January 2018  
Orthotics & Prosthetics Society of India-OPAI 2018  
Lucknow, Uttar Pradesh  
[www.opai2018.com](http://www.opai2018.com)

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### February 2018

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2nd – 4th February 2018  
42nd Annual Conference of Karnataka Orthopaedic  
Association-KOACON 2018, Mangaluru, Karnataka  
[www.kaaindia.org](http://www.kaaindia.org)

9th – 11th February 2018  
36th Annual conference of GOA 2018 – South Gujarat  
Orthopaedic Association-GOACON-2018, Surat, Gujarat  
[www.goacon2018.com](http://www.goacon2018.com)

9th – 11th February 2018  
TNOACON 2018, Nagercoil, Tamilnadu  
[www.tnoacon2018.com](http://www.tnoacon2018.com)



## Imprint

### About us

DARCO Medical India Pvt. Ltd.  
# 32A1B1/A1, First Floor, Vaibhav Complex  
Opp to District Court, P. B. Road  
Dharwad 580 008, Karnataka, India  
Telephone +91. 836. 2 74 74 46  
Fax +91. 836. 2 44 44 32  
info@darco.in, www.darco.in

### Responsible for the content

Raphael Böhm  
Executive Director DARCO India

### Editorial

DARCO (Europe) GmbH  
Alexandra Panizza  
Marketing Coordinator EMEA / India / Asia

Editorial advisor: Laurie Norquist

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