

**Editorial** DARCO facing India

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## Editorial

# Welcome to the 1st issue of DARCO Newsletter 2013

Dear readers,

Welcome to the 1st issue of the DARCO Newsletter, a quarterly publication which provides information to the medical community, institutions and distributors in India who practice in the treatment of the foot.

Quarterly you will receive a downloadable PDF via email that you can collect or distribute to other interested colleagues.

The DARCO Newsletter is a medium to share information. Each edition will discuss the latest news on publications, meeting, and procedures that focus on foot care. We will always provide you with latest information by regularly featuring a special DARCO product. Professional information on a high level will be performed by the chapter “Expertise”, giving you the opportunity to know more about procedures and appropriate application of our products. Last but not least you will find the schedule of events highlighting those where DARCO products will be available.

I hope that you enjoy reading each issue of the DARCO Newsletter!

Yours sincerely



Darrel Darby  
CEO DARCO International



Sashi Surpali  
CEO DARCO Medical India Pvt. Ltd.



## News



**26<sup>th</sup> IFASCON 2013**  
Indian Foot and Ankle Society Conference  
30th August - 1st September | Gurgaon, India



Dr. Mandeep S. Dhillon, Raphael Böhm, Alex Panizza, Sashi Surpali

## DARCO India on the spot.

DARCO India successfully participated in the 26th IFASCON Meeting, presenting the postoperative, off-loading and wound care DARCO products to the Indian foot and ankle community. Sharing experiences, looking out for proper solutions in foot care and footwear was the main point of interest. During the exhibition we benefited from face-to-face conversations with potential new clients all over India.

The 26th IFASCON was being organized at Medanta hospital, Gurgaon. With world renowned International and National faculty, it was a great scientific event.

We are very much looking forward to next meeting in 2014.

## Featured Product

# DARCO OrthoWedge® Off-loading shoe

The DARCO OrthoWedge® is clinically proven to reduce weight bearing pressure on the forefoot which promotes faster healing after surgery, trauma or when forefoot wounds or ulcerations are present.

Use after surgeries to correct hallux valgus, hammer toes /  
Tailor's bunions treatment of diabetic ulcerations.

### A Time Tested Option

Incidences of diabetes are at an all time high with the level of newly reported cases up a staggering 48% in the last 10 years\*. In many cases, the resulting neuropathic limbs mean that diabetic ulcers on the feet are a distinct and very dangerous possibility. Since pressure and abrasion are the enemies of wound care, the OrthoWedge® is designed to naturally reduce the number of steps taken by the patient while still allowing them to ambulate when necessary. The DARCO OrthoWedge® has been tested under fire in both clinical and real world settings and continues to produce outstanding results. When forefoot off-loading is required to allow wounds/ulcerations under the metatarsal heads and toes to heal, nothing beats the OrthoWedge®.

### Need Targeted Off-Loading? Add a PegAssist™ Insole

When used alone, the OrthoWedge® Healing Shoe reduces forefoot pressure by as much as 57% and peak pressure is reduced by as much as 75% under the Great Toe! But when combined with our innovative PQ Series PegAssist™ customizable insole you can achieve astounding localized pressure relief without the risk of edge abrasion or ring edema present in other off-loading methods. The PegAssist™ insole's Poron® cover minimizes friction while the closed cell Plastazote® layer absorbs shock and comfortably conforms to the foot.



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

\* Baronski, Sharon; Ayello, Elizabeth A. "Wound Care Essentials"

## Postoperative Care



- > **15° Wedge Sole** effectively shifts body weight to the midfoot and heel. Reduces forefoot pressure by as much as 57%!
- > **Square Toe Design** acts as a bumper to protect the toes when k-wires are present and provides better left/right fit.
- > **Ankle Strap** seats foot firmly in shoe to reduce heel slippage and eliminate friction.
- > **Removable Forefoot Closure** provides security while eliminating buckle pressure.
- > **Zoned Outsole** has an aggressive tread under the mid-foot where traction is needed most.
- > **Removable Insole** features twice the padding of standard insoles and can be modified as needed. Insole can be totally removed to accommodate DARCO's innovative PegAssist™ customizable off-loading insole.



## Expertise

## Correction of Bunions using the Austin/Chevron Osteotomy (V-Osteotomy)

While literature in the year 1930<sup>[1]</sup> described just 25 techniques to correct bunions, today we count more than 150 techniques<sup>[2]</sup>. These techniques include corrections of the phalangeal bones as well as the metatarsal bones and/or the belonging soft tissues. One of the most frequently used methods in mild deformities (Grad 1–2, IMA < 15°) is the V-shaped osteotomy, also called CHEVRON or AUSTIN.

The idea is to shift the Metatarsal head from medial to lateral. This technique not only allows a two-dimensional correction of the intermetatarsal angle, but also – if needed – a lengthening or shortening of the 1st ray, as well as a plantarisation of the metatarsal head, depending on the direction of the osteotomy. Different versions of this technique are described due to the critical direction of the osteotomy in relation of the blood supply of the metatarsal head.

Additional osteotomies – like AKIN – might be required in the first phalangeal bone.

Also soft tissue correction – mainly the so called LATERAL RELEASE – might be required to finally get the first ray back into a straight position and having the metatarsal head covering the sesamoid bones again. The osteotomy is usually performed through a medial or dorsomedial surgical approach. The cut itself looks a bit like a V-shaped cut.

A 60°–70° angulation is recommended, but may differ from case to case. Fixation with a K-WIRE in the early days was common; nowadays a cannulated compression screw is regarded to be the standard.

For post-op treatment a forefoot off-loading shoe like the DARCO OrthoWedge® can be recommended. Attention: Treatment always depends on the individual case and the surgeons experience.

### References

- <sup>[1]</sup> Timmer, (1930) "Die Behandlung des Hallux Valgus", Barth Publisher, Leipzig  
<sup>[2]</sup> Gould, (2013) "The Handbook of Foot and Ankle Surgery", Jaypee Publishers, New Delhi  
<sup>[3]</sup> Figure 1-2013-Iss01: Hetherington, (1994) "Hallux Valgus and Forefoot Surgery", Churchill Livingstone, London

### Further reading

[www.kent.edu/cpm/academics/library/hallux.cfm](http://www.kent.edu/cpm/academics/library/hallux.cfm)

### OP Technique

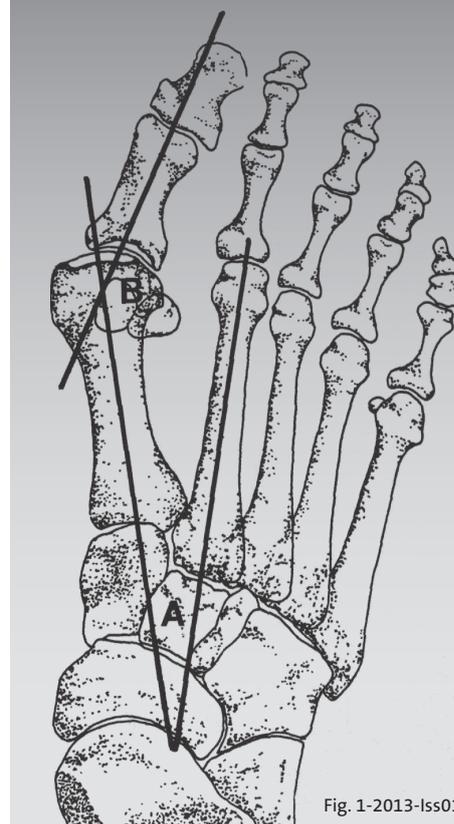
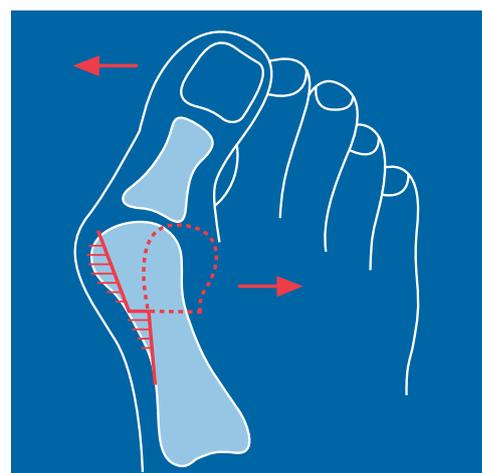
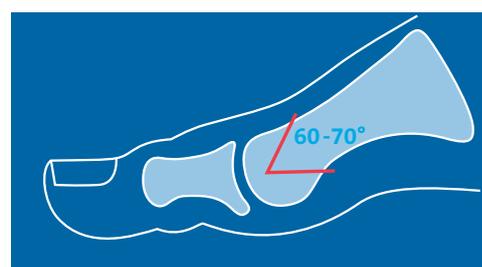


Fig. 1-2013-Iss01<sup>[3]</sup>





## Events

### October 2013

**4–6th October 2013 | Varanasi, Uttar Pradesh**  
**12th Annual Conference of Uttar Pradesh Diabetes Association**  
[www.updacon2013.com](http://www.updacon2013.com)

**5–6th October 2013 | Lucknow, Uttar Pradesh**  
**Diabetes-Endocrinology Update 2013**  
[www.sgpgi.ac.in/conf/endo/Main.htm](http://www.sgpgi.ac.in/conf/endo/Main.htm)

**18–20th October 2013 | Bhopal, Madhya Pradesh**  
**43rd Annual Conference of Endocrine Society of India, ESICON 2013**  
[www.esicon2013bhopal.com](http://www.esicon2013bhopal.com)

**25–27th October 2013 | Satna, Madhya Pradesh**  
**32nd Annual Conference of IOA MP Chapter**  
[www.mpoaindia.org](http://www.mpoaindia.org)

### November 2013

**9–10th November 2013 | Delhi, Haryana**  
**Annual Conference of Delhi Orthopedic Association 2013**  
[www.delhiortho.org/events.php](http://www.delhiortho.org/events.php)

**8–10th November | Delhi, Haryana**  
**41st Annual Scientific Meeting for Research Society for the Study of Diabetes in India RSSDI 2013**  
[www.rssdi2013.com](http://www.rssdi2013.com)

**15–17th November 2013 | Nanded, Maharashtra**  
**30th Annual Meet of Maharashtra Orthopaedic Association MOACON**  
[www.moacon2013.com](http://www.moacon2013.com)

**24–27th November 2013 | Mumbai, Maharashtra**  
**48th Annual Conference of the Association of Plastic Surgeons of India, APSICON 2013**  
[www.apsicon2013.com](http://www.apsicon2013.com)

### December 2013

**3–8th December 2013 | Agra, Uttar Pradesh**  
**58th Annual Conference of Indian Orthopedics Association**  
[www.ioaconagra.org](http://www.ioaconagra.org)

**24–29th December 2013 | Ahmedabad, Gujarat**  
**73rd Annual Conference of The association of Surgeons of India, ASICON 2013**  
[www.asicon2013.in](http://www.asicon2013.in)

## Imprint

### About us

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### Various Photography / Graphics

"IFASCON" by courtesy of Dr. Mandeep S. Dhillon,  
President Indian Foot & Ankle Society