

## Ordering Information

### Products and Description

Art.-Nr.	Description
VXSY-10-1	VADOPlex System (device of the newest generation)
VXFP-05-1-L	Box with 5x Pairs of VADOPlex Foot Pads, size Large (42-47)
VXFP-05-1-M	Box with 5x Pairs of VADOPlex Foot Pads, size Medium (37-41)

### Information

OPED specialists are happy to present and demonstrate the advantages of our VADOPlex and VACOPproducts to you. Further information available on our homepage: [www.oped-uk.com](http://www.oped-uk.com)



## VADOPlex Advantages at a Glance

- Highly effective in the treatment of DVT
- Fast swelling reduction in ankle fractures (saving £1.400 per case)
- Safe, fast and easy to apply



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## OPED – Keeps you going.

We at OPED are experts in medical technology. All our high quality orthopaedic rehabilitation products are developed and designed in Germany.

Our goal: A mobile patient.

[www.oped-uk.com](http://www.oped-uk.com)



## DVT Prevention & Oedema Management



Abstracts of Studies reference A-V Impulse System™

## High Efficacy – Low Risk

The VADOPlex vascular impulse technology works on clinically proven impulse technology. By mimicking the natural impulses created by walking with normal weight bearing, the VADOPlex significantly improves venous return.

The VADOPlex is a safe, fast working, easy to apply system, providing better results than conventional compression treatments.

Integrating VADOPlex into your treatment concepts will result in better outcomes and significant savings.

\*1 Comparison of the use of a foot pump with the use of low-molecular-weight heparin for the prevention of deep-vein thrombosis after total hip replacement. A prospective, randomized trial. D. J. Warwick, J. Harrison, D. Glew, A. Mitchelmore, T. J. Peters, J. Donovan; Bristol, Unites Kingdom, J Bone Joint Surg (Br) Aug 1998; Vol 80A; No 8.

\*2 Mechanical prophylaxis of deep-vein thrombosis after total hip replacement: a randomised clinical trial. R.P. Pitto, H. Hamer, W. Heiss-Dunlop, J. Kuehle; Middlemore Hospital, South Auckland Clinical School, Auckland, New Zealand; J Bone Joint Surg (Br) July 2004; Vol86 B:639-42.

\*3 Efficacy, Safety and Patient Compliance Of Foot-Pumps Without Graduated Compression Stockings For Prevention Of Deep-Vein Thrombosis In Total Joint Replacement Young, Pitto et. al.; Journal of Bone and Joint Surgery - British Volume, Vol 91-B, Issue SUPP\_1, 76-77.;2009 EFORT - European Federation of National Associations of Orthopaedics and Traumatology (8th Congress) Florence, Italy: 11-15 May 2007

\*4 Venous impulse foot pumps: should graduated compression stockings be used? D. Warwick, H. Pandit, S. Shewale, T. Sulkin; Southampton University Hospitals, Southampton, The Journal of Arthroplasty, 2002. Vol. 17 No. 4 pp 446-448

\*5 Improving walking ability and ankle brachial pressure indices in symptomatic peripheral vascular disease with intermittent pneumatic foot compression: a prospective controlled study with one-year follow-up. K. T. Delis, A. N. Nicolaides, J. H. Wolfe, G. Stansby; J Vasc Surg. April 2000; Vol31 B:650-61

\*6 Vascular Impulse Technology versus elevation for the reduction of swelling of lower extremity joint fractures: results of a prospective randomized controlled study M. Schnetzke, J. El Barbari, S. Schuler, B. Swartman, H. Keil, S. Vetter, P.A. Grütznier, J. Franke BG Trauma Centre, Ludwigshafen, Germany; Bone Joint Journal 2021;103-B(4):746-754

\*7 Effectiveness of 'in-cast' pneumatic intermittent pedal compression for the pre-operative management of closed ankle fractures: A clinical audit M.K. Dodds, A. Daly, K.Ryan, L.D' Souza; Department of Orthopedic Surgery Mid Western Region Hospital Limerick, Ireland; Foot & Ankle Surgery 20 (2014) p40-43

# VADOPlex<sup>®</sup> by OPEd

## VASCULAR IMPULSE TECHNOLOGY

### Benefits

- New generation of device offers fast, easy & safe application
- Efficacy in DVT prevention as high as LMWH<sup>\*1,2</sup>
- Can be used without stockings<sup>\*3,4</sup> and is suitable for patients with PAOD<sup>\*5</sup>
- Approved for use in theatre
- 4 d earlier operation, 2 d earlier discharge<sup>\*6</sup>
- Saves approx. £1,400 per case if used for swelling reduction in ankle fractures<sup>\*7</sup>



Controller



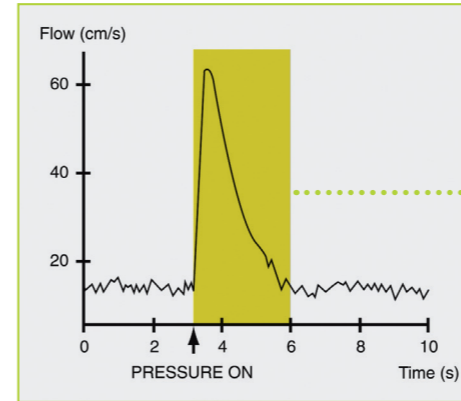
Foot Pads



Undercast Pad

### Scope of Indications/ Applications

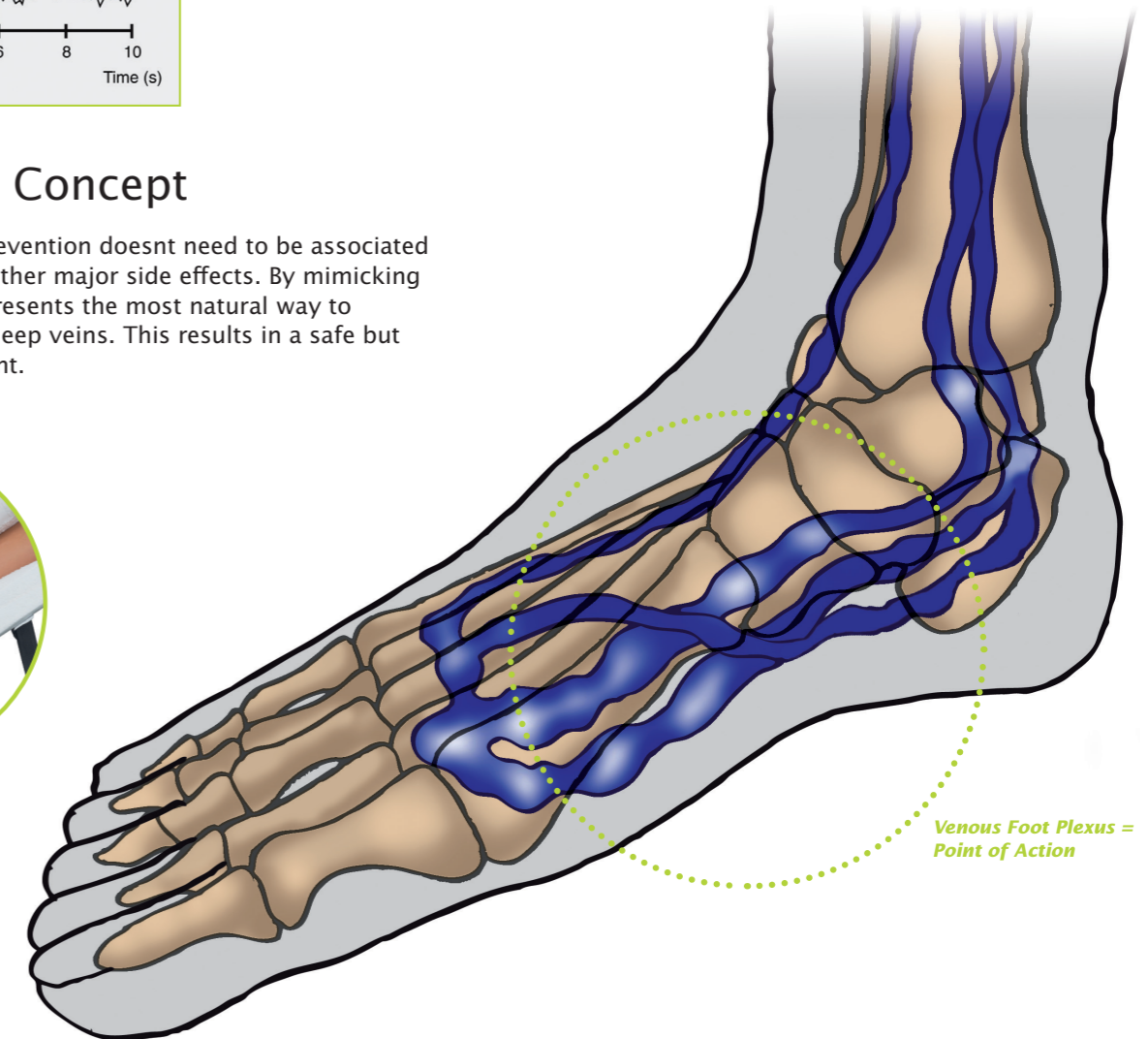
- Pre op and post op swelling reduction for the lower limb
- Prevention of Compartment Syndrome
- Reducing wound infections



Flow in V. femoralis during Foot Impulse Compression

### The Therapy Concept

Highly effective DVT prevention doesn't need to be associated with bleeding risks or other major side effects. By mimicking walking, VADOPlex represents the most natural way to eliminate stasis in the deep veins. This results in a safe but highly efficient treatment.



Venous Foot Plexus = Point of Action