

Advantages of VACOcast and VACOpedes Diabetic

- + Excellent pressure distribution due to VACO12 technology.
- + Successful wound healing due to excellent pressure relief.
- + Easy wound control simplifies treatment.
- + Rocker sole for a good pressure distribution as well as a safe and physiological gait pattern.
- + High patient compliance due to its ease of use and modern design.
- + Wearable on either foot to save space.
- + Traceable by serial number to support a simplified logistic process.

Indication

	VACOcast Diabetic	VACOped Diabetic	VACOpedes Diabetic	VACOpaso Free
Ulcerations on the foot	✓	✓	✓	✓
Post-operative care after toe amputations	✓	✓	✓	✓
Post-operative care after forefoot amputations	✓	✓	✓	✓
Diabetic neuroosteo-arthropathy DNOAP and charcot foot	✓	✓		



Engineered in Germany
Our orthopaedic rehabilitation products have been developed in-house and are designed in Germany.



Patient satisfaction
With comprehensive and complimentary after-care concepts, patients are looked after from the start of their medical care until their full recovery.



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Keeps you going.

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Total Contact Offloading with Bead Technology

Optimised Care for the Diabetic Foot



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Pressure Relief – for the Patient, the Doctor and the Nursing Staff

An even distribution of pressure and relieving load off the wound are crucial here. This is what the Foot Concept Diabetic provides: a precisely shaped and stable bed for the foot. A vacuum cushion, encased in a light plastic shell can be adjusted to all foot shapes and all types of deformities.

The Foot Concept Diabetic products are therefore ideal for all aspects of diabetic foot syndrome.

They are easy to use, designed to meet the needs of the patient and to reduce the workload for the health professionals.

Sizes

VACOped Diabetic, VACOpedes Diabetic and VACOCast Diabetic are available in 3 sizes, universal for left or right foot in Small, Medium or Large.

	Small	Medium	Large
Calf circumference	23 – 39 cm	35 – 51 cm	40 – 58 cm
Ankle circumference	14 – 29 cm	22 – 40 cm	30 – 45 cm
Foot width at ball	10,5 cm	12 cm	13,5 cm
Shoe size (for orientation purposes only)	35 – 39	39 – 43	43 – 49

* Use calf circumference first over shoe size for fitting guide.

Product Features

- Vacuum cushion**
allows individual adjustment, even with swelling.
- High frame**
for optimal stability.
- Optional lock**
to avoid undesired removal of the orthosis.
- Changeable and washable liners**
for easy wound control and better hygiene.
- Rocker sole**
for a physiological gait pattern and removable for better hygiene.
- Extendable toe platform**
for optimum protection of the forefoot.
- Wide shell**
to accommodate dressings.
- Toe cover**
protects the foot from dirt and stones.

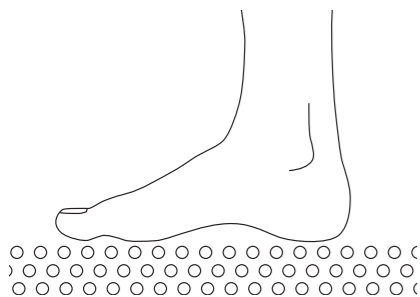


Non-removable/removable Cast-Stable Offloading Devices

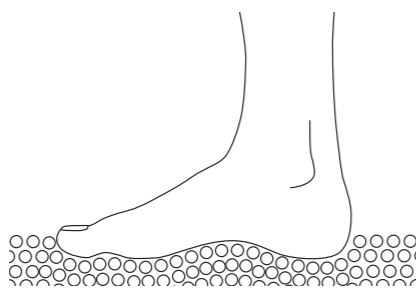


Within our Offloading clinic we did not have the facilities or budget to use Total Contact Casts for off-loading wounds. OPED introduced us to the VACO Diabetic boot. This has been a game changer for staff, and most importantly our Patients. We are now compliant with Gold standard practice in off-loading wounds.

The VACO12 Principle



When the vacuum cushion is in its aerated state it allows maximum adaptability no matter what the size or form of the foot.



Once applied to the patient's foot, air is removed by way of a valve and the beads form to the shape of the limb. Which also provides total offloading of pressure.



The adaptation process is repeatable as often as is necessary, allowing for a change in leg shape i.e. swelling.

Guidelines of the International Working Group on the Diabetic Foot (IWGDF)

Recommendation for healing a neuropathic plantar forefoot or midfoot ulcer in a person with diabetes:

1st Choice Offloading

"... use a **non-removable knee-high offloading device as first choice** of offloading treatment to promote healing of the ulcer (Strong Recommendation)"

"... choose either a **total contact cast** or a **non-removable knee-high walker** (Conditional; Moderate)"

2nd Choice Offloading

"... if a non-removable knee-high offloading device is contra-indicated or not tolerated, consider using either a **removable knee-high** or **ankle-high offloading device** as the **second choice** of treatment... (Conditional; Moderate)"

"... **do not use... conventional footwear** or **standard therapeutic footwear** over an offloading device... (Strong, Low)"

3rd Choice Offloading

"... if offloading devices are not available, consider using **felt foam in combination with appropriately fitting footwear** as the **third choice** of offloading (Conditional; Very low)"

"... if a knee-high or ankle-high offloading device is used, consider also using a **shoe lift on the contralateral limb** to improve the person's comfort and balance while walking in the device (Conditional; Very low)"

<p>Compensation Sole recommended</p>	<p>Recommended as 1st Choice Offloading</p> <p>Knee-high non-removable Devices such as</p> <ul style="list-style-type: none"> • Total Contact Cast • Non-removable Walkers
<p>Compensation Sole recommended</p>	<p>Recommended as 2nd Choice Offloading</p> <p>Removable knee-high Walker Ankle high offloading Device</p>
<p>Compensation Sole recommended</p>	<p>Recommended as 3rd Choice Offloading</p> <p>Felt/Padding/Offloading Shoe</p>

Superior Outcome in the Treatment of the Diabetic Foot Syndrome with VACOcast Diabetic

An Evaluation Of The VACOcast Diabetic Boot Within The Community!

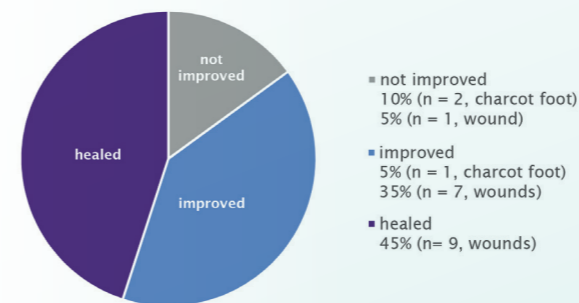
G. Bowen (Clinical Lead Podiatry Solent NHS Trust), P. Spruce (Clinical Director TVRE Consulting), UK, May 2018

Patients and method

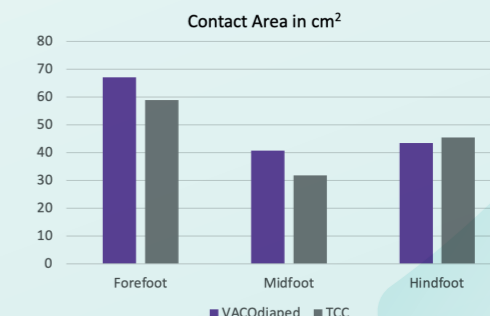
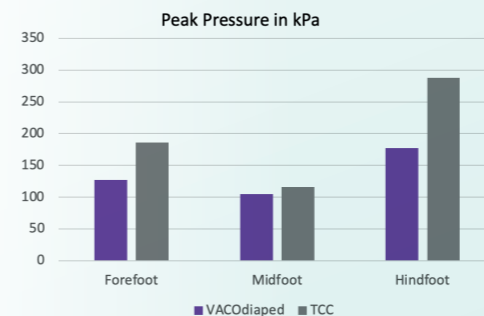
- 20 patients with diabetes (17 with foot ulcers, 3 with charcot foot)
- Treatment in VACOcast Diabetic for up to 8 weeks

Results

16 out of 17 ulcers improved or healed within 8 weeks!



Bead Technology of VACO Diabetic Products provides similar Pressure re-Distribution like TCC, during walking



Ready-made Therapy Shoe

Product Features

- 1 **Special inner material**
soft and liquid-repellent.
- 2 **Can be worn on either foot**
thanks to easy unfastening of Velcro® straps and therefore saves space.
- 3 **Free toe area**
offers lots of room for dressing material.
- 4 **Adjustable VACO12 Insole**
which is filled with small beads, can be optimally adapted to the sole of the foot. The foot's contact surface is maximised, which allows optimum pressure distribution to be achieved. Thanks to the partially removable foam material parts, additional pressure relief can be provided on problem areas on the foot.
- 5 **Extremely rigid sole**
very stable and rigid sole minimises shear forces and offers fixed support.
- 6 **Rocker sole**
for a physiological gait pattern and allows the patient to stand securely.
- 7 **Innovative heel stability system**
offers optimum support with as much space for the foot as possible in the heel area.

VACO12

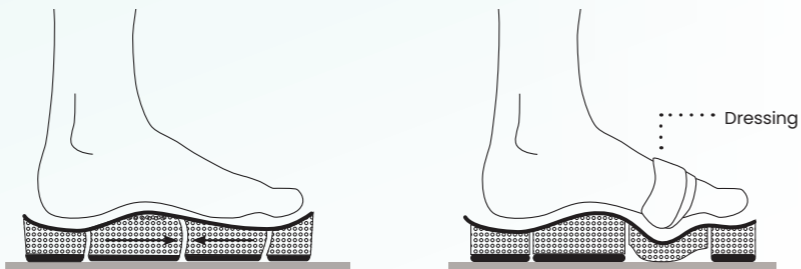


Available
in 5 sizes



The **VACO12** Insole

VACOpaso Free easily adapts to the foot. This facilitates optimum pressure relief. With its VACO12 insole, it offers a high level of comfort at the most sensitive parts of the feet. VACO12 beads and individually removable sole pads guarantee optimum comfort.



- Beads adjust to the anatomy of the foot.
- Stable, even pressure distribution to prevent pressure peaks.
- By removing some of the foam material, additional pressure relief can be achieved in certain areas.

Realign the hips and correct leg length discrepancy.

Highly beneficial when wearing an orthosis.

- Helps to alleviate hip, back and knee pain
- May reduce need for corrective physiotherapy after wearing an orthosis
- Helps create a more natural gait
- Fits both left or right foot
- Offers 3 heights
- Fits easily over shoe
- 4 Sizes available

