

## About Yostra

We are a healthcare technology firm pioneering smart innovations to make healthcare more effective, affordable and sustainable for the cost sensitive developing market. We are committed to solve pertinent healthcare issues through innovative, practical, and cutting edge technology solutions. We are a team of clinicians, designers and engineers based out of Bengaluru, brought together by the common goal of making a positive impact in making healthcare accessible.

Diabetic Foot Complications is our core focus and we have NEURO TOUCH for Diabetic Peripheral Neuropathy Screening and VELOX for Treatment of Chronic Wounds, both of which we have far reaching impact on public health.

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# FEATURES

- ✓ Faster Healing
- ✓ Better Infection Management
- ✓ Increased O<sub>2</sub> Perfusion at Wound Site
- ✓ Portable
- ✓ Safe to use

 Therapy Duration – 90 min

 Wagner Grade – 2, 3 and 4



## Proven Clinical Outcome of Accelerated Wound Healing

Type of Therapy	Wound healing rate (cm <sup>2</sup> /day)
VELOX Therapy	0.2410 <sup>A</sup>
Hyperbaric Oxygen Therapy	0.1583 <sup>B</sup>
Topical Oxygen Therapy	0.0252 <sup>B</sup>

<sup>A</sup> - Topical Controlled Warm Oxygen Therapy Delivered Through a Novel Device (KADAM™) to Treat Diabetic Foot Ulcers: A Randomized Controlled, Open, Pilot Trial  
<sup>B</sup> - Topical Oxygen and Hyperbaric Oxygen Therapy Use and Healing Rates in Diabetic Foot Ulcers by Brittany Winfeld

VELOX  
Therapy Unit

VELOX Disposable  
SMART Therapy Bag

VELOX  
OxyGenerator



Improves **microcirculation in the ulcer tissue** which in turn reduces oedema; hence fast healing.

Due to increased temperature of 37- 42 °C, the average speed and **kinetic energy** of the **gas molecules increase** – this enhances **penetration of gas to the crevices of the wound**.

Wound treatment with oxygen encourages the stimulation of **fibroblast** proliferation and differentiation, increase **collagen formation** and cross-linking, encourages the stimulation of leukocyte **microbial killing**, and increases **neovascularization**.

