



# Improving Care with Next-Generation Compression



by **SUN SCIENTIFIC**



# COMPANY OVERVIEW

SUN SCIENTIFIC

## Our Story

Founded by vascular surgeon, Sun Scientific is a solutions-focused medical device company leading the way in patient-centric treatments for venous and lymphatic disease.



## AVLS FEATURED PRODUCTS

Compression Systems



Wound Dressing



# OUR TEAM

SUN SCIENTIFIC



We bring together decades of experience, combining clinical knowledge, product development expertise, and compassion for patients.



**Sundaram Ravikumar**  
CEO/Founder

Practicing Vascular Surgeon (40 years), prolific inventor, and serial entrepreneur. Inventor, Founder and CEO of MiniLap Technologies (acquired 2014) – Ultra-minimally invasive laparoscopic instrument platform.



**Vikram Ravikumar**  
Chief Operating Officer

Inventor, product developer, and business manager, Leading strategy, planning, and day-to-day operations of Sun Scientific. COO of Mini-Lap prior to acquisition.



**Scot Dube**  
Chief Commercial Officer

Medical Device Executive with extensive commercialization experience. Leading commercialization and adoption of Aero-Wrap technology. Former President/CEO Sigvaris NA.



**Dr. Frank Veith**  
Clinical Advisor

Preeminent figure in Vascular Surgery. Founder and Chairman of the Veith Symposium, the world's largest vascular surgery conference. Chair – Cleveland Clinic, Prof. of Surgery – Case Western & NYU







Self-Applied, Fully Inelastic Air Compression



Aero-Wrap connects to the AeroGauge hand-pump for 3 compression settings, giving you the ability to simply set the pressure you need for All Day Wear, All Day Comfort



Velcro-On Straps



Measurable Static Compression

COMPRESSION BUILT FOR YOU

All day wear, all day comfort



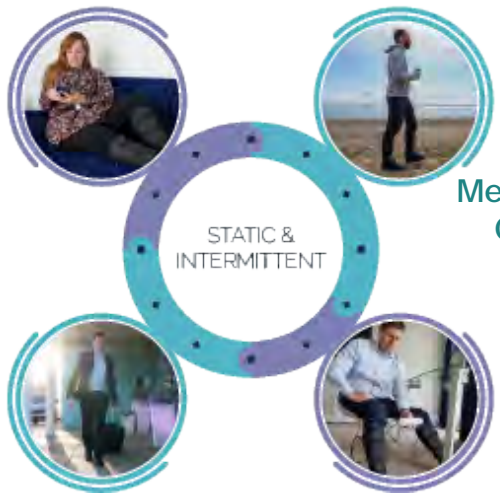


aero DVx™

AeroDVx™ Dual Therapy Swelling Management system provides measurable, accurate highly stiff static compression and the ability to add mobile, intermittent compression for advanced therapy.

## FOR WHATEVER YOUR DAY LOOKS LIKE

Get the compression you need, when you need it



DVx: Intermittent Compression



Easy to Apply



All Day Wear



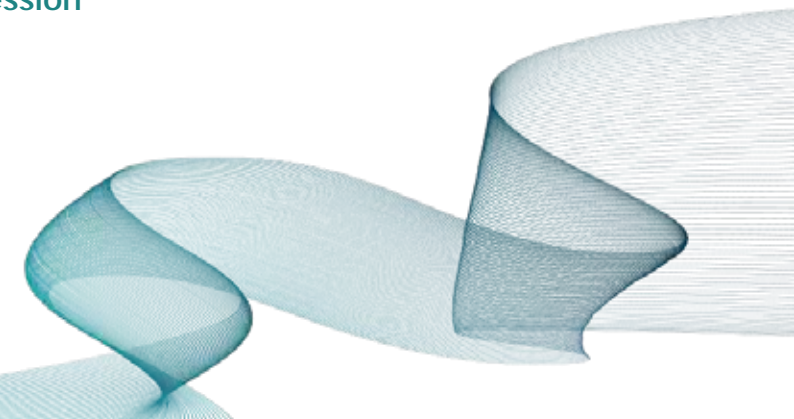
Comfortable



Adjustable Compression



Flexible





# Inelastic Compression is More Effective



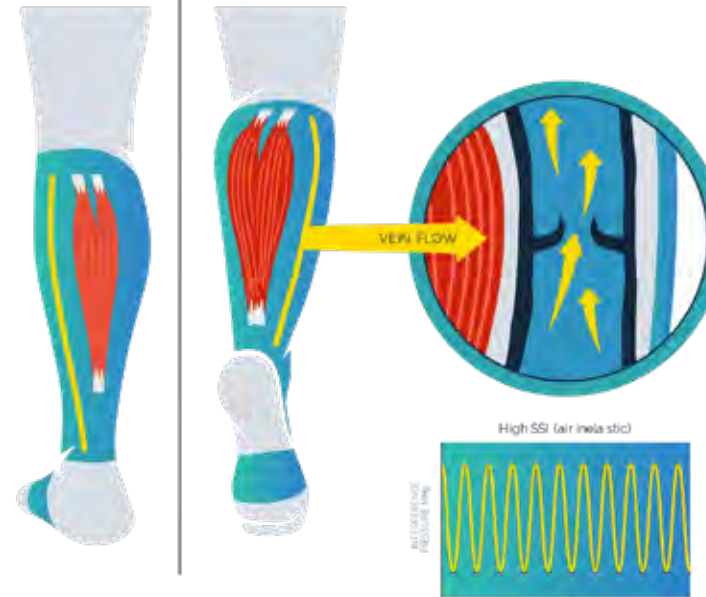
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## INELASTIC AIR COMPRESSION



STANDING PRESSURE

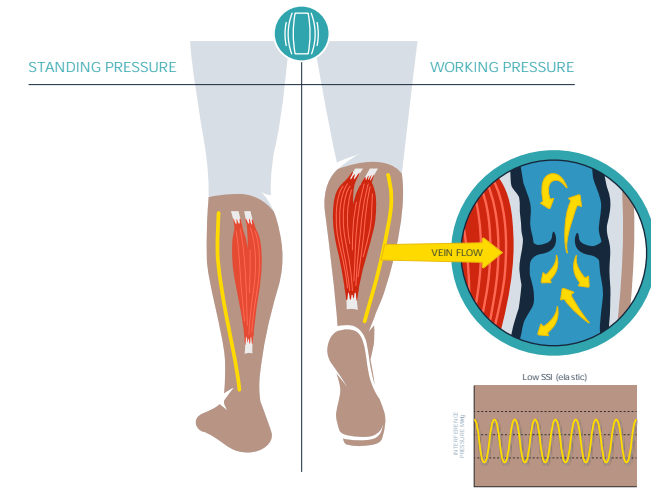
WORKING PRESSURE



Easier to Apply  
More Comfortable  
More Effective Venous Return

## Typical “stockings”

ELASTIC COMPRESSION



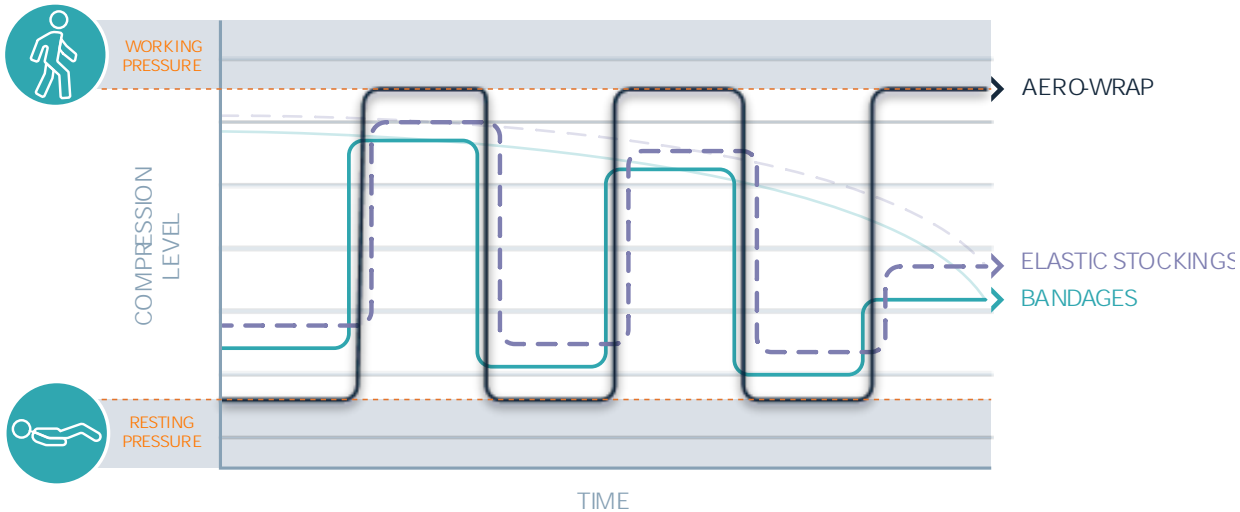
Difficult to Apply  
Pinching Feeling  
Less Effective Venous Return



# What Makes Us Different?



SUN SCIENTIFIC



## Prevent Compression Degradation with AeroGauge

- Maintains Compression with AeroGauge
  - Does not require skill:
    - Bandages
  - Does not require hand strength:
    - Stockings
    - Short-stretch Velcro wraps



# AeroBolster™



SUN SCIENTIFIC

aero bolster™  
FOAM

Air-filled wound dressings created to address the challenges of treating Venous Leg Ulcers



SKU: PFAB-S  
Size: 2" x 1.5"

SKU: PFAB-M  
Size: 4" x 3"

SKU: PFAB-L  
Size: 6" x 4"

SKU: PFAB-MC  
Size: Small  
4" x 1.5" Crescent

aero bolster™  
SV

Air-filled bolsters designed to provide compression along the Saphenous Vein

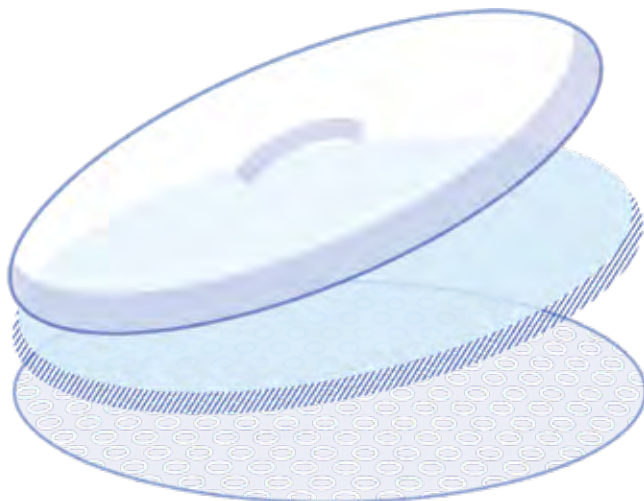


SKU: PFAB-SV-M  
Size: 10" x 3.5"

SKU: PFAB-SV-L  
Size: 13" x 3.5"

- Use under Aero-Wrap or traditional compression devices for improved localized compression.
- Different shapes and sizes for proper anatomical fit.

Pre-Inflated Air Bolster  
Built-in pre-filled air bladder increases local compression across the wound bed



Absorbant Foam Layer  
Open cell polyurethane foam for balanced absorption

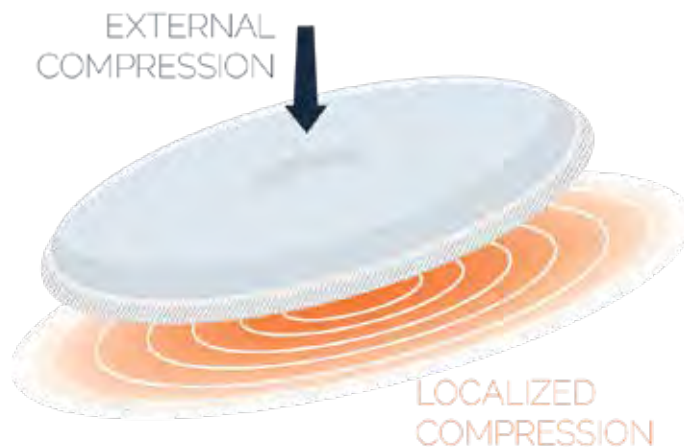
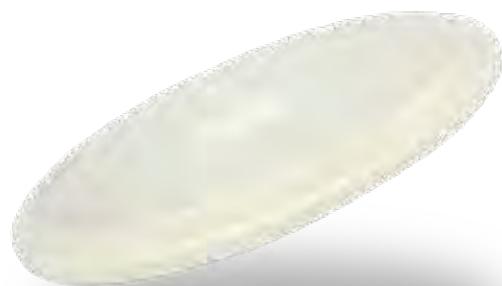
Gentle Self-Adhesion  
Siliconized contact layer for gentle self-adhesion and safe application and removal



Crescent shape for difficult to compress malleolar VLUs







### PROPRIETARY DESIGN

Dressings with Built-in Air Bolster increases local compression across the wound bed.

### MECHANICAL BOLSTER

Air Bolster increases mechanical stress at wound bed and improving compression in difficult to compress areas.

### OPTIMAL CONTACT

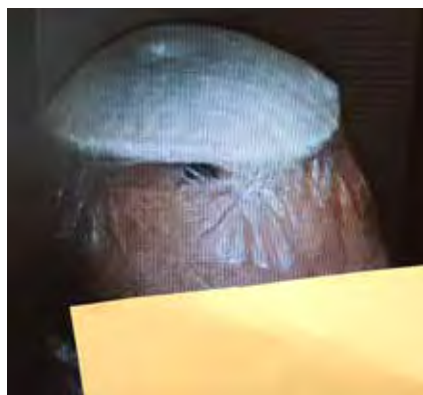
Open cell polyurethane foam for balanced absorption and silicone layer for safe application and removal.

### VERSITILE APPLICATIONS

- Wound Care · Post-Ablation Compression
- Split Thickness Skin Grafts · DFU Offloading

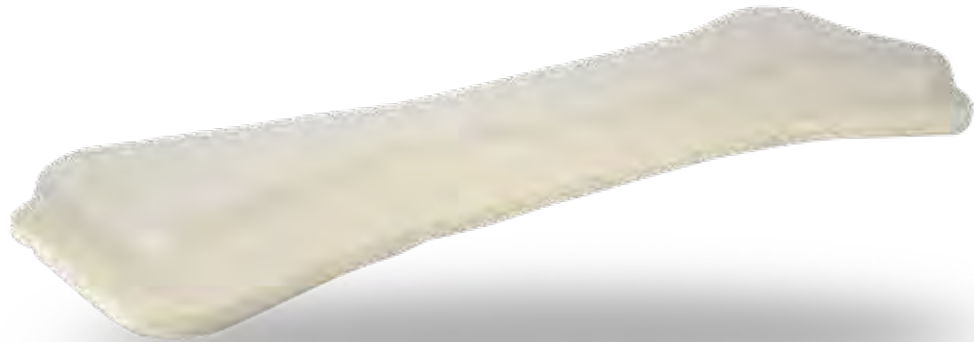


VLU Dressing



Split Thickness Skin Graft





**AeroBolster™ SV: Silicone Dressing with Air Bolster** is a wound dressing designed specifically to provide increased localized compression along the saphenous vein.

CAN BE USED FOLLOWING LASER RFMD, MOCA, AND VERATHENA INJECTION

