

# SMART COMPRESSION™ ADAPTS



## Kendall SCD™ 700 Compression System SMART COMPRESSION™

It's compression that thinks, that senses, that reacts. That provides each patient with an automated, customized compression cycle around the leg. Because a custom cycle time for patients means more time for you. Introducing SMART COMPRESSION™ cycles with vascular refill detection. Only available in the Kendall SCD™ 700 Compression System.

**AUTOMATED  
CUSTOM CYCLES**

**MAXIMIZED  
BLOOD FLOW**

**CLINICALLY PROVEN<sup>1,2</sup>**



# THE PROBLEM WITH CONVENTIONAL COMPRESSION CYCLES

## They apply the same cycle to all patients

Your patients are unique. They have different conditions, different vasculatures, and different venous refill times.

## Differences in venous refill time matter

When unique patient factors are not considered, the patient may receive a second cycle of compression long after the veins have refilled with blood.<sup>1</sup>

## They move blood at a lower volume per hour

By not timing a patient's unique vascular refill cycles, you're not moving as much blood as you can.<sup>2</sup>

# THE SMART COMPRESSION™ DIFFERENCE

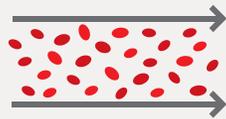
## PERSONALIZED THERAPY

Only SMART COMPRESSION™ has our proprietary vascular refill detection (VRD) which measures venous refill time and adjusts cycle times automatically. This proprietary technology:

Automatically customizes compression cycles for each patient



Moves 1.5x more blood per hour than a competitive device with fixed, uniform compression<sup>2\*</sup>



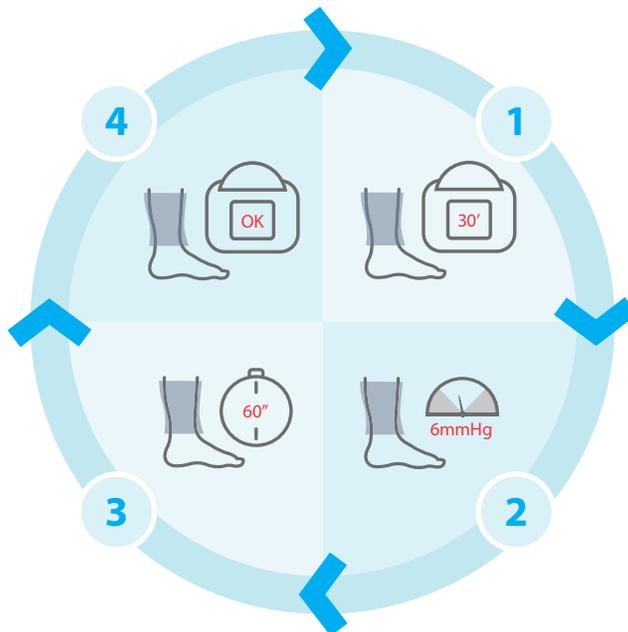
Adjusts accordingly when a patient's needs change over time



## HOW IT WORKS

Vascular refill time is calculated and set; and the sleeve deflates.

Pressure is held for up to 60 seconds to evaluate calf girth changes. When calf girth stops increasing, the leg veins have refilled completely.



Every 30 minutes, the controller checks venous refill time.

The sleeve deflates, holding pressure in the middle chamber of the calf.

1. Kakkos SK, Nicolaides AN, Griffin M, Geroulakos G. Comparison of two intermittent pneumatic compression systems: a hemodynamic study. *Int Angiol.* 2005;24(4):330-335.

2. Griffin M, Kakkos SK, Geroulakos G, Nicolaides AN. Comparison of three intermittent pneumatic compression systems in patients with varicose veins: a hemodynamic study. *Int Angiol.* 2007;26(2):158-164.

\*Competitive device was Flowtron® Universal ArjoHuntleigh