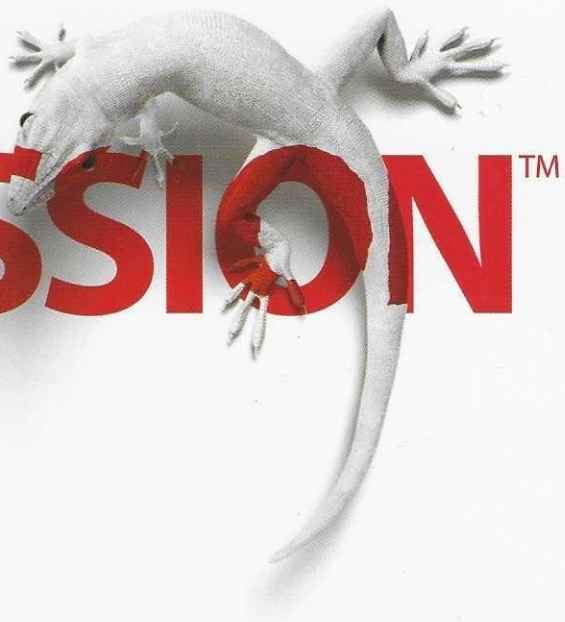
CardinalHealth™

SMART COMPRESSION™ ADAPTS



Kendall SCD™ 700 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 them 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[1,2]

✓ Smart Compression Cycles ✓ Smart Sleeve Design ✓ Smart Compliance ✓ Smart Training

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.[1]

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.[2]

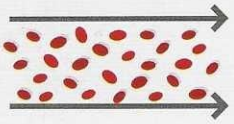
THE SMART COMPRESSION™ DIFFERENCE

PERSONALIZED THERAPY

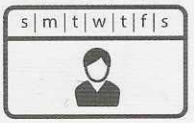
Only Smart Compression™ has our proprietary vascular refill detection (VRD) which measures venous refill time and adjusts cycle times automatically. This proprietary technology:

Automatically customizes compression cycles for each patient

Moves 100% more blood[2] per hour than devices with fixed, uniform compression

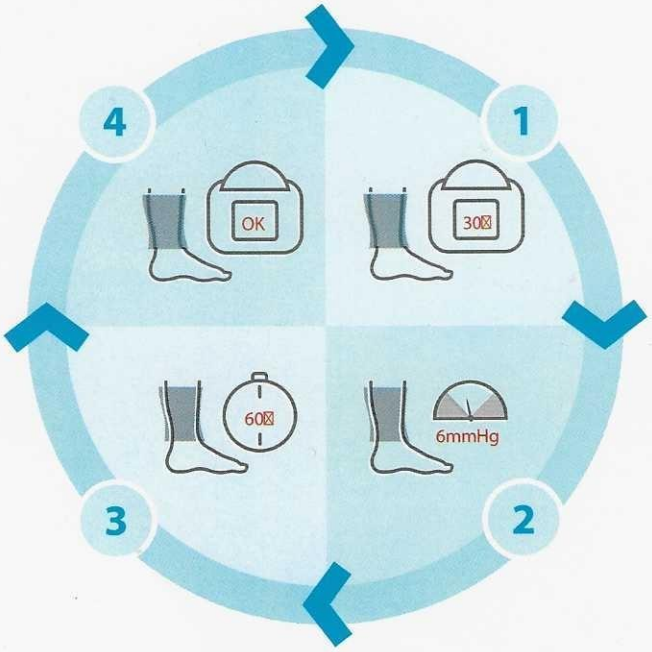


Adjusts accordingly when a patient's needs change over time



HOW IT WORKS

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



Every 30 minutes, the pump checks venous refill time.

Pressure is held for up to 60 seconds to evaluate calf girth changes. When calf girth stops increasing for 10 seconds, the leg veins have refilled completely.

The sleeve deflates, holding 6 mmHg of 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 Angiol2007;26(2):158-164.

Lit. No. 2PATR18-828274 (08/2018)

Learn more at cardinalhealth.com/getsmartcompression

Kendall SCD™ 700 SMART COMPRESSION™

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SMART COMPRESSION™ PROTECTS

Kendall SCD™ 700 SMART COMPRESSION™

Kendall SCD™ sleeves are circumferential. They're clinically proven to move more blood.[2] They provide positionally independent compression on all sides of the leg to reduce the risk of DVT and save nursing time. Because when compression goes around, confidence comes around. That's smart sleeve design, and it's available in the Kendall SCD™ 700 Compression System.

✓ Smart Sleeve Design ✓ Smart Compression Cycles ✓ Smart Compliance ✓ Smart Training

THE PROBLEM WITH CONVENTIONAL SLEEVE DESIGN

Single posterior bladders only compress the calf

Compressing this smaller surface area may not fully clear the valve cusps, which can lead to blood pooling and clot formation.[2]

May require nurse intervention to be effective

In a survey conducted by an outside firm, 63% of nurses said uniform sleeves needed to be repositioned somewhat often to ensure they are placed directly behind the calf.[3]

Functional limitations may result in higher DVT rates

Multiple clinical publication studies have shown DVT rates for uniform posterior were 7.2% compared to 2.4% with the Kendall SCD™ design.[2]

THE SMART COMPRESSION™ DIFFERENCE

CIRCUMFERENTIAL DESIGN

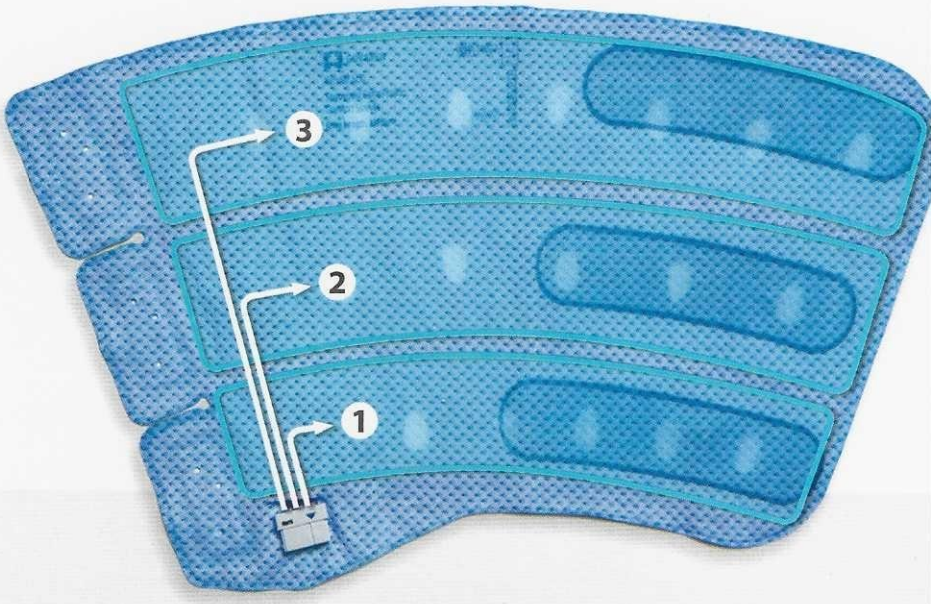
- Bladders extend to the end of each sleeve so that therapy is delivered at all points of contact
- Compresses a larger surface area,[4] clearing blood from behind the valve cusp where most DVTs form[5]
- Delivers therapy regardless of sleeve position, which may save nursing time

SEQUENTIAL INFLATION

- Three separate chambers inflate to squeeze the leg in a 'milking' action

GRADIENT PRESSURE PATTERNS

- Each chamber inflates at a different pressure to maximize blood flow



SUPERIOR HEMODYNAMICS

	Patient Customization	Blood Augmentation[1]	Volume of Blood Moved[1] (24 hr)
Kendall SCD™	**Vascular Refill Detection (VRD)**	**7.8 L/hr**	**140 L**
Aircast Venaflow®		3.3 L/hr	60 L
Huntleigh Flowtron®		5.2 L/hr	94 L

1. 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.
2. 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.
3. Internal survey available upon request.
4. Janssen H, Treviño C, Williams D. Hemodynamic alterations in venous blood flow produced by external pneumatic compression. J Cardiovasc Surg (Torino)1993;34(5):441-447.
5. Nicolaides AN, Fernandes e Fernandes J, Pollock AV. Intermittent sequential pneumatic compression of the legs in the prevention of venous stasis and postoperative deep venous thrombosis. Surgery.1980;87(1):69-76.

Lit. No. 2PATR18-828475 (08/2018)

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Kendall SCD™ 700 SMART COMPRESSION™

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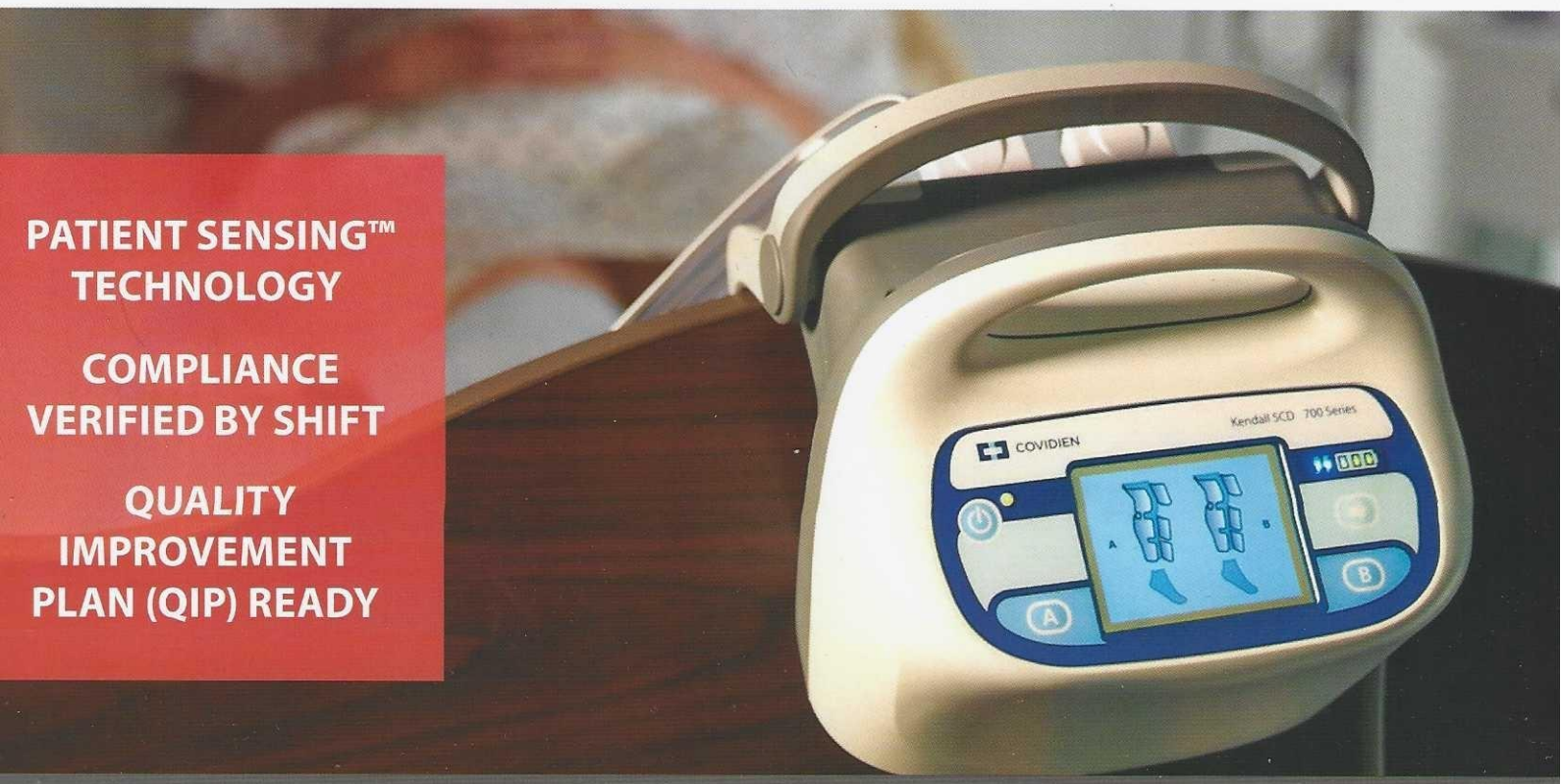
SMART COMPRESSION™ DETECTS

Kendall SCD™ 700 SMART COMPRESSION™

It's compression that's observant. That notifies you when a sleeve is removed. That shows true therapy delivery time, not just run time. Because when pumps monitor patients 24/7, you won't have to. That's smart compliance, and it's only available in the Kendall SCD™ 700 Compression System.



✓ Smart Compliance ✓ Smart Sleeve Design ✓ Smart Compression Cycles ✓ Smart Training

THE PROBLEM WITH CONVENTIONAL COMPLIANCE

Every hour counts

Relying on current pump timers may not be sufficient. A 2017 study found that 80% of patients had IPCs that were not being used,[1] despite the fact that CHEST guidelines recommend 18 hours of IPC therapy a day.

Patients may remove their sleeves

Patients require frequent checks to ensure sleeves are worn. Hospitals are challenged by technological limitations to ensure compliance and resort to time-consuming manual checks.[2]

Missed therapy leads to increased patient risk

A study showed that when compliance rose from 11.8 to 20 hours of therapy a day, DVT rates dropped by 63 percent.[3]

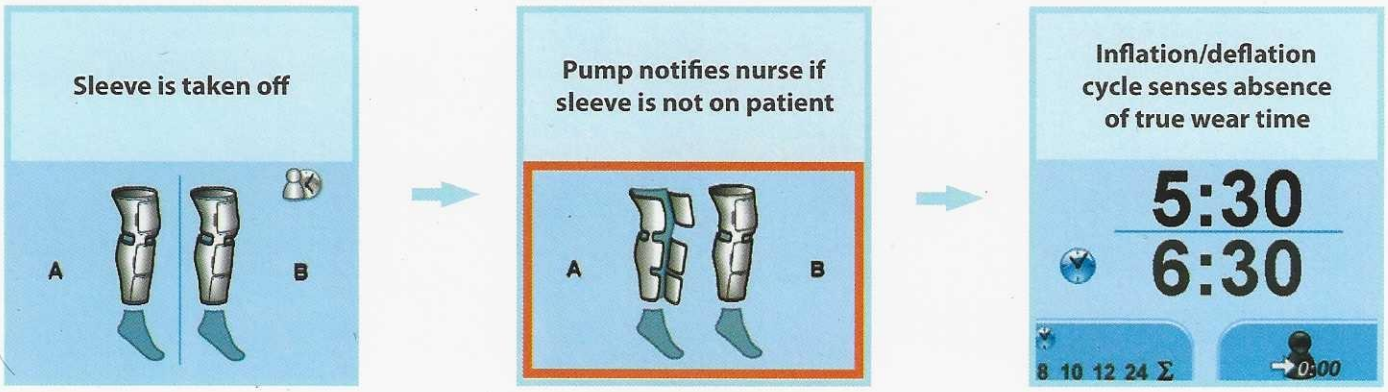
80% of patients had IPCs that were not being used[1]

THE SMART COMPRESSION™ DIFFERENCE

The Kendall SCD™ 700 Compression System takes the guesswork out of compression therapy. With it, patients get better care, and you get better peace of mind knowing therapy will be delivered!

A COMPLIANCE METER THAT WORKS WITH YOU

- It allows you to see the patient's true wear time by nursing shift
- It features Patient Sensing™ Technology, which alerts the nurse of removed sleeves
- It provides a measurement tool to support true compliance to therapy and QIP initiatives



1. Tarone D. Selected long abstracts from the St. Luke's University Health Network Quality Awards Program. Int J Acad Med. 2017;3:S176-S188.
2. Internal data available upon request.
3. Froimson MI, Murray TG, Fazekas AF. Venous thromboembolic disease reduction with a portable pneumatic compression device. J Arthroplasty. 2009;24(2):310-316.

Lit. No. 2PATR18-828337 (08/2018)

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