CardinalHealth
Essential to care™

The Kendall SCD™ system

KENDALL SCD™
Sequential Compression System
with Vascular Refill Detection

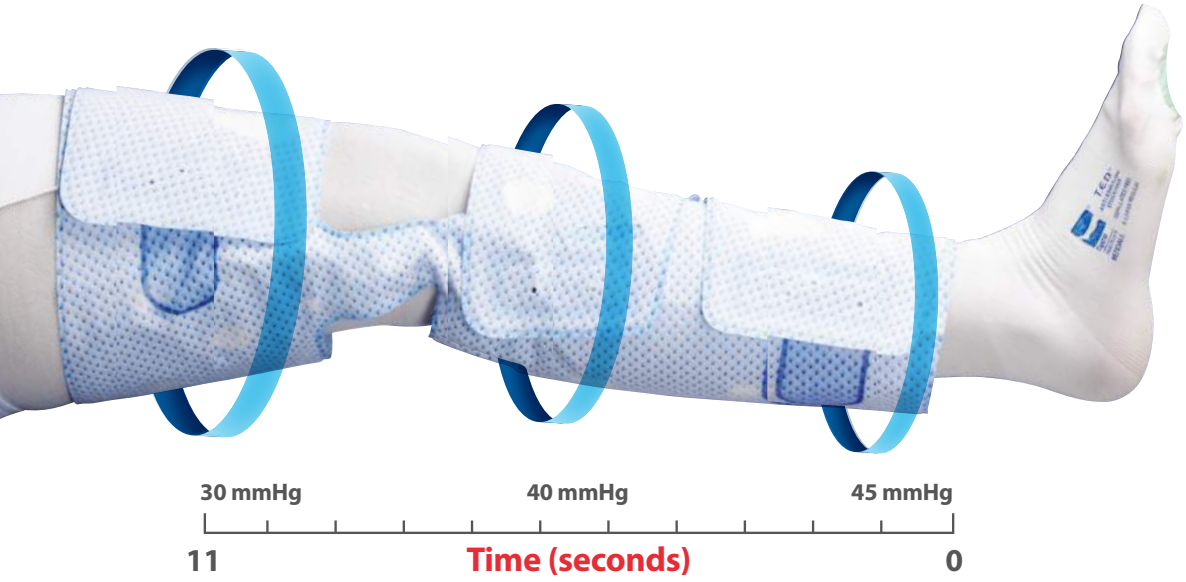
The Kendall SCD™ system is clinically proven to reduce the risk of both Deep Vein Thrombosis [3] (DVT) and Pulmonary Embolism [4] (PE), and to improve survival in stroke patients.[5]

Circumferential Compression

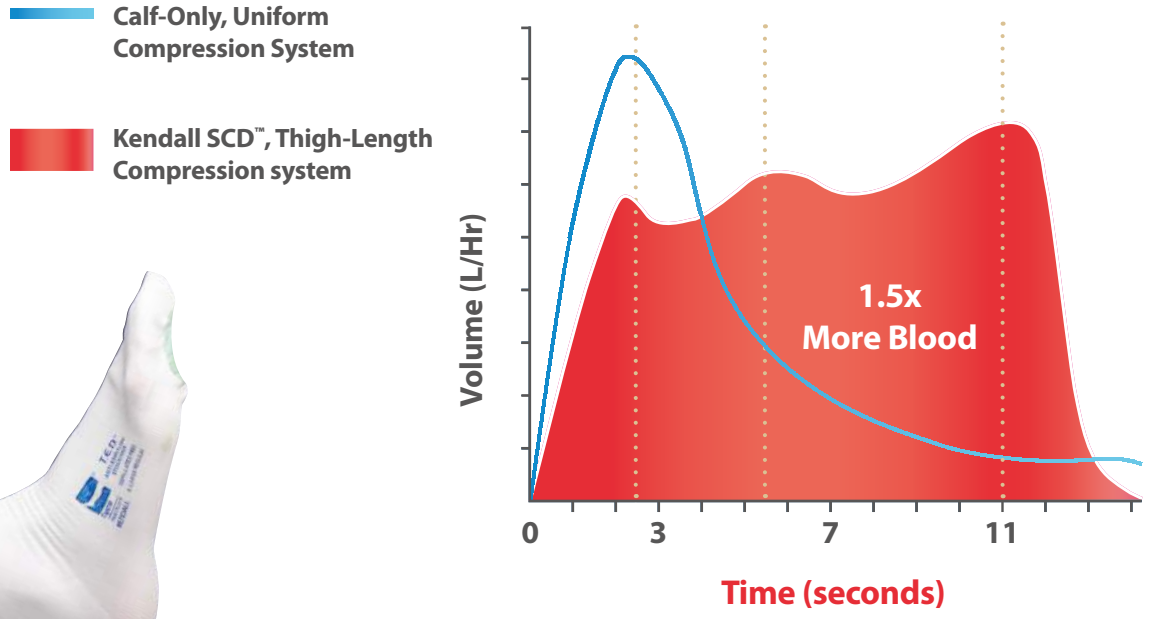
- Increases fibrinolytic activity [6]
- Rapidly empties the femoral veins [7]
- Fully collapses valve cusps, where fatal clots can form [8]

Sequential & Gradient Compression

- Maximises femoral blood flow velocity [8]
- Promotes unidirectional blood flow [1]
- Reduces the risk of distal blood trapping [9]



The Kendall SCD™ system provides sustained blood flow velocity, moving more blood over time.[10]

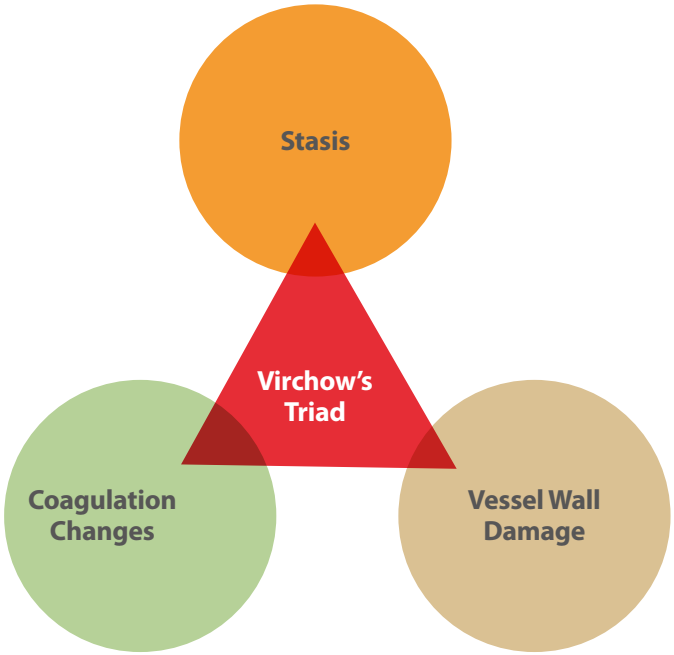


The efficacy of the Kendall SCD™ system is supported by nearly 100 clinical trials, covering almost all surgical specialties.

- Stroke
- Neurosurgery
- Trauma
- Cardiac
- Spinal
- Urological
- Abdominal
- Orthopaedics

The Kendall SCD™ system is effective in reducing the risk of DVT and PE by addressing two of three factors of Virchow's Triad: [5]

- Stasis by increasing blood flow
- Coagulation changes by stimulating fibrinolytic activity



Combining Intermittent Pneumatic Compression (IPC) with anticoagulants has been shown to optimise patient outcomes.[11]

Anticoagulants alone = 4.21% Overall DVT Rate

IPC + Anticoagulants = 0.65% Overall DVT Rate

The Kendall SCD™ system

Kendall SCD™ 700 Series Controller with Vascular Refill Detection

The Kendall SCD™ 700 Series Controller is a compact, lightweight, easy-to-use, all-in-one controller designed to improve functionality and maximise convenience.

- **Animated error code resolution**
- **Adjustable bed hook**
- **Battery for improved portability**
- **Graphic user interface**
- **Vascular refill detection**
- **IPX3 rating**
- **Therapy meter**
- **Detection mode**

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Vascular refill detection

The Kendall SCD™ system is incorporated with Vascular Refill Detection (VRD), a proprietary technology that customises compression for each patient, moving more blood over time.[1]

Clinical evidence

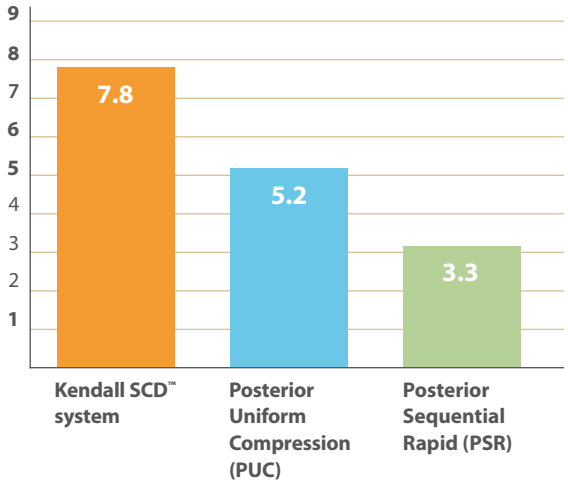
A 2007 study compared the haemodynamic performances of three different IPC devices:[2]

- Kendall SCD™ system
- Uniform, posterior system with fixed
- compression cycle (PUC)
- Posterior, sequential, rapid inflation device with fixed compression cycle (PSR)

The results confirmed that the Kendall SCD™ system:

- Moved more blood per hour;
- Increased the volume of blood per compression cycle;
- Achieved more compression cycles over time.

Volume of Blood Moved (L/Hr) - Griffin Study[2]



The Kendall SCD™ system measures the time it takes for a patient's veins to refill with blood after being compressed. The frequency of compression cycles is based on the patient's venous refill time (20 to 60 seconds), which is re-calculated automatically every 30 minutes.

Clinical References:

1. Kakkos S et al. Comparison of two intermittent pneumatic compression systems: a haemodynamic study. Intl Angiology 2005 Dec; 24(4):330-5.
2. Griffin M et al. Comparison of three intermittent pneumatic compression systems in patients with varicose veins: a haemodynamic study. Int Angiol 2007 Jun;26:158-64.
3. Lacut K et al. Prevention of venous thrombosis in patients with acute intracerebral haemorrhage. Neurology. 2005 Sep 27;65(6):865-9.
4. Ramos R et al. The efficacy of pneumatic compression stockings in the prevention of pulmonary embolism after cardiac surgery. CHEST. 1996 Jan; 109:82-5.
5. Dennis MS, et al. Effectiveness of intermittent pneumatic compression in reduction of risk of deep vein thrombosis in patients who have had a stroke (CLOTS 3): a multicentre randomised controlled trial. The Lancet. Published online: 31 May, 2013.
6. Jacobs D et al. Haemodynamic and fibrinolytic consequences of intermittent pneumatic compression: preliminary results. J Trauma May 1996; 40(5):710-7.
7. Mittelman L et al. Effectiveness of leg compression in preventing venous stasis. Amer J Surg 1982; 144:611-3.
8. Nicolaides A et al. Intermittent sequential pneumatic compression of the legs in the prevention of venous stasis and postoperative deep venous thrombosis. SURGERY 1980; 87:69-76.
9. Abu-Own A et al. Assessment of intermittent pneumatic compression by strain-gauge plethysmography. PHLEBOLOGY 1993; 8:68-71.
10. Janssen H et al. Haemodynamic alterations in venous blood flow produced by external pneumatic compression. J Cardiovasc Surg 1993; 34:441-7.
11. Kakkos S et al. Combined intermittent pneumatic leg compression and pharmacological prophylaxis for prevention of venous thromboembolism in high-risk patients. Cochrane Database Syst Rev. 2008 Oct 8;(4):CD005258. Oct 8;(4):CD005258.

Kendall SCD™ Sequential Compression System

Kendall SCD™ Comfort System

Kendall SCD™ Comfort Sleeve

Item Code	Description/Size	Quantity/Case
74021	Knee Length Small	5 pairs
74022	Knee Length Medium	5 pairs
74023	Knee Length Large	5 pairs
74010	Thigh Length X-Small	5 pairs
74011	Thigh Length Small	5 pairs
74012	Thigh Length Medium	5 pairs
74013	Thigh Length Large	3 pairs

Kendall SCD™ Comfort Tear-Away Sleeves

Item Code	Description/Size	Quantity/Case
74041	Thigh Length Small	5 pairs
74042	Thigh Length Medium	5 pairs
74043	Thigh Length Large	3 pairs

Kendall SCD™ Express System

Kendall SCD™ Express Sleeves

Item Code	Description/Size	Quantity/Case
73022	Knee Length Medium	5 pairs
73023	Knee Length Large	5 pairs
9790	Knee Length X-Large	5 pairs
73011	Thigh Length Small	5 pairs
73012	Thigh Length Medium	5 pairs
73013	Thigh Length Large	3 pairs

Kendall SCD™ Express Tear-Away Sleeves

Item Code	Description/Size	Quantity/Case
73041	Thigh Length Small	5 pairs
73042	Thigh Length Medium	5 pairs
73043	Thigh Length Large	3 pairs

Kendall SCD™ System

Kendall SCD™ Controller & Tubing

Item Code	Description	Quantity/Case
295250	SCD 700 Series Controller - EU	1
295251	SCD 700 Series Controller - UK	1
9528	SCD Tubing Set	1

Kendall SCD™ Express Sterile Sleeve

Item Code	Size	Quantity/Case
9736	Medium	5 singles

Kendall SCD™ Express Foot Cuff

Item Code	Size	Quantity/Case
73032	Regular	10 singles
73033	Large	10 singles