

SCD EXPRESS™

Sequential Compression System
for DVT Prophylaxis



tyco

Healthcare

SCD EXPRESS™

The all-in-one SCD EXPRESS

Compression System

provides uninterrupted DVT

Prophylaxis; wherever you

may need to take

the patient.

That's DVT Prevention.

On Time. Anywhere.™

Full Transportability

Innovative design allows battery or mains operation without interruption to therapy.

- Integrated lithium ion battery and hospital-grade power cord.
- Battery supplies up to 8 hours of uninterrupted compression.
- Easy to transport with a small footprint and light-weight design.
- Ergonomic handle and integrated versatile bed mount.
- Inclusive Power Indicator displays power source.

"50% of deep vein thromboses (DVT) begin intraoperatively, with the highest incidence occurring during surgery and on the first postoperative day, and 75% of DVT develop within the first 48 hours after surgery."¹



All-in-one controller

- Delivers compression to any combination of leg sleeves and foot cuffs.
- Automatically detects type of patient garment and adjusts compression parameters accordingly.

DVT Prophylaxis without interruption.

Vascular Refill Detection

Maximises blood flow and minimizes stasis.

- Periodically re-evaluates each patient's vascular refill time and automatically adjusts for changes in body position.
- Customises compression cycle to patient vascular refill time, ensuring effective blood flow from the lower extremities.
- Adjusts level and frequency of compression without nursing intervention.



Unique KAMBIA™ Sleeve

The new SCD EXPRESS™ KAMBIA™ Sleeve truly is “all in one.”

Unique TEAR-AWAY™ design allows easy conversion from thigh length to knee length in just seconds.

- Thigh Length delivers clinically-proven proximal DVT protection during highest-risk periods.
- Conversion to Knee Length improves compliance and comfort during lower-risk periods.



“Pulmonary emboli generally arise from proximal thromboses; femoral DVTs are responsible for 75% of fatal emboli.”¹

¹ O'Meara PM and Kaufman EE. Prophylaxis for Venous Thromboembolism in Total Hip Arthroplasty: A Review; ORTHOPEDICS, February 1990; 13: 173-178.

Clinical Evidence

Proven DVT Reduction Through Published Peer Reviewed Clinical Studies.

Date/Author Journal	Patient Group	End Point	Diagnostic	Control Group Incidence Rate	SCD Group Incidence Rate	†Risk Reduction %	Comments
1980 — Nicolaidis et al. Surg Vol. 87	Gen. Surg.	Proximal DVT	I-125	12/166 (7%) Calf Length Uniform	4/166 (2%)	71%	
1982 — Hartman et al. J Bone Joint Surg	Total Hip	DVT	Doppler Venography I-125	10/52 (19%) Leg Elevation	1/52 (2%) T.E.D. [™] Leg Elevation	89%	
1983 — Borow et al. AM Surg	Various Surgery	DVT	I-125 IPG, Doppler Venography	15/56 (27%)	2/63 (3%) Heparin	89%	
1983 — Caprini et al. Surg Gynecol Obstet	Gen. Surg.	DVT/PE	I-125 Doppler Venography	5/39 (13%) T.E.D.	2/38 (5%) T.E.D.	62%	
1983 — Nicolaidis et al. Surgery Vol. 99	Abdominal Surgery	DVT	I-125	12/50 (24%) ECS 7/50 (14%) LDH	3/50 (6%) T.E.D.	75% 57%	Elec. Calf Stimulation Low Dose Heparin
1987 — Scurr et al. Surgery Vol. 102	Gen. Surg.	DVT	I-125 Doppler Venography	7/78 (9%) SCD [™] Alone	1/78 (1%) T.E.D.	89%	
1989 — Turpie et al. Arch Intern Med	Neurosurgery	DVT	I-125 IPG Venography	16/81 (20%)	7/78 (9%) T.E.D.	55%	
1990 — Haas et al. J Bone Joint Surg (AM)	Total Knee	DVT	Venography	Unilateral 17/36 (47%) Bilateral 15/22 (68%) Aspirin	8/36 (22%) 12/25 (48%)	53% 29%	
1990 — Lynch et al. Clin Orthop	Total Knee	DVT	Venography	51/255 (20%) CPM	31/307 (10%) CPM	50%	
1991 — Bailey et al. J. Arthroplasty	Total Hip	DVT	Venography	12/45 (27%) T.E.D./LDW	3/50 (6%) T.E.D.	78%	
1991 — Hansberry et al. J Urol	Uro. Surg.	DVT/PE	Platelet Imaging	3/25 (12%) Heparin + DHE	4/24 (16%)	No Difference	
1991 Woolson et al. J Bone Joint Surg (AM)	Total Hip	Proximal DVT	Venography Duplex	7/72 (10%) SCD/T.E.D. + Aspirin 6/69 (9%) SCD/T.E.D. + LDW	9/76 (12%) T.E.D.	No Difference	No Risk Reduction Associated with Addition of Either Drug
1992 — Knudson et al. J Trauma	Trauma	DVT/PE	Duplex Lung Scan	3/37 (8%) LDH	9/76 (12%) T.E.D.	No Difference	
1994 — Knudson II et al. J Trauma	Neuro-Trauma	DVT	Duplex	5/34 (15%)	0/26 (0%) T.E.D.	100%	
1994 — Lieberman et al. J Bone Joint Surg (AM)	Total Hip	DVT	Venography	9/126 (7%) T.E.D./Aspirin	7/124 (6%) Aspirin/T.E.D.	No Difference	Hypotensive Anesthesia
1996 — Woolson et al. J Bone Joint Surg (AM)	Total Hip	DVT	Duplex		(6%) 20/322 Proximal DVT		
1996 — Ramos et al. CHEST	Cardiac	PE	Venascan	(4%) 48/1,372	(1.5%) 21/1,412	62% reduction in PE	
1998 — Woolson et al. Amer. J. of Orthopedics	Total Knee	DVT	Duplex		(5%) 19/337 Proximal DVT		
1999 — Hooker et al. J Bone Joint Surg (AM)	Total Hip	DVT	Duplex		(3.8%) 19/502 Proximal DVT		

†Risk reduction % refers to the difference between the control and treatment groups within the referenced study. References on file at Tyco Healthcare/Kendall.

Ordering Information

Code	Description	Qty / Case
SCD EXPRESS Sleeves		
73022	SCD EXPRESS Knee Length Sleeve - Medium	5 pairs
73023	SCD EXPRESS Knee Length Sleeve - Large	5 pairs
73011	SCD EXPRESS Thigh Length Sleeve - Small	5 pairs
73012	SCD EXPRESS Thigh Length Sleeve - Medium	5 pairs
73013	SCD EXPRESS Thigh Length Sleeve - Large	3 pairs
SCD EXPRESS - KAMBIA Sleeves		
73042	SCD EXPRESS - KAMBIA Thigh Length Sleeve - Medium	5 pairs

Code	Description	Qty / Case
SCD EXPRESS Foot Cuff		
73032	SCD EXPRESS Foot Cuff - Regular	10 singles
73033	SCD EXPRESS Foot Cuff - Large	10 singles
SCD EXPRESS Controller & Tubing		
95250	SCD EXPRESS Compression System Controller - EU	1
95251	SCD EXPRESS Compression System Controller - UK	1
9528	SCD EXPRESS Compression System Tubing Set	1
9918	SCD EXPRESS Compression System Tubing Set (for SCD SEQUEL [™] & SCD RESPONSE [™])	1
9595	SCD EXPRESS Compression System Tubing Set (Ambulatory Extension)	1
9995	SCD EXPRESS Compression System Tubing Set (Compatible Extension)	1

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M-VT-SCDExpress/GB



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