

Indication	Surgery (non-Ortho)	Stroke	THA Surgery	TKA Surgery	F&A Surgery	ICU
VTE	Wong ¹ (Gastric – case study) Fawzy ² (Obstetrics poster)	Natarajan ³ (Paper) Sethuraman ⁴ (Poster) Rose ⁵ (Poster) Austin ⁶ (Poster) Roffe ⁷ (Paper)	Jingwei ⁸ (Paper) Wainwright ⁹ (RCT)	Yilmaz ¹⁰ (Paper)		Manchester ¹¹ (UK pilot study) De Sauser ¹² (US Poster Neuro)
Oedema			Wainwright ¹³ (RCT)	Van Overschelde, MOVEUP study ¹⁴ (Data on file) Mahmood ¹⁵ (Study) F&A study ¹⁶ (RCT)	Forefoot ¹⁷ (RCT sub-analysis paper)	
Surgical site healing					F&A study (RCT) ¹⁸	
Pain			Jingwei ¹⁹ (Paper)	Van Overschelde, MOVEUP study ²⁰ (Data on file)	Zhou ²¹ (Paper) F&A study ²² (RCT)	

Reference	Author(s)	Full publication title	Link
1	Wong	The role of the geko™ device to prevent Deep Vein Thrombosis (DVT) on a patient undergoing rehabilitation on the gastro-intestinal ward	https://www.gekodevices.com/wp-content/uploads/2020/11/The-role-of-thegeko™-device-to-prevent-Deep-Vein-Thrombosis-DVT-on-a-patient-undergoing-rehabilitation-on-the-gastro-intestinal-ward-FINAL.pdf
2	Fawzy	Further update on the role of geko™ in reducing the risk of venous thromboembolism (VTE) in Obstetrics	https://www.gekodevices.com/wp-content/uploads/2020/08/Obstetrics-Poster_-DIGITAL-2.pdf
3	Natarajan	Can neuromuscular electrostimulation fulfil an unmet need for mechanical thromboprophylaxis in acute stroke patients? A real-world retrospective analysis	https://www.medrxiv.org/content/10.1101/2025.06.10.25329340v1.full
4	Sethuraman	The use of the geko™ device for the prevention of venous thromboembolism in patients with acute stroke at The Luton & Dunstable University Hospital (L&D)	https://www.gekodevices.com/wp-content/uploads/2020/12/Poster---VTE-prevention-LD.pdf
5	Rose	Acute Stroke Hospitalization and Deep Vein Thrombosis Prophylaxis: Gaps in Care and the Unmet Need	https://www.gekodevices.com/wp-content/uploads/2024/09/ANA-poster-Unmet-Need-DVT-Prophylaxis-in-Stroke.pdf
6	Austin	Introduction of the geko™ device at North Bristol Trust UK	https://www.gekodevices.com/wp-content/uploads/2023/03/Poster-Introduction-of-the-geko™-device-at-North-Bristol-Trust-UK.pdf
7	Roffe	The use of the geko™ device and the activation of the foot and calf pumps for prevention of venous thromboembolism in patients with acute stroke (1000 patients)	https://www.gekodevices.com/wp-content/uploads/2020/06/VTE-Prevention-Stroke---Royal-Stroke-Poster-1000-Patients-1.pdf

Reference	Author(s)	Full publication title	Link
8	Jingwei	Clinical observation of neuromuscular electrical stimulation in prevention of deep venous thrombosis after total hip replacement	https://www.gekocodevices.com/wp-content/uploads/2018/07/Jingwei-Chin-JBone-Joint-Injury-Jun-2017-Vol-32-No.-6.pdf
9	Wainwright RCT	A feasibility randomised controlled trial to evaluate the effectiveness of a novel neuromuscular electro-stimulation device in preventing the formation of oedema following total hip replacement surgery (Paper)	https://www.sciencedirect.com/science/article/pii/S2405844018307837
10	Yilmaz	Potential role of electrostimulation in the augmentation of venous blood flow after total knee replacement: A pilot study	https://pubmed.ncbi.nlm.nih.gov/25852131/
11	Manchester	Contact Lightly Medical for PDF	
12	De Sauser	Contact Lightly Medical for PDF	
13	Wainwright (RCT)	A feasibility randomised controlled trial to evaluate the effectiveness of a novel neuromuscular electro-stimulation device in preventing the formation of oedema following total hip replacement surgery (Paper)	https://www.sciencedirect.com/science/article/pii/S2405844018307837
14	Van Overschelde, MOVEUP study (Data on file)	Move Up Trial	Data On File
15	Mahmood (Study)	The geko™ Neuromuscular Electrostimulation Device Reduces Pre-Operative Oedema and Accelerates Readiness to Theatre in Patients Requiring Open Reduction Internal Fixation for Ankle Fracture	https://journals.lww.com/techfootankle/abstract/2020/12000/neuromuscular_electrostimulation_device_reduces.7.aspx
16	F&A study (RCT)	Activation of the Venous Muscle Pump by Neuromuscular Stimulation of the Common Peroneal Nerve Reduces Postoperative Edema in the Foot and Ankle	https://www.medrxiv.org/content/10.1101/2025.05.20.25327913v1
17	Forefoot (RCT sub-analysis paper)	Forefoot (RCT sub-analysis paper)	Data On File
18	F&A study (RCT)	Activation of the Venous Muscle Pump by Neuromuscular Stimulation of the Common Peroneal Nerve Reduces Postoperative Edema in the Foot and Ankle	https://www.medrxiv.org/content/10.1101/2025.05.20.25327913v1
19	Jingwei (Paper)	Clinical observation of neuromuscular electrical stimulation in prevention of deep venous thrombosis after total hip replacement	https://www.gekocodevices.com/wp-content/uploads/2018/07/Jingwei-Chin-JBone-Joint-Injury-Jun-2017-Vol-32-No.-6.pdf
20	Van Overschelde, MOVEUP study (Data on file)	Move Up Trial	Data On File
21	Zhou (Paper)	Impact of Geko Neuromuscular Stimulator on Preoperative Preparation in Ankle Fractures	https://www.gekocodevices.com/wp-content/uploads/2024/07/Impact-of-Geko-Neuromuscular-Stimulator-on-Preoperative-Preparation-in-Ankle-Fractures.pdf
22	F&A study (RCT)	Activation of the Venous Muscle Pump by Neuromuscular Stimulation of the Common Peroneal Nerve Reduces Postoperative Edema in the Foot and Ankle	https://www.medrxiv.org/content/10.1101/2025.05.20.25327913v1



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