

Improving clinical outcomes

Our research program supports a global network of sponsored and investigator-led studies. Through local partnerships we work with clinicians to overcome challenges that are recognised worldwide. Together we identify clinical needs and translate these into cutting-edge products and evidence-based therapies to simplify treatments for clinicians and improve patient outcomes.

About the geko™ device

Through our innovative mechanism of non-invasive neuromuscular electrostimulation, we have developed the proprietary technology platform, OnPulse™, embedded in our industry-leading brand, the geko™ device.

Our range of geko™ products are wearable therapy devices tailored to different clinical applications. Clinical applications of interest include prevention of venous thrombosis, the prevention and treatment of oedema and wound healing.

The size of a wrist watch and worn at the knee, the easy-to-use geko™ device gently stimulates the common peroneal nerve activating the calf and foot muscle pumps, increasing venous, arterial and microcirculatory blood flow^{1,2,3}.

Clinically proven to increase blood flow in the deep veins of the calf⁴, the blood flow increase is equal to 60%⁵ of walking without a patient having to move.

The battery powered geko™ device:

- Has no wires or leads
- Weighs just 10g
- Is quick and easy to fit
- Silent in operation

References

1. Tucker AT et al. Int J Angiol. 2010 Spring; 19 (1): e31-37
2. Williams KJ et al. Phlebology. 2015 Jun; 30(5): 365-72
3. Jawad H et al. 2014 Journal Vasc Surg. Vol 2: 160-65
4. Nicolaides A, Griffin M. Measurement of blood flow in the deep veins of the lower limb using the geko™ neuromuscular electro-stimulation device. Journal of International Angiology August 2016-04
5. Tucker A, Maass A, Bain D, Chen LH, Azzam M, Dawson H, et al. Augmentation of venous, arterial and microvascular blood supply in the leg by isometric neuromuscular stimulation via the peroneal nerve. The International journal of angiology; official publication of the International College of Angiology. Inc. 2010 Spring; 19(1) e-31-7

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Advocate Support

Helping you put proven geko™ therapies into clinical practice



www.gekodevices.com

Partnership is who we are

We are committed to partnering with healthcare professionals to solve challenging medical problems.

Advocate support process:

Our programme of advocate support provides practical help for all stages of the geko™ evaluation-to-purchase process – from initial patient tolerance validation, through to geko™ adoption into clinical practice.

Evidence presentation



Review geko™ clinical & health economic data:

- VTE prevention acute stroke
- Pre-operative oedema reduction ankle fracture (ORIF)
- Post-operative oedema reduction hip replacement

Product validation



Support provided:

- Protocol development assistance
- Sample product (subsidised)
- Feedback questionnaire to report patient tolerance (paper and electronic format)*
- RCN accredited user training for clinical audit team

Eligible evaluations:

- On-label use
- Pre-agreed target patient group

* Post market surveillance questionnaire.

Validation measurement

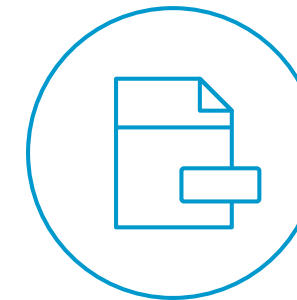


Patient tolerance feedback process:

- Data captured into an on-line tool, with data output into graphical report (to support the case for purchase)
- Case study write-up assistance, and support to submit the case study or abstract to congress (funds available for this)* – see Communications

* As allowed under local laws and regulations, and according to Firstkind Code of Conduct.

Business case



Making the case for purchase:

- Payer Communication Tool (PCT), pre-populated with clinical and health economic data and for DVT prevention and oedema reduction
- Tool allows input of local patient numbers and costs, and data output into a business case template. Includes a currency converter
- Stakeholder support for the procurement process
- RCN user training for ward staff
- Prescription chart update

Communications



Public relations:

- Support provided to present case study/abstract at congress (funds available for this*)
- Poster creative design
- PR (Local, national & selected media)
- Clinical partner featured on Firstkind's website
- Share clinical findings with other trusts / hospitals to demonstrate clinical benefits

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