

## Pre-operative oedema reduction

Accelerating readiness for surgery in ankle fracture patients requiring Open Reduction Internal Fixation (ORIF).

A prospective and retrospective study investigated the use of the geko<sup>TM</sup> device to reduce pre-operative oedema in ankle fracture patients and compared the results to the current standards of care.

The study data was statistically significant:  $p=0.0016$ .  
The geko<sup>TM</sup> device was well tolerated and easy to use.

[Link to data](#)

The geko<sup>TM</sup> Neuromuscular Electrostimulation Device Reduces Pre-Operative Oedema and Accelerates Readiness for Theatre in Patients Requiring Open Reduction Internal Fixation for Acute Ankle Fracture.

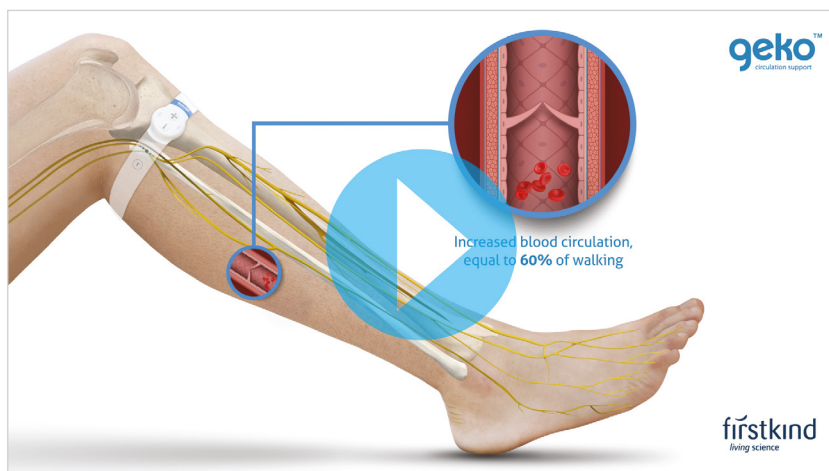
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2 days improvement in readiness for surgery on average per patient.

£569

Backslab plaster cast + geko<sup>TM</sup> saves an average of £569 per patient compared to current standard of care.

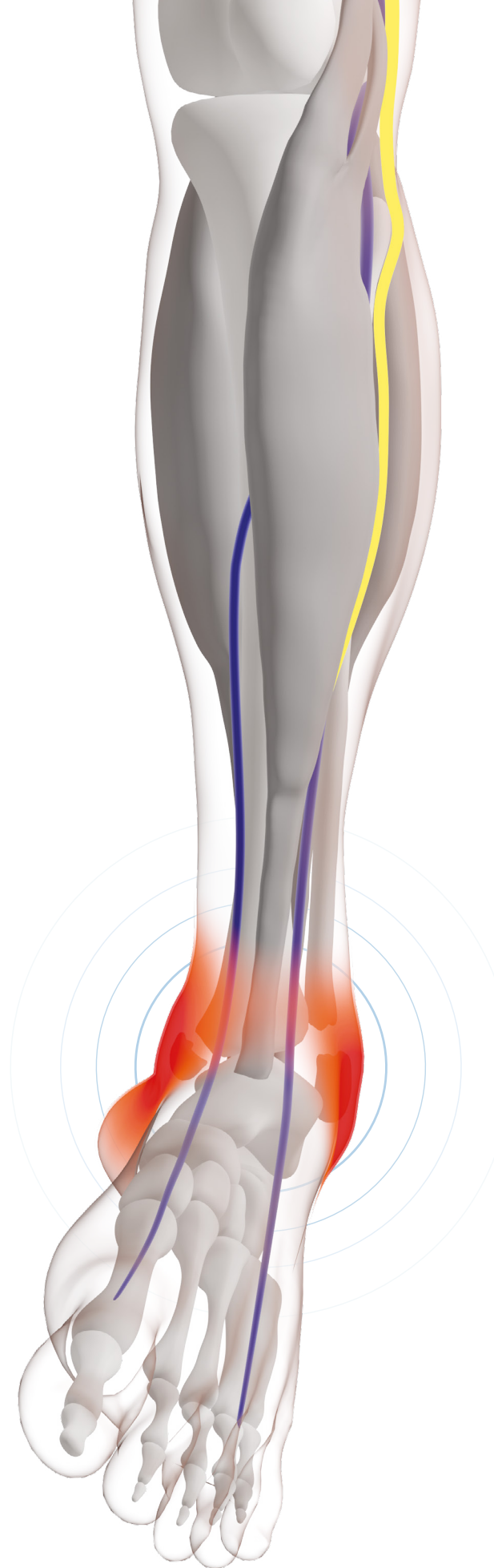
### Mechanism of action animation video:



[www.gekodevices.com](http://www.gekodevices.com)

Reference:  
1. Mahmood et al. The geko<sup>TM</sup> Neuromuscular Electrostimulation Device Reduces Pre-Operative Oedema and Accelerates Readiness of Theatre in Patients Requiring Open Reduction Internal Fixation for Acute Ankle Fracture.

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