

Pre-operative edema 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 gekoTM device to reduce pre-operative edema in ankle fracture patients and compared the results to the current standards of care.

The study data was statistically significant: $p=0.0016$.

The gekoTM device was well tolerated and easy to use.

[Link to data](#)

The gekoTM Muscle Pump Activator Device Reduces Pre-Operative Edema and Accelerates Readiness for Surgery in Patients Requiring Open Reduction Internal Fixation for Acute Ankle Fracture.

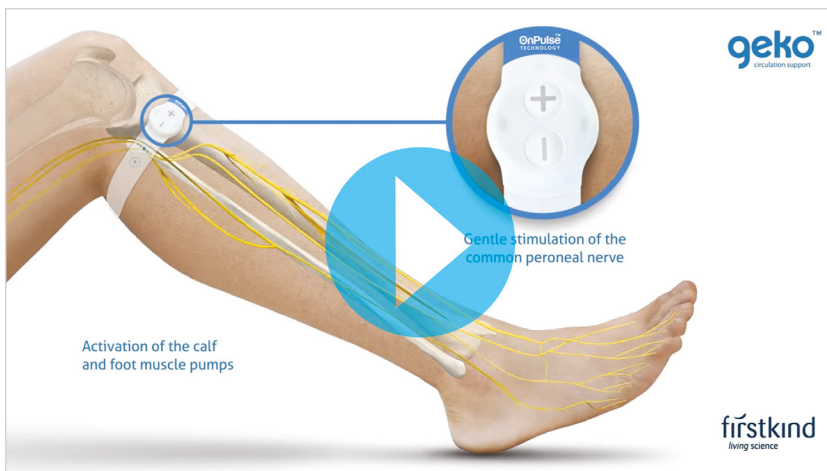
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2 days improvement in readiness for surgery on average per patient.

122%

With gekoTM device use, 60% of patients were ready for surgery in 2 days, compared to 27% in control arm, a 122% improvement.

Mechanism of action:



www.gekodevices.com

info@perfusemedtec.com

Reference:

1. Mahmood et al. The gekoTM Neuromuscular Electrostimulation Device Reduces Pre-Operative Edema and Accelerates Readiness of Theatre in Patients Requiring Open Reduction Internal Fixation for Acute Ankle Fracture.

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