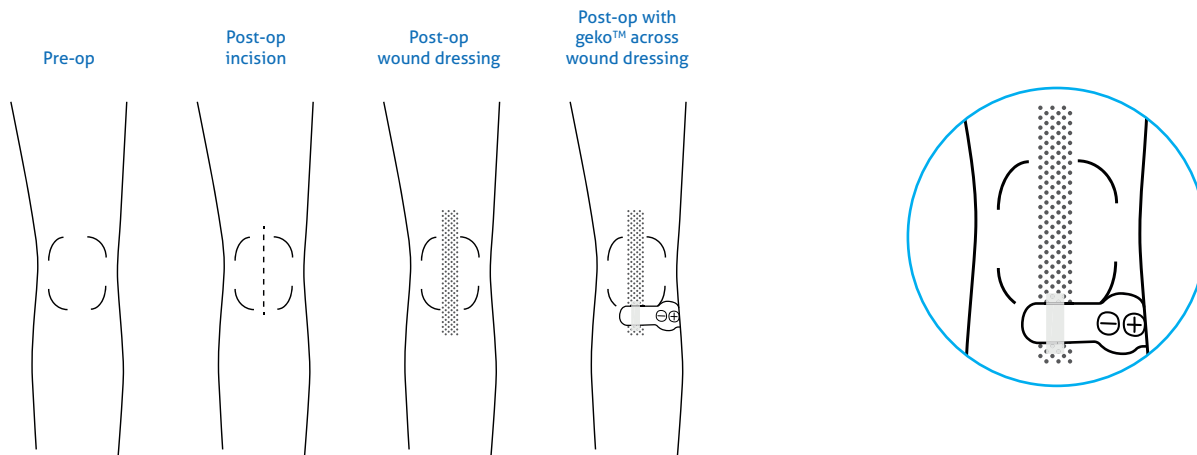


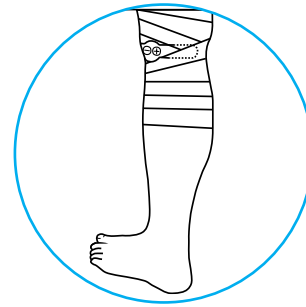
# The geko™ device – Application guidance

## Oedema management – following total or partial knee replacement surgery

- Apply the geko™ device immediately after surgery – to the operated leg.
- The short tail electrode that is placed across the knee wound dressing, may need securing with tape.



- Bandage the knee allowing access to the head of the geko™ device to switch it on and off and to change stimulation settings.



- Depending on the degree of oedema, full dorsiflexion may not be possible in the immediate post-operative period.
- A visible dorsiflexion (visible upwards and outwards movement of the foot) is required to achieve maximum blood flow.
- Where there is only some activation of the calf muscles, confirmed by feeling the calf and ankle, will give some improvement in blood circulation.
- The device should be worn for 24 hours/day in the initial post-surgery period.
- Until a full toe/foot twitch is observed, geko™ device use, each 24 hours, should be maximised.
- Once the oedema is stabilised, geko™ device use can be reduced to at least 8 hours per day.
- Use each day for 7-14 days.
- The device will run for 30 hours before disabling itself. This will give time after 24 hours use in which to replace the device.