



# loadsol®

for controlled weight bearing

# Load monitoring for lower extremity rehabilitation

Use loadsol® for rehabilitation after lower extremity interventions (e.g. surgery). Support fracture healing with controlled weight bearing monitoring and feedback during therapeutic training.

Capture the interaction between body and ground accurately, effortlessly, and with flexibility.

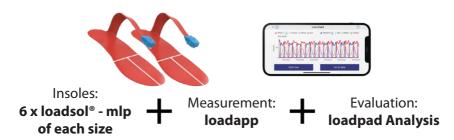
## loadsol® key benefits for practitioner:

- record extremity loads and monitor load bearing accurately and reliably using novel's high quality standards
- > collect data sets remotely and in realtime
- measure during daily activities and provide the easy-to-use system for monitoring home progress
- synchronize using loadsync with lab equipment via TTL pulse



## Application package

### Utilized system and software



For unrestricted implementation we recommend 6 pairs of loadsol® in various sizes and the loadpad® analysis software to comprehensively evaluate the individual's progress.

### References and publications

Published literature using the loadsol® for load monitoring after lower extremity intervention:

- (a) Ability to control the load after surgery

  Gait & Posture (Mittlmeier, T. et al., 2006). Partial weight bearing after surgery for fractures of the lower extremity
- Effect of insole feedback training on partial weight bearing retention Gait & Posture (Augat, P. et al., 2022).
- E Plantar force loading after achilles tendon rupture repair Journal of Sports Medicine (Ackermann, P. W., et al., 2019).

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