Spring Loaded OA



Effective offloading and active extension assistance for patellofemoral and multicompartmental knee osteoarthritis.

Spring Loaded OA is an innovative knee orthosis that combines dynamic offloading with active support in extension. The orthosis is developed for patients with patellofemoral or multicompartmental osteoarthritis, but can also be used for quadriceps weakness and other extensor deficits.

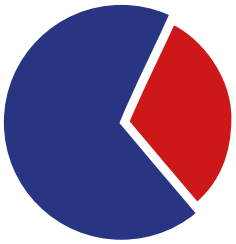
Unlike traditional knee orthoses, Spring Loaded OA uses an integrated spring mechanism that absorbs and stores energy as the knee flexes and returns it during extension.

Features

- Integrated dynamic spring mechanism
- Knee extension assistance
- Adjustable resistance/assistance
- Offloads the entire knee joint
- Standard sizes XS–XL and 3D scan

Indications

- Patellofemoral osteoarthritis
- Multicompartmental knee osteoarthritis
- Pain during loaded knee flexion
- Certain conditions where extension assistance may be relevant



Did you know...

... that traditional OA knee braces with 3-point support are only suitable for patients with unicompartmental osteoarthritis? This despite the fact that as many as 68% of all patients with knee osteoarthritis have multicompartmental or patellofemoral osteoarthritis.*

It is for all these patients that we are now launching Spring Loaded OA on the Nordic market.

Want to know more?

Contact us to book a meeting with one of our product specialists.

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*Stoddart, J. M., et al. (2021). The compartmental distribution of knee osteoarthritis: a systematic review and meta-analysis. Osteoarthritis and Cartilage.
Kobayashi, S., Pappas, E., Fransen, M., Refshauge, K., & Simic, M. (2016). The prevalence of patellofemoral osteoarthritis: a systematic review and meta-analysis. Osteoarthritis and Cartilage, 24(10), 1697–1707