

Controlling Joint Motion During Gait



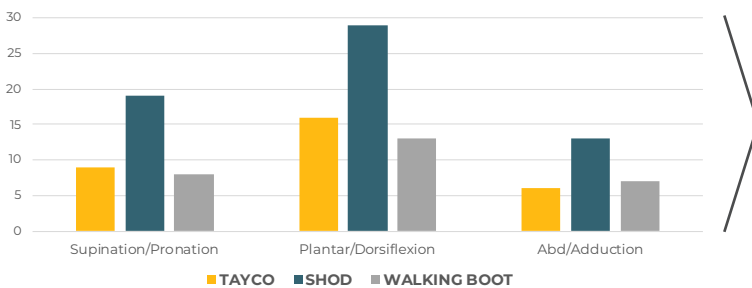
TayCo XAB vs. Walking Boot

SUMMARY

TayCo XAB is 96% as stable as a walking boot in a kinetic state, and does not affect the knee and hip in the same way as walking boot.

ANKLE MOTION

During Level Ground Walking

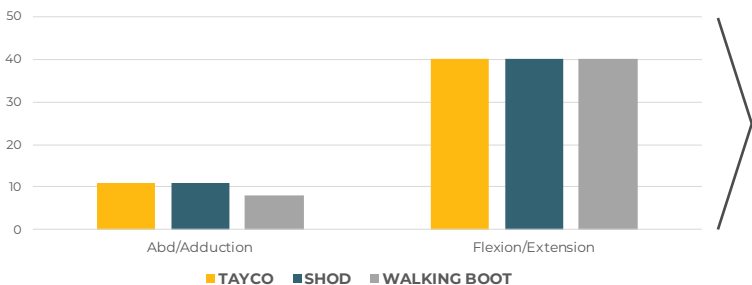


Reductions in Ankle Motion vs. Shod

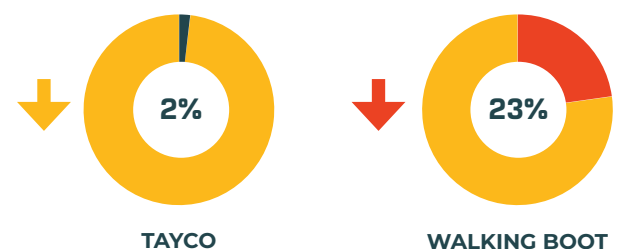


HIP MOTION

During Level Ground Walking

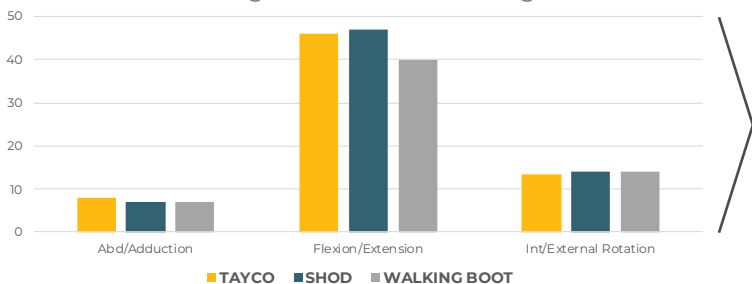


Mean changes in Hip Motion vs. Shod

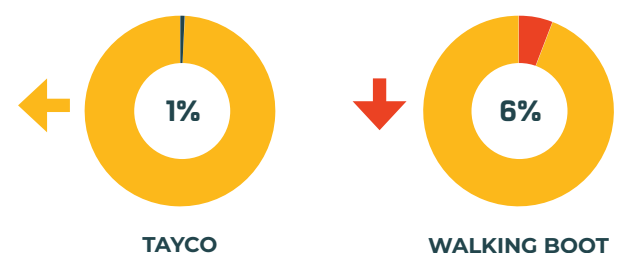


KNEE MOTION

During Level Ground Walking



Reductions in Knee Motion vs. Shod



Walking data measured using Vicon Nexus (ver. 2.12) from 38 healthy adult participants