



pedar[®]

for diabetes foot care

Pressure optimization of diabetes footwear

Use pedar to **evaluate custom-made footwear** and insoles and **prevent symptoms of foot pathologies**.

Utilize pedar system to measure **absolute pressure values** and **compare** them to **thresholds** according to the current scientific best practise to **easily optimize footwear**.

pedar[®] key benefits for shoe maker:

- measure in-shoe pressure in any custom made shoe for diabetes with reliable and precise sensors
- screen the contact area between foot and shoe or inlay with individually calibrated sensors
- receive a full report within seconds to analyze the effect of the show and plan further support or adaptations



These example studies prove the applicability of pedar for the assessment of patients with diabetes

Validity of pedar

Validity and repeatability of three in-shoe pressure measurement Systems. Gait & Posture (Price et al., 2016)

Theoretical background

Plantar pressure in diabetic patients with foot ulcers which have remained healed. Diabetic Medicine (Owings et al., 2009)

Practical application

State of the art design protocol for custom made footwear for people with diabetes and peripheral neuropathy. Diabetes Metabolism Research and Reviews (Bus et al., 2020)

System components and details



The recommended system includes: 5 pair of insoles (different sizes), pedar analyzer and pedar recorder Software.