



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 shoe and plan further support or adaptations



References and publications

Validity of pedar

Price et al. Validity and repeatability of three in-shoe pressure measurement Systems. Gait & Posture 46 (2016) 69–74

Theoretical Background

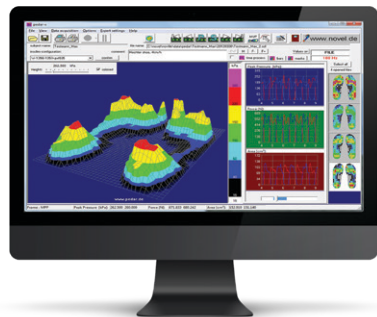
Owings et al. Plantar pressure in diabetic patients with foot ulcers which have remained healed DOI: 10.1111/j.1464-5491.2009.02835.x

Practical application

A guide to “facilitate more uniform decision making in the prescription and manufacturing of adequate shoes” *

*Bus, SA, Zwaferink, JB, Dahmen, R, Busch-Westbroek, T. State of the art design protocol for custom made footwear for people with diabetes and peripheral neuropathy. Diabetes Metab Res Rev. 2020; 36(51):e3237 Doi: 10.1002/dmrr.3237

System components and details



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

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