

emed[®]
for analysis of deformed feet

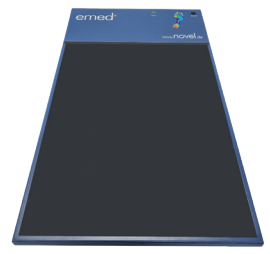
Use emed[®] to easily **detect pressure and force distribution** during barefoot gait assessment of patients with foot deformities.

Utilize emed[®] data to **evaluate the severeness of a deformity** and **provide data-based specifications** for foot care interventions.

Pressure distribution measurement for foot deformities

emed[®] key benefits for foot specialists:

- record and locate pressure peaks precisely using novel's high-resolution sensor platform
- allow an objective assessment of foot function
- generate assessment reports in just 8 minutes and connect to database
- synchronize emed with marker related movement analysis to draw conclusions about foot shape.
- emed[®] platforms are compliant with the European Regulations on Medical Devices



Application package



Hardware:
Calibrated platform +
(various sizes)

Measurement:
**emed expert/recorder
software**

References and publications

Published literature showing the applicability of emed® for the assessment of foot deformities

 **Isb cb award 2009: toe weakness and deformity increase the risk of falls in older people**

Clinical Biomechanics (J., S. et al., 2009) & ISB CB award 2009

 **Dynamic Plantar Pressure Measurement for the Normal Subject-Free Mapping Model for the Analysis of Paediatric Foot Deformities**

Journal of Pediatric Orthopaedics (Lyon, R. et al., 2005).

 **Foot type biomechanics part 1: structure and function of the asymptomatic foot**

Gait Posture (Hillstrom, H. J. et al., 2013).

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