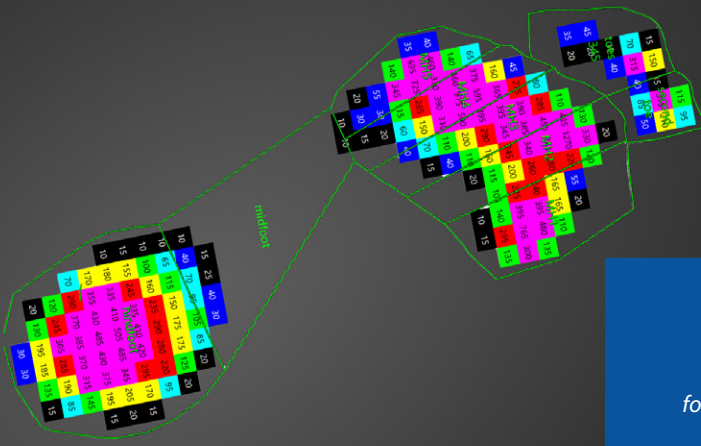




emed®

*for analysis of deformed feet*

## 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

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.



## 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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