

## **Press Release:**

### **Measure biomechanical stress of the foot – bending and torsion – for the first time directly at the foot.**

**Biomechanical stress of the foot, bending and torsion, can be detected directly at the foot with vebito, the measurement system of the vebitosolution GmbH, for the first time. Therefore the analysis of four motion directions is possible with just one measurement system. This gives a new perspective for the supply of, the research for and the sale of orthopedic treatments.**

**Muenster/Steinfurt, May 11, 2018:** Feet build the footing of the whole musculoskeletal system. Incorrect loading of the foot has an influence on the natural roll-over of the foot and can lead to pain and other undesired consequences.

Orthopedic interventions, orthopedic devices, as well as the geometry and material of shoes, aim on the change of the load acting on the foot. If this aim can be accomplished, can now be evaluated with vebito. Because vebito is reliable and exact and makes documentation and communication with the customer. Innovative is, that bending and torsion is measured in four directions: Dorsiflexion, plantarflexion, supination and pronation. That's how the interaction of men and shoe and/or device can be shown during daily or also during sportive motions, during the whole gait cycle. The software shows those multiaxial loads. With the Wi-Fi-connection measurements are easy and quick possible in every surrounding.

It is not just the improvement of therapies of foot diseases, or the optimization of the effects of shoes and orthopedic devices, but vebito simplifies the motion analysis. All measurements are multidimensional, highly accurate, reliable, mobile and user friendly and therefore easy accessible for a wide spectrum of customers.

vebitosolution at the OT-World: hall 3, booth „Start-Up-Zone“ D28

Presentation with vebito at the congress:

Wednesday, May 16, 16:45 - 18:00, room 2

„Load of torsion and pressure at pes valgus with and without sensomotoric foot orthoses“, Grabowski Nora

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