

## **Press Release:**

### **A new dimension for measuring technologies: Multidimensional data of the foot.**

**The insole measurement system of vebito makes it possible to detect multidimensional data of the foot. To date, just one-dimensional data could be recorded. But vebito shows easy, reliable and quick the bending and torsion of the foot during walking, jogging or other movements. This gives new opportunities for the supply of, the research for and the sale of orthopedic treatments.**

**Muenster/Steinfurt, March, 11, 2016:** Feet are a highly complex part of the body with more than 100 ligaments and tendons, 26 bones and 24 muscles and they build the footing of the whole musculoskeletal system.

Incorrect loading of the foot, unbecoming shoes or other incorrect medical care have an influence on the natural roll-over of the foot and can lead to pain and other undesired consequences.

Until now no measurement method exists to anticipate deformation and prevent long-term effects. When the shoe pinches, just the pressure on the foot, which just works vertical on the foot, was used as basis for treatments and for their verification. From now on the orthopedic technicians and – shoemaker and not to forget their customers can breathe a sigh of relief as the insole system of vebitosolution works multilayered and precise. Innovative is the measurement of bending and torsion of the foot, which shows the interaction of foot and shoe and/or treatment and the stress of the foot during walking, jogging and other daily and sportive activities. The multiaxial load is visualized by a software, which makes analyzing and reporting easy. Mobile measurements in the laboratory as well as on the sports field are possible due to wireless data transmission.

vebito not just improves the possibilities of treatments but also the optimization of the effect of shoes and orthopedic devices. The analyzation of bending and torsional stress on the foot in shoes during sportive movements

is made possible by vebito in an easy, precise, reliable, mobile and cost-efficient way with high usability. Therefore a broad range of customers is addressed.

vebitosolution on the OT-World: hall 1, joint stand "Campus" B40

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You find pictures and the press release as a file here:

