

Training of Manipulation Impuls



Teacher's Meeting
Utrecht 2014



² IFOMT Standard Definition 1992

Manipulation

- Manipulation is a **small amplitude** of movement applied, with **quick impulse**, to a joint showing a suitable end feel to effect joint separation to restore translatory glide.



³ IFOMT Standard Definition 1992

—Orthopaedic manipulative therapists recognize that this is not a benign procedure. Implicit in this document is acceptance that **this must be thoroughly learned**. OMT's have developed some unique procedures which **eliminate rotary stresses and emphasize glide and distraction movements**. Rotation and extension are recognised being movements which can provide a hazard especially when applied to cranio-vertebral region



How to train manipulation

- **What is the actual standard?**
 - **Experiential learning**
 - **Learning by doing**
 - **Verification? Control?**
 - **Other training methods?**



⁵ **How to train manipulation**

- **Request to a manipulation impulse**
 - **high velocity**
 - **low amplitude**
 - **low force**
 - **straight line thrust**
 - **acute resting position**
 - **slack up to the first stop**
 - **linear impuls**



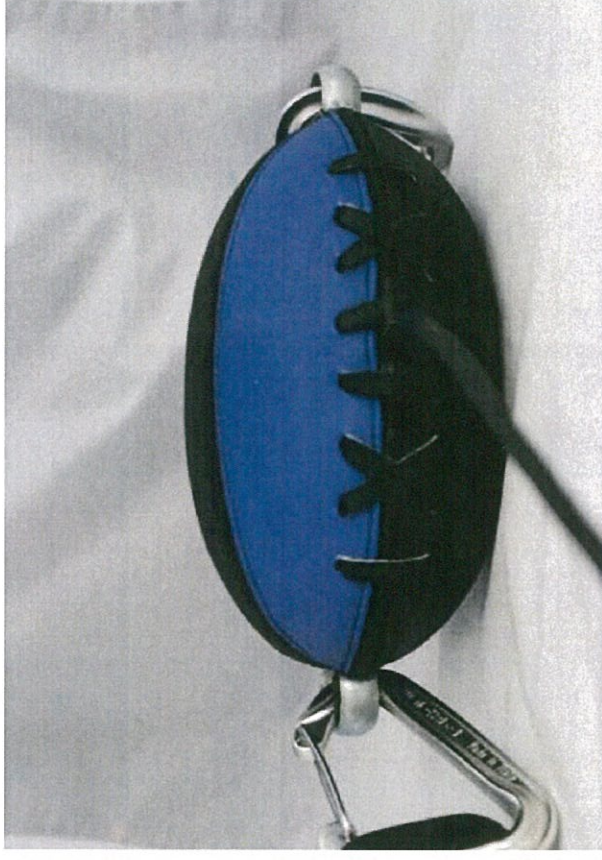
How to train manipulation

- Mtd-systems is the leading producer of multifunction systems with measurement, - training and documentation functions
- MTD-systems, Kröblitzer Strasse 24, 92431 Neunburg v. Wald, Germany
www.mtd-systems.de



Mtd Systems

Trackball





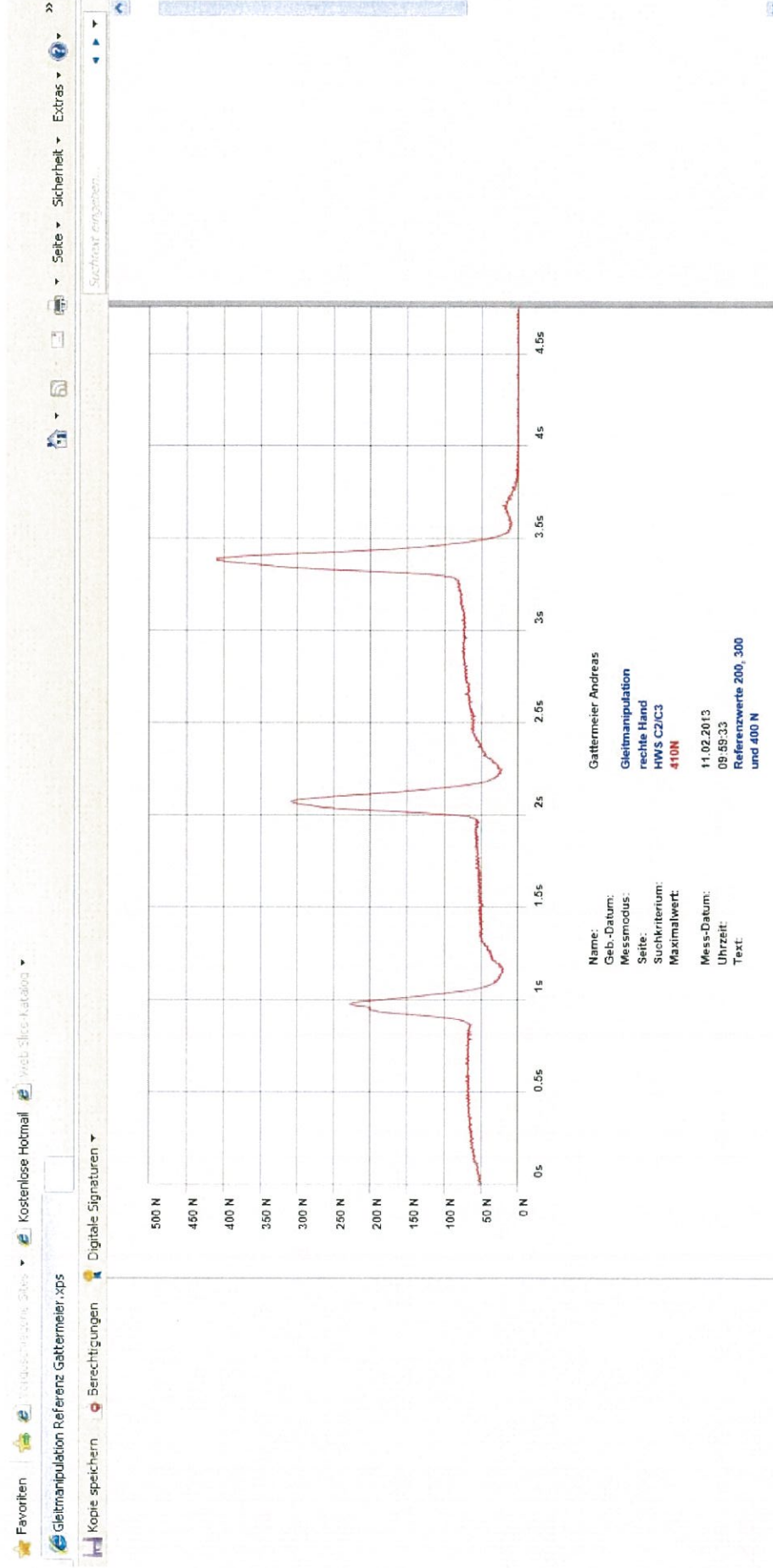
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Gapping Manipulation with mtd systems





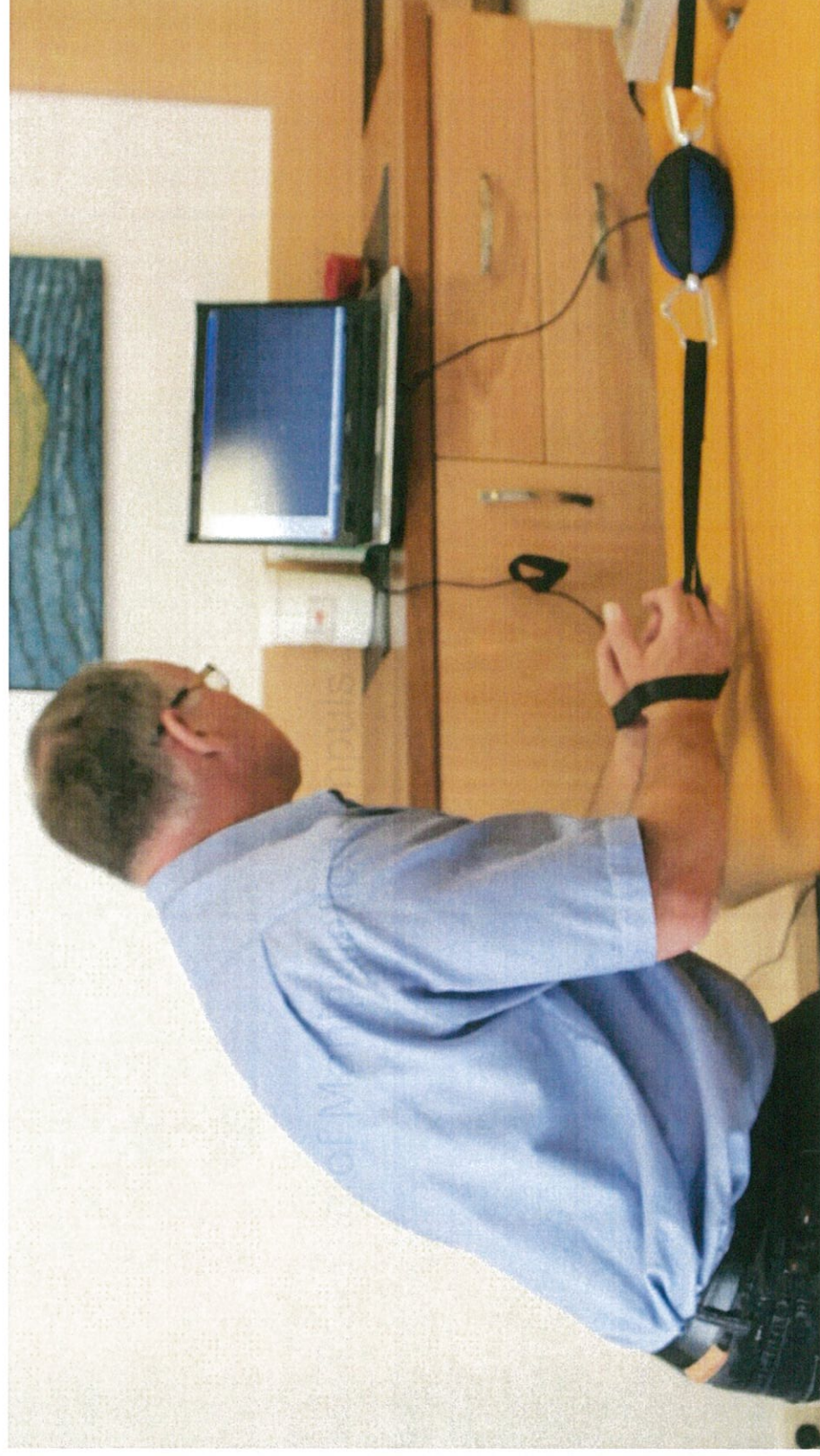
Reference gliding manipulation





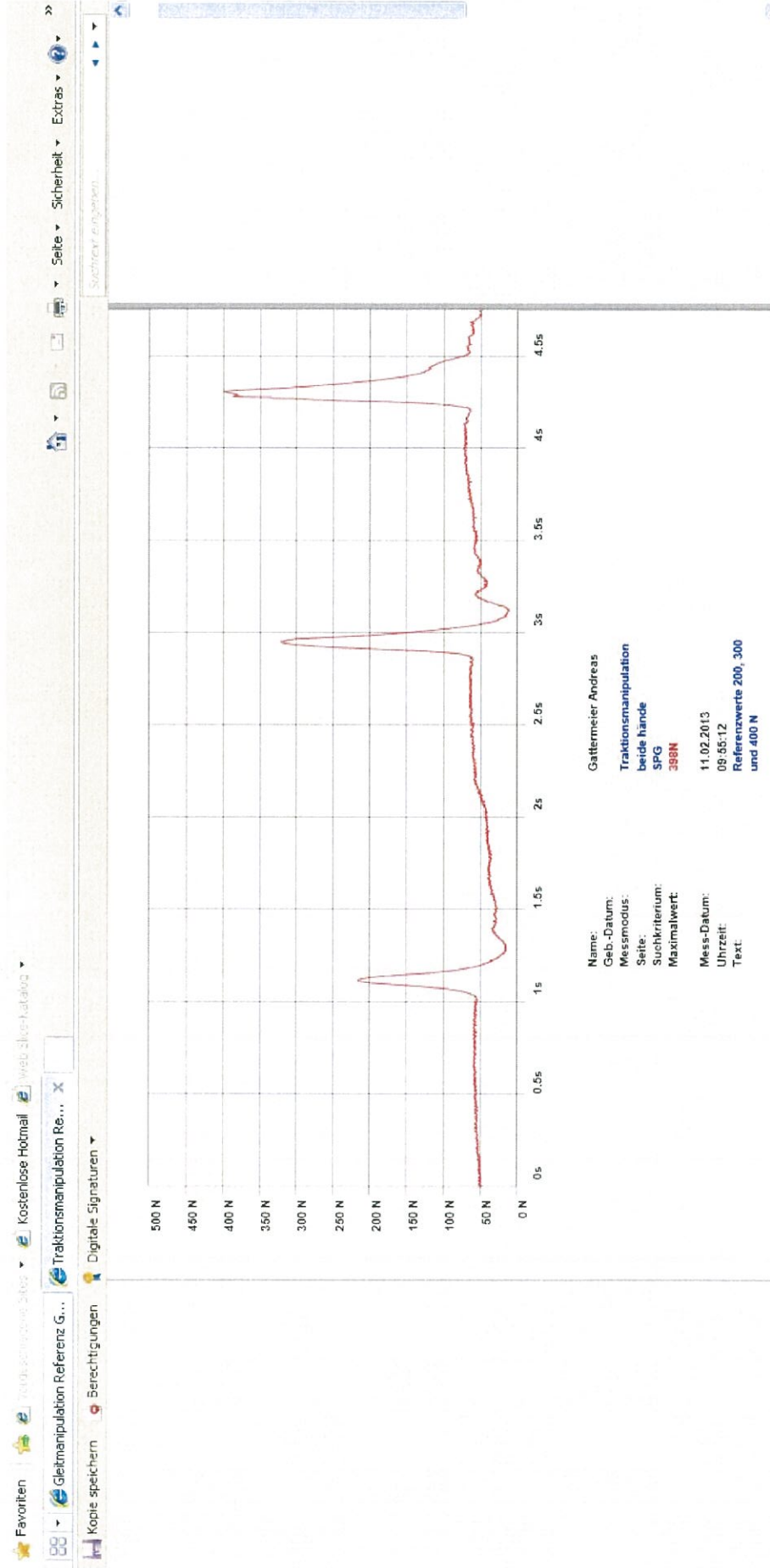
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Traction Manipulation with mtd systems



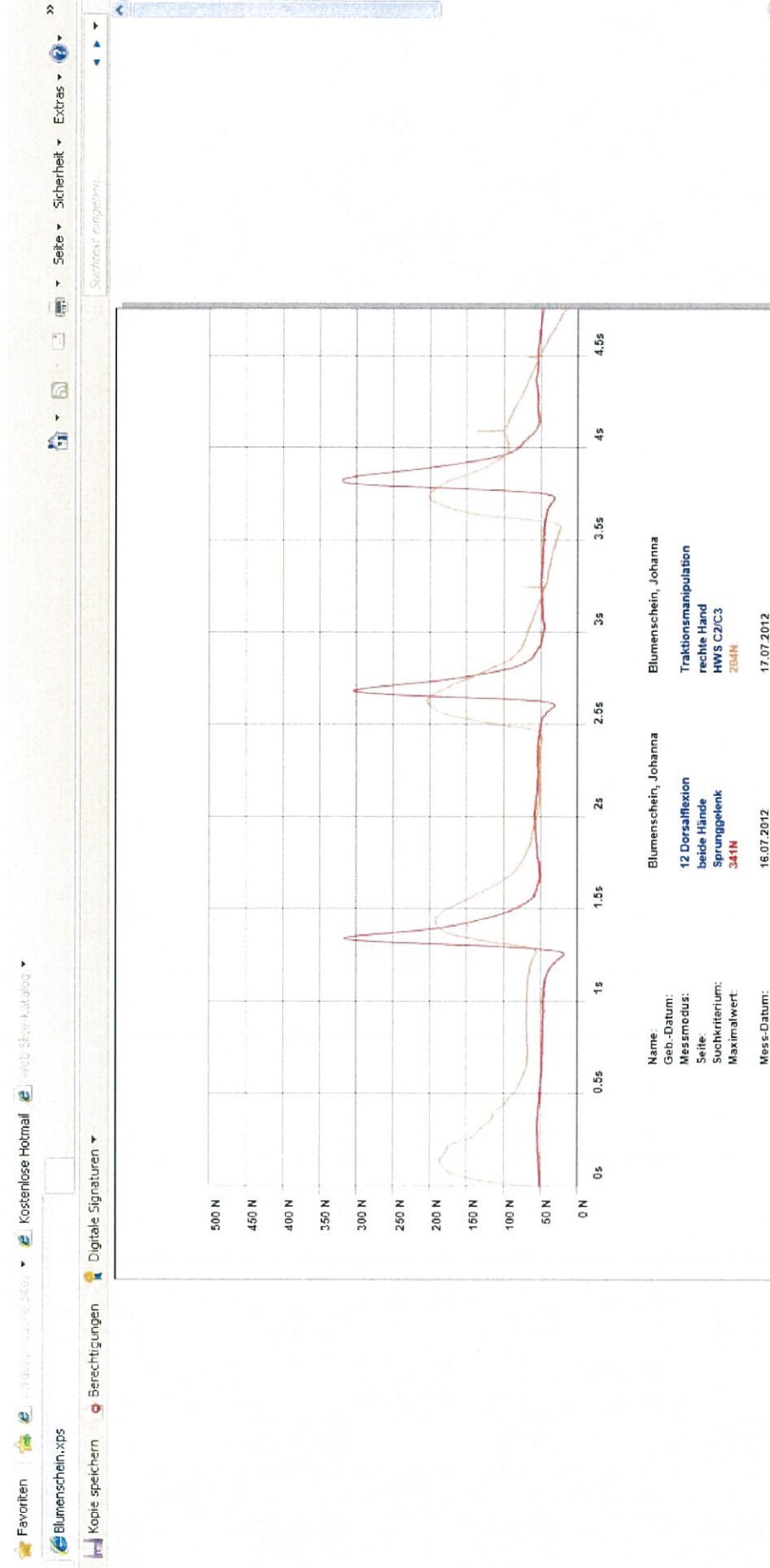


Reference traction manipulation





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