

Modification to Legsimulator regarding soft tissue

The need for innovative medical devices for lower limb rehabilitation is growing. The ZMS is working on the research for Exoskeletons and active Orthoses. As part of the research, we develop a Legsimulator for human gait activities.

Objectives and Tasks:

- Research and Development of capable concepts to simulate soft tissue on artificial leg of the Legsimulator
- Development of a sensor concept to quantify pressure on artificial soft tissue
- Implementation of a prototype of an artificial soft tissue simulator
- Verification of implantation

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