

The influence of an active physiotherapeutic intervention in combination with Action Observation and Motor Imagery on the gait pattern of a child with Perthes disease: A single case research design

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Short summary: There is little physiotherapeutic evidence for the treatment of children with Perthes disease and no standardized guidelines do exist. This case study is based on an active physiotherapy intervention combining strength and gait training with action observation and motor imagery. The aim of this research study is to analyze the influence of gait training and its transfer in the child's daily life to improve self-awareness and compliance in relation to their own disease. Measures will be taken in a 3D-motion-capture-system movement laboratory.