

A new robotic parallel kinematic system (LHS) for the training of lower limbs in hemiplegic patients: a feasibility study.

The project is part of the development of a robot named Lambda parallel kinematic Health System (LHS). It was designed by the High School of Engineering and Management of Vaud (HEIG-dv) for use in hospital settings. The project's primary objective is to show the feasibility of training with stroke patients on LHS in terms of safety, ergonomics and intensity. Secondly, clinical data collected on motricity and spasticity will guide future research projects aimed to measure the effects of training with LHS.

Research team

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Duration

8 months