

Research on building assistive devices for lower limb rehabilitation patients

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Abstract: In the context of the increasing number of people in need of lower limb rehabilitation, this study focuses on developing an effective support system. The main objective is to build a device that helps improve and promote the recovery process of patients by integrating modern technology with traditional treatment methods. The approach combines theory and experimentation to ensure high applicability in clinical practice. The expected results will significantly contribute to improving patients' quality of life while expanding understanding in the field of lower limb rehabilitation.

Keywords: Rehabilitation, assistive devices, rehabilitation technology, lower limbs, treatment