

Design of a training support device for hand rehabilitation patients

Nguyen Van Toan

Abstract: This topic aims to research and develop a system of training support devices suitable for the needs of patients during hand rehabilitation. In the current context, effective and safe hand training is extremely important but often faces many difficulties due to the lack of specialized support tools. The objective of the topic is to design a system that is diverse in form and flexible to suit the specific needs of each patient. The research method includes a combination of theory on hand rehabilitation and direct experimentation with users. The expected result is the creation of effective training support devices, contributing to improving the quality of life for patients after surgery or treatment of hand-related diseases.

Keywords: Rehabilitation, Assistive Devices, Hand Training