

Research, design, and fabrication of equipment to support the treatment of chronic obstructive pulmonary disease

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Abstract: This topic focuses on researching and developing a new assistive device to improve treatment effectiveness for patients with chronic obstructive pulmonary disease (COPD). Through analysis of the actual situation, the topic identifies the goal of addressing issues of accuracy and flexibility in the COPD treatment process. The approach includes both theoretical research and experimental application implementation to verify the device's performance. The expected outcome is to enhance patients' quality of life while contributing to medical technical progress.

Keywords: Support devices, chronic obstructive pulmonary disease (COPD), treatment, research and development