

BACHELOR THESIS ABSTRACT

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Title of this thesis:

Possibilities of physiotherapy intervention in patients before cardiac surgery.

Abstract:

This thesis deals with the options in physiotherapy intervention for patients before cardiac surgery. The theoretical part contains information about the anatomy of the chest and heart focused on basic concepts and biomechanics breathing. It also contains a section dedicated to the field of cardiac surgery, the most common indications in cardiac surgery and possible surgical approaches. A large part is devoted to the possibilities of physiotherapy in the preoperative period, primarily respiratory physiotherapy, exercise therapy and patient education by the physiotherapist. The practical part describes a case of a patient prior to cardiac surgery. Subsequently, the usefulness of physiotherapy for the patient himself is tested in a feedback interview with the same patient after the procedure. Information useful for patients before cardiac surgery, including examples of respiratory and fitness exercises are presented in an instructional manual. The manual also contains photographs of exercises that allow patients to understand the above listed situations better.

Key words:

cardiac surgery, cardiac rehabilitation, physiotherapy, respiratory physiotherapy, physical therapy