



SRINIVAS UNIVERSITY

Mangalore 575001 , Karnataka (India)

Research Centre for Cardio Pulmonary Rehabilitation

COLLEGE OF PHYSIOTHERAPY SRINIVAS UNIVERSITY



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Cardio and Pulmonary rehabilitation is an integral part of the clinical management and health maintenance of those patients with congenital heart diseases, Acquired heart disease, Valvular disease of the heart, Post-Operative cardiac surgeries and pulmonary conditions include chronic respiratory disease, restrictive lung diseases who remain symptomatic or continue to have decreased function despite standard medical treatment. The research Centre in Cardiac and pulmonary rehabilitation mainly focus on current clinical practice and patients values and its a customized outpatient program of exercise and education.

OBJECTIVES

- The objective of this research centre is to provide a scientific communication medium to discuss the utmost advancements in the domain of Cardio pulmonary Research.
- To identify and describe the examination procedures used to evaluate patients with heart and lung disease.
- To train students in the immediate recognition and treatment of life threatening illnesses including medical, surgical, and ICU emergencies.
- To train students in the recognition, evaluation and management of cardio pulmonary physical disabilities.
- Identify and describe strategies of intervention during various phases of cardiac and pulmonary rehabilitation.
- To develop Evidence based physiotherapy management plan for a patients with chronic lung and cardiac disease based on disease severity and symptoms.

PROJECTS

- A study on the field walking test (6 min walk test) for COPD patients- A literature review
- A study on the Open versus Closed suctioning procedure in neonates
- A study on the effects of Quadriceps fatigability in patients with COPD
- Pre and post-operative management in Heterotopic cardiac transplantation
- Exercise evaluation and prescription for congenital heart diseases