CARDIOVASCULAR & RESPIRATORY PHYSIOTHERAPY LAB

The Cardiovascular and Respiratory lab is one of the 7 skills lab of the School of Physiotherapy.

It has various equipments and devices to train undergraduate and post-graduate students in clinical skills and at the same time aid the doctorate students to conduct research.

For the clinical teaching of undergraduate students in airway clearance as a part of the management of respiratory conditions, the lab is stocked with devices like Flutter and Acapella along with Tilt table, Nebulizers and Spirometers. Inspiratory muscle trainers are also at hand for training of students and patients. The pulse oximeters are available for lab teaching as well as to be used in the clinical set up on patients during treatment. A portable PFT machine is also available to all students for research purpose and is extensively used especially by the post-graduate students. The lab is also well stocked with Sphygmomanometers and Stethoscopes for training of the basic vital parameters.

The computerized treadmills are equipped with screens to facilitate audio and visual display to the enhance performance while exercising.

The MONARK cycle is one of the premium ergocycles used to test the aerobic capacity in a laboratory setting.

The lab is also equipped with the audio cds of Incremental Shuttle walk test (Leicester, UK) and FITNESSGRAM(Cooper Institute, USA) to conduct the cardiorespiratory endurance testing in normal individuals as well as patients. In addition, we also have POLAR heart rate monitors and pedometers for assessment of physical activity and exercise capacity. In addition a portable Body Fat Analyser is available for assessment of body composition.