



FEDERAL UNIVERSITY OF SÃO CARLOS
CENTER OF BIOLOGICAL AND HEALTH SCIENCES
GRADUATE PROGRAM IN PHYSICAL THERAPY

Concentration: Physical Therapy and Functional Performance

Via Washington Luís, Km 235 – São Carlos, SP 13.565- 905

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COURSE: FIT - 513 Topics in Cardiovascular Physical Therapy

Credits: 6

Course load: 90hrs.

Instructor: Aparecida Maria Catai, Ph.D.

Course Overview:

1. Topics in exercise physiology related to cardiovascular physical therapy.
2. Cardiovascular adaptations induced by aerobic physical training in patients with cardiovascular disease.
3. Cardiorespiratory assessment tests using different protocols.
4. Electrocardiogram at rest and during exercise.
5. Assessment tests of cardiovascular autonomic function.

Course Materials:

1. REGENGA, M. Fisioterapia em Cardiologia - da UTI à Reabilitação, São Paulo, Roca, 2000.
2. TIMERMAN, A. & CÉSAR, L.A.M. - Manual de Cardiologia - SOCESP, São Paulo, Editora Atheneu, 2000.
3. WENGER, N.K.; HELLERSTEIN, H.K. Rehabilitation of the coronary patient. 2^a ed. John Wiley & Sons, New York, 1984.