

**ELECTRONIC GUIDE TO THESES APPROVED BY
PHYSICAL THERAPY DEPARTMENT FOR CARDIOPULMONARY
DISORDER AND GERIATRICS AND ITS SURGERY
PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and Its Surgery

Master Degree
2002

Author	:	Abeer Ahmed Abdel-Hamed Fargaly.
Title	:	Constant versus incremental work rate cardiopulmonary exercises test in evaluation of functional capacity of Egyptian physical therapy students.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors		<ol style="list-style-type: none"> 1. Nagwa Mohamed Hamed Badr. 2. Zeinab Mohammed Helmy. 3. Mustafa Hussein Gad.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>The aim of this study was to compare between two different protocols of cardiopulmonary exercise tests in measuring indices of functional capacity and work time, sixty normal students participated in the study, their ages were ranged from 18-24 years, each perform an incremental cardiopulmonary exercise test then one week later they performed a constant exercise test, selected cardio vascular responses to both type of exercise test were measured, the results showed non significant change in VO_{2max}, anaerobic threshold for all subject, while the work time was significantly decreased during constant work rate for all subjects, the result showed also a non significant increase in parameters of cardio vascular response except of maximum heart rate during constant work rate for all subjects.</p>		
Key words		<ol style="list-style-type: none"> 1. Cardiopulmonary exercise test. 2. constant work rate. 3. incremental work rate. 4. functional capacity. 5. Egyptian physical therapy students.
Arabic Title Page	:	اختبار تمارين القلب الرئوية لمعدل الشغل الثابت مقابل المتزايد في تقييم المقدرة الوظيفية لطلاب العلاج الطبيعي المصريين.
Library register number	:	898-899.

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Author	:	Mohamed Abd El-Sattar Mohamed Hemida.
Title	:	Cardiovascular response to aerobic exercise training in diabetic autonomic neuropathy.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Awny Foud Rahmy.
	2.	Ayman Fatehy Kaddah.
	3.	Alsayd Abd El-Hamid Abo-Shanab.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>Forty NIDDM with autonomic neuropathy (25 male and 15 female) participated in the study, their age was ranged from 45-65 years divided into two group A And B, group A practiced exercise and received medication while group B received only medication patients with ischemic heart diseases and varicose veins were excluded each patient was evaluated per and post exercise program each patient of group A received three sessions / week for three months pre and post program assessment was done for each patient of both groups included: both weight, mass index, fasting blood glucose, ECG studies, heart rate from (supine, standing and after 3 minutes of standing) and systolic and diastolic blood pressure from (supine, standing and after 3 minutes of standing) the data were statistically analyzed, the results showed that the body weight and body mass index were statistically significantly reduced in both groups fasting blood glucose was significantly reduced in group A and increased in group B also heart was significantly reduced in both groups systolic blood pressure was significantly decrease in group A except from standing significantly increased diastolic blood pressure was significantly decreased in group A in group B Systolic blood pressure changed non-significantly except from standing .</p>		
Key words	1.	Cardiovascular.
	2.	Exercise training.
	3.	Diabetic.
	4.	autonomic neuropathy.
Arabic Title Page	:	استجابة الجهاز الدورى للتمرينات الهوائية فى مرضى السكر المصحوب بالتهاب الجهاز العصبى اللاارادى.
Library register number	:	894-895.

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Author	:	Mona Mohamed Mohamed.
Title	:	Efficacy of physical training on ventilatory functions in Alzheimer's.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Awny F.Rahmy.
	2.	Intessar E. Sultan.
	3.	Zahra M. H. Serry.
Degree	:	Master.
Year	:	2002.
Abstract	:	
<p>This study aimed to detect the efficacy of physical training on ventilatory functions in Alzheimer's patients subjects : thirty ambulated patients of moderate stage of Alzheimer's disease (14 males and 16 females with the mean age 73 years and the mean height 157cm) methods: physical training to patients include gait training upper limb exercise associated with respiration incentive spirometry exercises and diaphragmatic breathing exercises three times per week for six weeks also the pulmonary functions of the patients were evaluated by spirometer (Japanese minat auto Spiro As-500) before and after treatment results: the pulmonary function was significantly increased after six weeks of physical training conclusion and discussion: the results revealed that physical training could significantly improve pulmonary functions.</p>		
Key words	1.	Alzheimer's Disease.
	2.	ventilatory functions.
	3.	physical training.
Arabic Title Page	:	فاعلية التدريب الجسماني على وظائف التهوية الرئوية في مرضى الزهايمر.
Library register number	:	906-907.

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