

**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**

**Doctoral Degree
2003**

Author	:	Akram Abd El-Aziz Sayed.
Title	:	Selected immunological effects of low level laser therapy in patients with pulmonary tuberculosis.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Aziz Guirguis Aziz.
	2.	Adel Wadie Falasteen.
Degree	:	Doctoral.
Year	:	2003.
Abstract	:	
<p>Forty pulmonary tuberculosis patients were subjected for the study to investigate the effect of laser acupuncture on igg serum level. The subjects divided equally into two groups. The first group received laser on acupuncture points and medical treatment-the second group received placebo laser and medical treatment-the study group includes 13 males and 7 females and second group includes 13 males and 7 females. Two venous blood samples (2.5 ml) had been taken from each patient of both groups before and immediately after the laser session post 6 weeks. The result of this study indicated a highly significant increase in igg serum level representing changes of 65% compared to 4% in the control group.</p>		
Key words	1.	low level laser.
	2.	Immunity.
	3.	Acupuncture.
	4.	immunoglobulin (G).
	5.	pulmonary tuberculosis.
Arabic Title Page	:	بعض التأثيرات المناعية للعلاج بالليزر في مرضى السل الرئوي.
Library register number	:	944-945.

**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**

Author	:	Amany Raafat Mohamad.
Title	:	Myocardial perfusion imaging and functional assessment for the efficacy of rehabilitation program post myocardial infarction.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Naguib M.salem.
	2.	Alia H.Abd El-Fattah.
	3.	Awny F.Rahmy.
Degree	:	Doctoral.
Year	:	2003.
Abstract	:	The effects of cardiac rehabilitation on patients in the recovery stage within 2 weeks after the first attack of acute myocardial infarction were assessed in this study. A total of 16 pts with mean age 52 yrs. admitted to the critical care department, Cairo University. All pts subjected to clinical, laboratory investigations and myocardial perfusion imaging prior and post the intervention of cardiac rehabilitation that included gradual treadmill exercises for 10 weeks with frequency 3 sessions a week the results of the study revealed the ability of the cardiac rehabilitation to improve the myocardial perfusion and exercise tolerance in our patients even in pts with anterior ML over the age of 50 years.
Key words	1.	acute myocardial infarction.
	2.	myocardial perfusion.
	3.	cardiac rehabilitation.
Arabic Title Page	:	تحديد معدل الارتواء وتقييم وظيفي لكفاءة القلب في برنامج تاهيلي لما بعد احتشاء عضلة القلب.
Library register number	:	942-943.

**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**

Author	:	Farag Abd El-Moneim Ali Mohamed.
Title	:	Comparison between different aerobic exercise training intensities on outcomes of cardiac rehabilitation programs in patients with ischemic heart diseases.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Nagwa Mohamed Hamed Badr.
	2.	Lotfy Mohamed Eees.
	3.	Mostafa Hussein Ahmed Ali Gad.
Degree	:	Doctoral.
Year	:	2003.
Abstract	:	<p>This study was conducted to compare between different intensities of aerobic exercise training on the outcome of cardiac rehabilitation program in patients with ischemic heart disease. SIXTY male patients diagnosed as having ischemic heart disease, mainly post operative have been selected from patients referred to out patient clinic of the national heart institute. They have been randomly assigned into three groups to participate in three different intensities of aerobic exercise training for three months, three times per week. Cardiopulmonary exercise test and risk profile analysis have been conducted for all patients before and after the rehabilitation period. The result of this study revealed that the severe intensity of aerobic exercise produced safe and greatest improvement in the physical work capacity indices as it significantly increased the VO₂ max, anaerobic threshold, and maximum workload. This in addition to the significant reduction in the resting heart rate, resting systolic, diastolic blood pressure, and maximum systolic, and diastolic blood pressure. Severe exercise had also induced a greater improvement in the risk profile indices, as it reduced the total risk score, cholesterol, triglycerides, total body weight, percentage of body fat, and LDL-C levels. It also showed a significant increase in the plasma level of high density lipoprotein.</p>
Key words	1.	Aerobic training.
	2.	cardiac rehabilitation.
	3.	Ischemic heart disease.
	4.	physical work capacity.
	5.	risk profile.
Arabic Title Page	:	مقارنة بين تأثير التمرينات الهوائية مختلفة الشدة على نتائج البرامج التأهيلية لمرضى قصور الدورة الدموية للقلب.
Library register number	:	982-983.