

**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  
2000**

<b>Author</b>	:	<b>Eman Mohammed Elsayed El-refy.</b>
<b>Title</b>	:	<b>Use of laser biostimulation in diabetic polyneuropathy.</b>
<b>Dept.</b>	:	<b>Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.</b>
<b>Supervisors</b>	1.	<b>Nagwa Mohamed Hamed Badr.</b>
	2.	<b>Alaa Eldeen Amin Afifi.</b>
	3.	<b>Ebrahim N.El-Ebrashy.</b>
<b>Degree</b>	:	<b>Master.</b>
<b>Year</b>	:	<b>2000.</b>
<b>Abstract</b>	:	
<b>The present study was conducted over 27 diabetic poly neuropathy patient motor and sensory nerve conduction studies of the lateral popliteal nerve of both lower limbs was measured then they were taken for laser therapy using He-Ne-I.R. scanner device for a whole month day sessions.</b>		
<b>Key words</b>	1.	<b>lasers.</b>
	2.	<b>biostimulation.</b>
	3.	<b>diabetic polyneuropathy.</b>
	4.	<b>polyneuropathy.</b>
<b>Arabic Title Page</b>	:	<b>استخدام الليزر فى مرضى السكر الذين يعانون من التهابات الأعصاب الطرفية.</b>
<b>Library register number</b>	:	<b>722-723.</b>

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Author	:	Manal Kamel Youssef.
Title	:	Short term exercise training for patients with congestive heart failure.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Nagwa Mohamed Hamed Badr.
	2.	Alia Hassan Abd El-Fatah.
	3.	Zahra M. H. Serry.
Degree	:	Master.
Year	:	2000.
Abstract	:	Assessment of MV <sub>v</sub> , MVV in 40 patients with mild congestive heart failure by using respirometer just before and after training with treadmill for 6 weeks . The level of MV before training was 3.4 L/M . and after 6 weeks of training it become 7.2 L/M in . The level of MVV pre Training was 13.8 L/M in . and post training it was 20.7 L/M in . The time walked by the patients pre training was 2.8 min . and post training it was 7.1 Min . The level of heart rate pre training was 138.7 beats / in and post training it was 131.5 beats /Min . The level of blood pressure pre training was 145.6 / 89.75 mm . Hg and after training it was 138.8 / 83.12 mm .
Key words	1.	Short term exercise training.
	2.	congestive heart failure.
	3.	heart failure.
Arabic Title Page	:	تأثير التمرينات على المدى القصير علي حالات هبوط القلب اللاحتقاني.
Library register number	:	748-749.

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<b>Author</b>	:	<b>Gehan Ahmed Abdelaziz Shaalan.</b>
<b>Title</b>	:	<b>Ventilatory response to different exercise intensities in patients with exercise induced bronchospasm.</b>
<b>Dept.</b>	:	<b>Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.</b>
<b>Supervisors</b>	1.	<b>Nagwa Mohamed Hamed Badr.</b>
	2.	<b>Mohamed Abdel Kader El Maghraby.</b>
<b>Degree</b>	:	<b>Master.</b>
<b>Year</b>	:	<b>2000.</b>
<b>Abstract</b>	:	
<p>The study was intended to demonstrate the effect of different exercise intensities on ventilatory changes in subjects with exercise induced bronchospasm [EIB] to determine which exercise intensity would develop bronchospasm. forty subjects participated in the study. all subjects carried out three work load protocols, the work load protocols were incremental, constant and interval spirometry measures were taken pre, during, after exercise. the data were gathered and statistically analyzed and results showed evidence of bronchodilatation during exercise. it also showed evidence of bronchodilatation 15 min after interval work load protocol. Study also showed that asthmatics are less fit than counter peers . the recommendations were: to continue research in EIB phenomenon.</p>		
<b>Key words</b>	1.	<b>Ventilatory response.</b>
	2.	<b>exercise intensities.</b>
	3.	<b>bronchospasm.</b>
<b>Arabic Title Page</b>	:	<b>مدى استجابة التهوية الرئوية للتمرينات ذات الشدة المختلفة لمرضى الانقباض الشعبى الناتج عن التماري.</b>
<b>Library register number</b>	:	<b>710-711.</b>

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