

**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
2003**

Author	:	Aisha Abd El-Monam Solieman Hagag.
Title	:	Effect of pulsed ultrasonic therapy on diabetic foot ulcers.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Nagwa Mohamed Hamed Badr.
	2.	Hesham Ahmed Bakr.
	3.	Alsayed Abd El-Hameed Abou-Shanab.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of this research was to study the effect of pulsed ultrasound therapy on diabetic foot ulcer . thirty male and female diabetic patient complaining of foot ulcer participated on this study , their ages ranged from 48 - 72 years old . the patient were divided into two equal group , control group , fifteen patients who received the conservative wound care only , and testing group fifteen patient received the pulsed ultrasound therapy in addition to the conservative treatment . the results of this study revealed a significant reduction of ulcer surface areas and ulcer volumes in the testing group . while there was significant increase in ulcer surface areas and ulcer volumes in the control group and significant difference in ulcer surface areas and ulcer volumes at different time internal among the studied groups .</p>		
Key words	1.	Pulsed ultrasound.
	2.	Diabetes mellitus.
	3.	foot ulcer.
Arabic Title Page	:	تأثير الموجات فوق الصوتية المتقطعة على قرح القدم السكري.
Library register number	:	990-991.

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Author	:	Dina Youssif Mostafa Al-Reweny.
Title	:	Effect of selected balance training program on balance in elderly.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Awny Fouad Rahmy.
	2.	Adel thawat Taha.
	3.	Al-Sayed Abo El-Hameed Abo Shanb.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The purpose of this study was to if there was improvement in dynamic balance responses after eight weeks balance training intervention. this intervention included three sections , stretching exercise , strengthening exercise for lower extremities and balance training program . Balance training program included some activities closely related to lifestyle and function and it concentrated on components of movement that often become limited with normal aging . thirty elderly subjects evaluated under three postural conditions before , and after the intervention . balance measured by using biodex stability system . the results of this study indicated that anteroposterior and mediolateral mean values deflection of three tested conditions reduced significantly after eight weeks balance program . this reduction in deflections may be due to multiple intervention program applied in this study .</p>		
Key words	1.	balance, elderly.
	2.	training postural control.
Arabic Title Page	:	تأثير برنامج تدريبات الاتزان المختارة على الاتزان في المسنين.
Library register number	:	1018-1019.

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Author	:	El-Sayed Hassan Abd El-Salam.
Title	:	Study of chest diseases in primary schools in Cairo (survey).
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Naguib M.Salem.
	2.	Awny f.Rahmy.
	3.	Azza Fekry Ismail.
Degree	:	Master.
Year	:	2014.
Abstract	:	
<p>The purpose of this study was to study the prevalence of some chest diseases in primary schools children in Cairo governorate . methods: the sample of this study was one thousand child selected randomly from primary schools in Cairo governorate with ages ranging from 6 - 12 years . results: after examination for those children , it was found that 9.8% of the total sample were having chest diseases (8.7% bronchial asthma and 1.1% chronic bronchitis). conclusion: this study had supported the use of both tools in examination (questionnaire and physical performance test) of children who have chest problems.</p>		
Key words	1.	bronchial asthma.
	2.	chronic bronchitis.
	3.	survey children.
	4.	chest diseases.
	5.	primary schools in Cairo.
Arabic Title Page	:	الامراض الصدرية في تلاميذ مدارس المرحلة الابتدائية بالقاهرة (دراسة مسحية).
Library register number	:	954-955.

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Author	:	Hany Ezzat Obaya.
Title	:	Ventilatory functions changes in middle aged patients following open - hart surgeries.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Naguib Mohamed Ali Salem.
	2.	Lotfy Eissa.
	3.	Azza Fikry Ismail.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of this study was to determine the different speed of ventilatory function progression following open - heart surgeries between both CABG and AVR . 60 patients participated in the study divided into two equal groups , the first group consisted of thirty patients Head coronary artery by-pass graft (CABG) surgery , the second group consisted of thirty patents had aortic valve replacement surgery (AVR). all patients received a pre-operative physical therapy management and all had the traditional post-operative cardiac rehabilitation program . there was a greater significant improve in ventilatory functions records for both FEV1 and VC following open - Heart surgeries one-month post-operatively . also , VC showed a significant difference between two groups of the patients at non-hospitalization period including , 16 days , 23 days and one-month post-operatively , where the CABG group patient showed more rate of improvement than AVR group . so the physical therapy rehabilitation program following open - heart surgeries is essential in improve patient's ventilatory function.</p>		
Key words	1.	Ventilatory functions.
	2.	hart surgeries.
Arabic Title Page	:	تغييرات الوظائف التنفسية في المرضى متوسطى العمر عقب جراحات القلب المفتوح.
Library register number	:	988-989.

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Author	:	Khalid Taha Yassin Turkey.
Title	:	Cardiac rehabilitation program as a secondary prevention of coronary artery insufficiency.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Awny F. Rahmy.
	2.	Mohsen A. Salama.
	3.	Hala M. Ez El-Deen.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of this study was to measure the effect of cardiac rehabilitation program on ejection fraction in patients with coronary artery disease . forty coronary artery diseased patients (28 males and 12 females)were participated in the study their age ranged from 45 to 55 years . the sample populations divided randomly into two equal groups. the group A was received cardiac rehabilitation program while control group was not receiving cardiac rehabilitation program . the results showed that the resting heart rate , systolic blood pressure, diastolic blood pressure , exercise capacity and myocardial oxygen consumption were statistically significant improved in group A but not change in group B after eight and sixteen weeks of cardiac rehabilitation program. while in both groups ejection fraction was not significant improve after eight weeks . however , it was statistically significant improved after sixteen weeks in group A.</p>		
Key words	1.	secondary prevention.
	2.	Coronary.
	3.	ejection fraction.
	4.	Cardiac rehabilitation.
Arabic Title Page	:	برنامج تأهيلي كوقاية ثانوية في حالات مرضى قصور الشريان التاجي.
Library register number	:	1016-1017.

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Author	:	Merille Adel Iskander.
Title	:	Efficacy of different methods of breathing exercises on ventilatory function in elderly.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Naguib M. A. Salem.
	2.	Sherif M. El-Bouhy.
	3.	Azza Fekry Ismael.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of this study was to investigate the effect of different methods of breathing exercises on ventilatory function in elderly. sixty male and female volunteer subjects were selected from Palestine hospital with age ranged between 75-85 years . they underwent a pre and post ventilatory function test to mark out the values of FVC, FEV, and MVV . they were classified into 3 groups ; (Gr. (I) 20 subjects performed incentive spirometer), (Gr (II), 20 subjects performed diaphragmatic breathing exercise) , (Gr (III), 20 subjects performed both methods) . every subject trained for 30 min 3 time / week for 3 months. the results showed that , Gr II and Gr III were better in improving FVC and FEV 1 but Gr I and Gr III were better in improving MVV.</p>		
Key words	1.	breathing exercises.
	2.	ventilatory function.
	3.	incentive spironater.
Arabic Title Page	:	كفاءة تمارينات التنفس المختلفة على وظائف التهوية الرئوية في المسنين.
Library register number	:	1026-1027.

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Author	:	Mona Ahmed Abo Gemra.
Title	:	Efficacy of electrolipolysis versus abdominal exercises on abdominal fat in young female.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Naguib Salem.
	2.	Mohamed Abd El-Hamid.
	3.	Azza Fikery.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>This study was done to determine the effect of both electrolipolysis and abdominal exercises , and to determine which one is more effective for reducing abdominal fat in young female . thirty volunteer girls selected from the student camps of Tanta university their age ranged from 18 to 25 years , (BMI>27.3 k/m2)abdominal skin fold thickness (>21.3 mm), they were randomly assigned into two equal groups . group (A)performed a program of abdominal exercises group (B)received abdominal electrolipolysis program for two month (one every other day). both groups received a dietary regimen of 1000 kc1/day . in the present study weighth and B.M.I showed no significant difference between both groups A and B before treatment and after two months of treatment program ($p>0.05$)but abdominal skin fold thickness shows high significant decrease from before to after in group B ($p<0.014$). these results revealed that abdominal exercises and abdominal electolypolsis are alternative methods for reduction of abdominal obesity , however , abdominal electrolipolysis is more effective than abdominal exercises in reducing abdominal fat in young females .</p>		
Key words	1.	abdominal exercises.
	2.	abdominal fat.
	3.	Electrolipolysis.
Arabic Title Page	:	فعالية التحليل الكهربائي مقابل تمارينات البطن على دهون منطقة البطن في صغار الاناث.
Library register number	:	996-997.

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Author	:	Nesreen Ghareb Mohamed Mohamed El-Nahas.
Title	:	Effects of interval training exercise on the performance of subjects with exercise induced bronchospasm.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Awny Fouad Rahmy.
	2.	Aida Hussein Mohamed Aly.
	3.	Azza Fekry Ismail.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of the study was to investigate the effect of interval work load training on the performance of subjects with exercise induced bronchospasm . forty subjects were enrolled in this study . they underwent a preliminary ventilatory function test as to mark out the values of FEV1 , and MVV index ; then they performed exercise capacity test to determine the MWR for each one . they were classified into 3 groups according to their rate of perceived exertion by using borg rating scale ; (Gr . (A), n = 2), (Gr . (B)0 , n = 22)and (Gr . (C), n =16). the ventilatory functions were repeated again , immediately after exercise , after 5 , 10 and 15 minutes . all subjects were trained for 3 months in the form of interval training by using 60 % and 40 % of the MWR . after the training period the pervious tests were repeated and applied by the same order where the results of borg scale were ; (Gr . (A), n = 12), (Gr . (B), n = 26)and Gr . (C), n = 2). it was concluded that , the interval training enhances the performance of subjects with EIB , with a significant improvement in the MWR , and decreases their borg score of perceived exertion , as well as improves their ventilatory response to exercise .</p>		
Key words	1.	Exercise induced bronchospasm.
	2.	ventilatory functions.
	3.	exercise training.
	4.	Performance.
	5.	brochospasm.
Arabic Title Page	:	تأثير التمرينات المرحلية علي اداء الاشخاص ذوى الانقباض الشعبي الناتج عن التمارين.
Library register number	:	1006-1007.

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Author	:	Sherin Hassan Mohamed Mehani.
Title	:	Aerobic training effect on symptomatic mitral valve prolapse in females.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Nagwa Mohamed Hamed Badr.
	2.	Zeinab Mohamed Helmy.
	3.	Hamdy Soliman Mahmoud.
Degree	:	Master.
Year	:	2003.
Abstract	:	
<p>The aim of this research was to study the effect of aerobic training on the personality trait variables and on exercise tolerance indices to aid in symptoms control in mitral valve prolapse syndrome . forty female complaining of mitral valve prolapse syndrome symptoms participated in this study , their ages ranged from 20-35 years . twenty patients were trained by aerobic exercise and the other twenty patients were taken as a control group . the results of this study revealed a significant reduction of personality traits for the training group , while revealed insignificant increase for the control group . the results also revealed a significant increase of exercise tolerance indices for the training group , while for the control group , there was insignificant increase .</p>		
Key words	1.	aerobic training.
	2.	symptomatic mitral valve prolapsed.
	3.	Females.
Arabic Title Page	:	تأثير التمرينات الهوائية على اعراض سقوط الصمام الميترالى فى السيدات.
Library register number	:	940-941.

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Author	:	Tamer Mahmoud Sabry Mowafy.
Title	:	Influence of aerobic exercises training on type II diabetic hypertensive patients.
Dept.	:	Physical Therapy Department for Cardiopulmonary Disorder and Geriatrics and its Surgery.
Supervisors	1.	Zeinab Mohamed Helmy EL-Sayed.
	2.	Alaa Afify.
	3.	Hala Mohamed Ez El-Dine Hamed.
Degree	:	Master.
Year	:	2003.
Abstract	:	
This research studied the effect of aerobic training (treadmill training) on diabetic (type2) hypertensive patient from diabetic clinic in Sherpien hospital twenty patients were trained by aerobic exercise with treadmill at 80 % of maximum heart rate the other twenty patients were taken as a control group both groups were on their medications the results revealed a significant reduction of fasting and post prandial blood glucose level for training group the results also revealed a significant reduction in systolic and diastolic blood pressure in training group.		
Key words	1.	aerobic in training.
	2.	Females.
	3.	diabetes (type2).
	4.	diabetic hypertensive patients.
Arabic Title Page	:	تأثير التمرينات الهوائية على مرضى البوال السكرى (النوع الثانى) والمصابين بالضغط المرتفع.
Library register number	:	1014-1015.