

## Department of Basic Science

Master Degree  
1977

Author	:	Ali Darwish A. Saleh.
Title	:	Comparative study on the effect of progressive resistive exercises upon blood pressure and heart rate on athletic and non athletic subjects.
Dept.	:	Department of Basic Science.
Supervisors	1.	Ahmed Y. Malek.
	2.	Awatf Mohamed Labib.
Degree	:	Master.
Year	:	1977.
Abstract	:	
<p>The aim of this work is to study the effect of progressive resistive exercises upon blood pressure and heart rate on athletic and non athletic subjects . This work was carried out by thirty students divided into two groups . Group A athletic , group B non athletic . Both of them take the same program of exercises . In group A: the blood pressure was decreased than before exercises . The decrease was significant on the 10th min. as it is compared to that before exercises on the last day . The heart rate was significantly decreased on the 10th. min. on the last day of exercises program as it is compared to that before exercises . In group B: the blood pressure showed a significant decreased on the 15th min. on the last day as it is compared to that before exercises . The heart rate was decreased on the last day of exercises program , but without any statistical significant . The decreased in blood pressure for group A was more higher than group B . The decreased in the heart rate was significant in A and insignificant in group B . We concluded that the progressive resistive exercises decreased the blood pressure and heart rate in both groups , but the athletic group gained better results than the non athletic .</p>		
Key words	1.	Exercise Blood pressure Heart.
	2.	Abnormalities Athletics.
	3.	Adulthood.
	4.	Young.
	5.	Adults.
Arabic Title Page	:	دراسة مقارنة لآثر تمارينات المقاومة المتدرجة على ضغط الدم وسرعة ضربات القلب في الاشخاص الرياضيين والغير رياضيين.
Library register number	:	36-37.

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DEPARTMENT OF BASIC SCIENCE  
PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

<b>Author</b>	:	Hany M. Gaber.
<b>Title</b>	:	Administration and organization in physical therapy.
<b>Dept.</b>	:	Department of Basic Science.
<b>Supervisors</b>	1.	Ali Khalil El Atfy.
	2.	Ashraf Hassouna.
<b>Degree</b>	:	Master.
<b>Year</b>	:	1977.
<b>Abstract</b>	:	
Administration and organization are one of the foundations of physiotherapy . As physiotherapy is made of education and practice , this thesis daels with the first part namely the Administration and organization of the study of physical therapy .		
<b>Key words</b>	1.	Administrative ability.
	2.	Organization Management.
	3.	Ability Administrative.
	4.	Responsibility.
	5.	Ethics.
	6.	Ethical therapy.
<b>Arabic Title Page</b>	:	التنظيم والادارة في مجال العلاج الطبيعي.
<b>Library register number</b>	:	7-8.

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PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

<b>Author</b>	:	Moustafa H. Sallam.
<b>Title</b>	:	The use of cold application in physical therapy.
<b>Dept.</b>	:	Department of Basic Science.
<b>Supervisors</b>	1.	Hussein Abd El Fatah.
	2.	Abd El Rahman Shabara.
<b>Degree</b>	:	Master.
<b>Year</b>	:	1977.
<b>Abstract</b>	:	
<p>The aim of this essay is to review the uses of cold application in physical therapy . these papers included the following subjects : (1) History of cold therapy . (2) Physiological effects of cooling. (3) Pathological effect of cold application (complications) . (4) Indications for cryotherapy . (5) Contra indications for cryotherapy . (6) methods and applications of cold therapy . (7) The changes of intramuscular temperature during cold application .</p>		
<b>Key words</b>	1.	Hydrotherapy.
	2.	cold application.
<b>Arabic Title Page</b>	:	استخدام وسائل التبريد فى العلاج الطبيعى.
<b>Library register number</b>	:	9,1072.

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THESES 1977**