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.
               2. Awatef Mohamed Labib.
Degree : Master.
Year : 1977.
Abstract : 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.

Key words 1. Exercise Blood pressure Heart.
          3. Adulthood.
          4. Young.
          5. Adults.

Arabic Title Page : دراسة مقارنة لأثر تمرينات المقاومة المتدرجة على ضغط الدم وسرعة ضربات القلب في الأشخاص الرياضيين والغير الرياضيين.

Library register number : 36-37.
Administration and organization are one of the foundations of physiotherapy. As physiotherapy is made of education and practice, this thesis deals with the first part namely the Administration and organization of the study of physical therapy.

Key words
1. Administrative ability.
2. Organization Management.
3. Ability Administrative.
4. Responsibility.
5. Ethics.
6. Ethical therapy.

Authors: Hany M. Gaber.
Title: Administration and organization in physical therapy.
Dept.: Department of Basic Science.
2. Ashraf Hassouna.
Degree: Master.
Year: 1977.

Abstract:
Administration and organization are one of the foundations of physiotherapy. As physiotherapy is made of education and practice, this thesis deals with the first part namely the Administration and organization of the study of physical therapy.

Key words
1. Administrative ability.
2. Organization Management.
3. Ability Administrative.
4. Responsibility.
5. Ethics.
6. Ethical therapy.

Library register number: 7-8.
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.

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<td>Hydrotherapy.</td>
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<td>cold application.</td>
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**Arabic Title Page**: استخدام وسائل التبريد فى العلاج الطبيعي.

**Library register number**: 9,1072.