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التوثيق الالكتروني والميكرو فيلم

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بالرسالة صفحات

لم ترد بالأصل

Cairo University
Faculty of Physical Therapy
Department of Physical Therapy
For Musculoskeletal Disorders

***A suggested Physical Therapy Program in Failed Back
Surgery Syndrome for Lumbar Disc Prolapse***

By
El –Sadat Saad Soliman

BSc. PT, Cairo University, 1996

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the master degree of Science in physical therapy**

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Supervisors

Professor Doctor Ahmed Hassen Houssin Ph.D,PT.
professor and Chairman of the Department of
Physical Therapy for Musculoskeletal Disorders.
Faculty of Physical Therapy, Cairo University

Professor Doctor Youssry Mohamed Kamal El Hawary Ph.D.,
Professor of Orthopedic Surgery
Orthopedic Surgery Department,
Faculty of Medicine,
Cairo University

Alaa Eldin Abd Elhakim Balbaa Ph.D,PT.
Lecturer of Orthopedic Physical Therapy
Department of Physical Therapy for Musculoskeletal
Disorders, Faculty of Physical Therapy,
Cairo University

بسم الله الرحمن الرحيم

"اقرأ باسم ربك الذى خلق خلق الانسان من علق
اقرأ وربك الاكرم الذى علم بالقلم علم الانسان ما لم
يعلم"

سورة العلق الايات 1 الى 5
صدق الله العظيم

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Dedication

*To my Mother, Father,
and brothers who helping
me all over my life.*

Abstract

A suggested physical therapy program in failed back surgery syndrome for lumbar disc prolapse./Elsadat Saad Soliman , Prof. Ahmed H. Hussein, Prof Youssry M.K. El Hawary, Alaa Eldin A.Balbaa Ph.D. : Cairo University. Faculty of Physical Therapy, Department of Musculoskeletal Disorders, 2002. Master Thesis.

The purpose of the study was to develop and evaluate a suggested physical therapy program(Ultrasonic therapy, stretching, and strengthening exercises) for the management of patients with failed back surgery syndrome after lumbar disc surgery, the study included 30 patients(17 males and 13 Female)randomly selected and divided into two groups, the experimental group that received the suggested program, and the controlled group that received the traditional physical therapy program(Infra red, massage, skin rolling , and stretching for lower limb muscles)the program duration was 10 wks for both groups, the assessment for both groups included the visual analogue scale, the modified schober test, the Oswestry disability questionnaire, and the isostation dynamometer. The results showed that there were significant differences between the two groups in post treatment status in favor of the experimental group regarding the pain intensity, the distance of walking, the lumbar range of motion, the functional disability level, and the back muscles torque.

Key words (Failed back surgery – Physiotherapy- Lumbar disc prolapse) :

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