

سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بالرسالة صفحات لم ترد بالأصل



Low Intensity Laser Therapy in Osteoarthritis

BY

Ali Mahmoud Taha

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of Fulfillment of Doctoral Degree
in Physical Therapy

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

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SUPERVISORS

Prof. Dr.: Abd EL Rahman A.R. Chabara *chabara*

Professor of Physical Therapy for Musculo Skeletal
Disorders and its Surgery, Faculty of Physical Therapy,
Cairo University

Prof. Dr.: Yehia Abd El Hamid Badr

Dean of National Institute of Laser,
Cairo University

Prof. Dr.: Ahmed Abd El Aziz Ahmed

Professor of Orthopedic Surgery,
Faculty of Medicine,
Cairo University

Low Intensity Laser Therapy in Osteoarthritis

Abstract

Key Words: (Osteoarthritis, low intensity laser, laser therapy).

The purpose of this study was to investigate the effect of photobiostimulation on chondroprotection and degradation processes in osteoarthritis. Seventy and five rabbits are divided in to equal seven groups and five rabbits (control group). Partial medial menisectomy was done and after three months each group was treated with different laser weave for one month. Hisological study for knee joint of rabbits was performed after death. Studies revealed that laser therapy increased matrix formation, chondroblasts and cell nests of chondrocytes in deep parts of articular cartilage.

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Dedication

This work is dedicated

To

**My mother, spirit of my father, my wife
and beloved children with love,
appreciation and best wishes for healthy
as well as happy long life.**

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