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بالرسالة صفحات لم ترد بالاصل

EFFICACY OF LIPOMASSAGE IN REDUCTION OF SECONDARY LYMPHEDEMA

Thesis
Submitted in Partial Fulfillment for the Requirement of
Master Degree in Physical Therapy

By

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Efficacy Of Lipomassage In Reduction Of Secondary Lymphedema/ Nevine Mohamed Mohamed Abd El Meguid, Supervisors: **Prof. Dr. Azza Abdel-Aziz Abdel-Hady**, Professor in the Department of Physical Therapy for Cardiovascular / Respiratory Disorder and Geriatrics, Faculty of Physical Therapy, Cairo University; **Dr. Fatma Abo El Magd Mohamed,** Lecturer in the Department of Physical Therapy for Cardiovascular/Respiratory Disorder and Geriatrics, Faculty of Physical Therapy, Cairo University; **Dr. Hossam Abol Atta,** Lecturer in the Department of Plastic Surgery, Faculty of Medicine, Ain Shams University; Master Thesis. 2011.

ABSTRACT

The aim of this study was to determine the Effecacy of lipomassage in reduction of secondary lymphedema in the upper limb. This study was conducted on forty female patients with secondary lymphedema post mastectomy who were assigned for the study, their ages were ranged from 30 to 50 years, all patients have signs of secondary lymphedema which is swelling of the affected limb and all the patients received compression bandage. Patients were divided into two groups. **Group A** twenty subjects included in this group and have been received LPG sessions two days per week with duration of twenty minutes for four weeks with compression bandage. **Group B** twenty subjects received compression bandage only for four weeks. Circumfrential measurements at metacarpalphalangeal joint, wrist joint, 10 cm distal and 15 cm proximal to the lateral epicondyle were taken before and after the study in all patients participated in the study. The results showed that the swelling accompanied with secondary lymphedema post mastectomy was significantly decreased at the four levels of measurements in group (A) more than group (B). Group (A) conferred additional benefits in terms of a significant improvement in reported arm range of movement and decrease of accompanied pain.

Key words: Lipomassage, secondary lymphedema, mastectomy, elastic bandage.

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