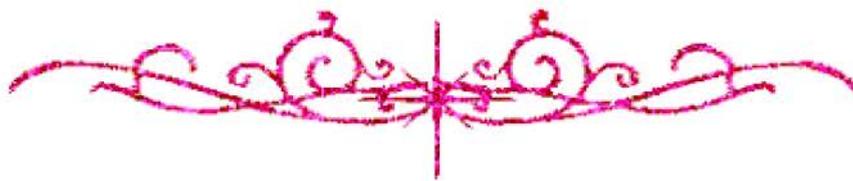


سامية محمد مصطفى



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغييرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



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بعض الوثائق الأصلية تالفة



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شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل



Relationship Between Spinal Curvatures and Prolapsed Female Genital Organs

Thesis

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

By

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Abstract

This study was conducted to establish a sound relationship between spinal curvatures and the occurrence of female genital organs prolapse.

Sixty women were participated in this study, thirty of them were suffering from second degree uterine prolapse and were serving as a study group while, the remaining thirty were normal and healthy and were serving as a control group. Their age ranged between thirty to forty five years old.

All women were enrolled to be examined by lateral views of X-rays for the thoracic, lumbar and pelvic inlet angles. The results of this study showed a significant increase in the thoracic kyphosis and pelvic inlet angles whereas; the lumbar lordotic angle was significantly decreased for the study group compared to the control group. Accordingly, it can be concluded that significant changes in the spinal curvatures could be a predisposing factor in developing genital organs prolapse or play an effective role in its occurrence.

Key words: Genital prolapse, Pelvic relaxation and Spinal curvatures.

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Dedication

*To my parents and my family
with love & respect.*

List of Abbreviations

| Abbreviation | Interpretation |
|--------------------|---|
| BMI | Body Mass Index. |
| C | Cervical. |
| Cms | Centimeters. |
| COPD | Chronic Obstructive Pulmonary Diseases. |
| EMG | Electromyography. |
| Fig. | Figure. |
| I.e. | That is to say. |
| Kgs | Kilograms. |
| Kgs/m ² | Kilograms/Meter square. |
| KVs | Kilo volts. |
| L | Lumbar. |
| Max. | Maximum. |
| Min. | Minimum. |
| ml. sec. | Milliseconds. |
| MRI | Magnetic Resonance Imaging. |
| NMS | Neuromuscular Stimulation. |
| no. | Number. |
| PFM | Pelvic Floor Muscles. |
| POP | Pelvic Organs Prolapse. |
| S | Sacral. |
| SD | Standard Deviation. |
| T | Thoracic. |
| Yrs. | Years. |
| ↑ | Increased. |
| ↓ | Decreased. |
| % | Percentage. |

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