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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

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EFFECT OF OZONE THERAPY IN TREATING TOXOPLASMOSIS IN CASES WITH RECURRENT ABORTION

Thesis

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

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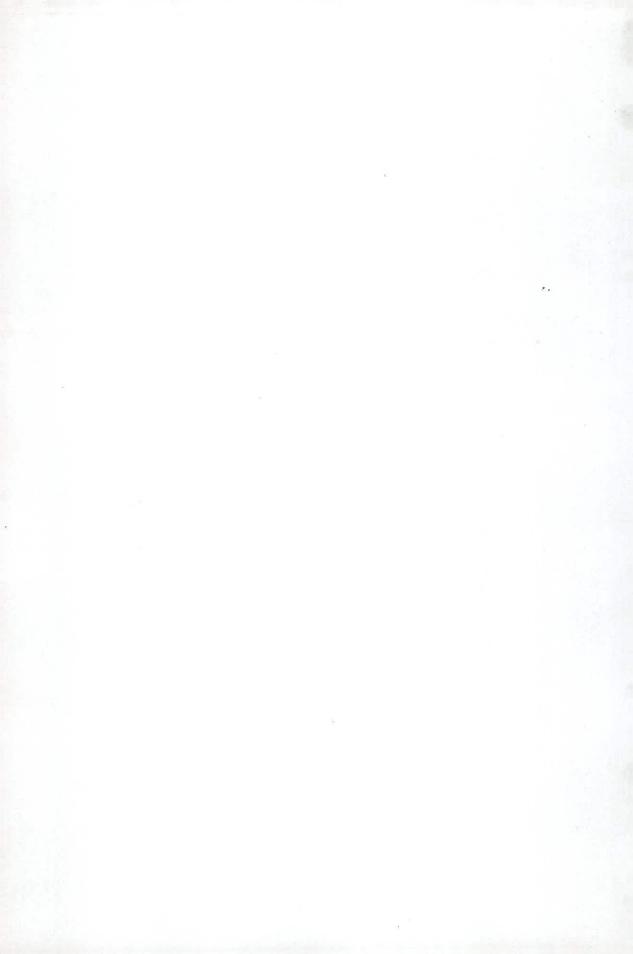
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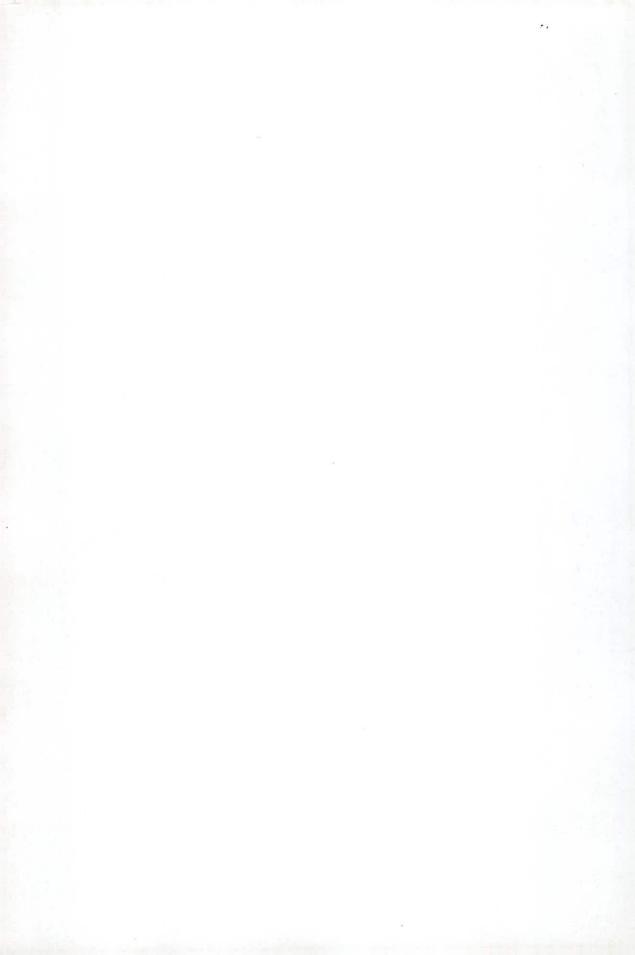
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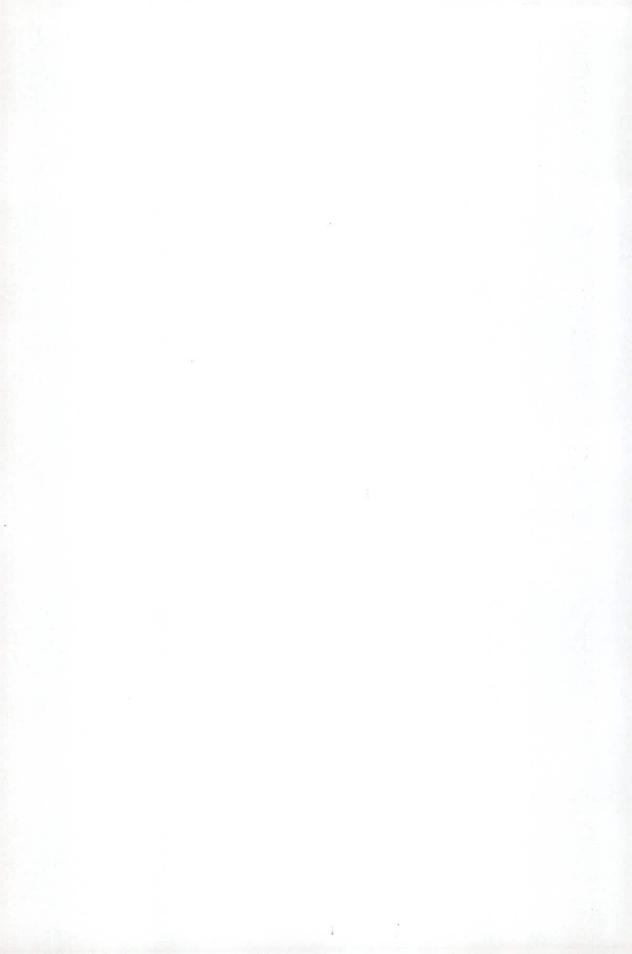
Abstract

This study is conducted to evaluate the effect of ozone therapy in treating toxoplasmosis in cases with recurrent abortion. Thirty toxoplasmatic patients were participated in this study. Patients were assigned randomly into two groups (15 patients each). Group (A) study group received ozone treatment through rectal insufflation with 250-300 ml of medical ozone gas and in a concentration ranging between 20-40 μg/ml O₃ in O₂, six sessions per week for 4 weeks. Group (B) control group received treatment in the form of Spiramycin 3 MIU tablets twice per day for 4 weeks. Evaluations of all patients in both groups was done through measuring immunoglobulin M (IgM) before and after the end of the treatment.

The results of the present study showed a highly significant decrease in IgM in the study group (A). Also, in control group (B) there was a significant decrease in IgM. Comparing between both groups (A & B) before treatment showed non significant difference while after treatment there was a highly significant decrease in IgM in the study group (A) compared to control group (B). In addition, the recovery rate was about 66.67 % in group (A), while in group was about 26.67 %.

Accordingly, it can be concluded that medical ozone is an effective therapeutic modality for treating toxoplasmosis as well as, it is a safe modality and has no harmful effects on the women.

Keywords: Ozone therapy, toxoplasmosis, recurrent abortion, immunoglobulin M.



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