شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

Ain Shams University Information Network

جامعة عين شمس

شبكة المعلومات الجامعية

@ ASUNET

شبكة المعلومات الجامعية

شبكة المعلومـــــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قَسَم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %

شبكة المعلومات الجامعية

بعض الـوثـــائق

الأصـلية تـالـفـــة

شبكة المعلومات الجامعية

بالرسالة صفحات

لم ترد بالأصـــل

Widal and Malta Agglutination Titres in Patients with Chronic Liver Disease in Liver Institute, Menoufia Province

Thesis

Submitted in partial fulfillment of
Master Degree in **Tropical Medicine**

By

Mohamed Omar Mohamed
Tropical Medicine Department
Liver Institute, Menoufia University

Supervisors

Prof. Dr. Mohamed Fathi Abdel Wahab
Prof. Tropical Medicine Department
Ain Shams University

Dr. Mohamed Sayed Mostafa
Assist. Prof. Clinical Pathology Department
Liver Institute, Menoufia University

Dr. Ali Zaki Helmy
Assist. Prof. Tropical Medicine Department
Ain Shams University

B
9995

Faculty of Medicine
Ain Shams University
1999

بسم الله الرحمن الرحيم

"قالوا سبحانك لا علم لنا إلا ما علمتنا انك انت العليم الحكيم"

صدق الله العظيم

البقرة / ٣٢

To...

My Father

Mohamed Omar

Acknowledgment

It has been a great pleasure to work under the supervision of **Prof. Dr. Mohammed F. Abdel Wahab,** Prof. of Tropical Medicine, Faculty of Medicine, Ain Shams University. His guidance and encouragment have paved the way for me to complete this work. He was very helpful and his efforts in revising the work were of great value.

I'm also very grateful to **Dr. Ali Zaki Helmy,** Assist. Prof. of Tropical Medicine, Ain Shams University, who has keenly supervised my work and guided every step until it was completed.

Also, I would like to express my deepest gratitude to Assist. **Dr. Mohammed Said Mostafa,** Assist. Prof. of Clinical Pathology, Liver Institute Menoufia University, for his kind help, assistance and his remarkable efforts.

I would also like to thank **Dr. Tarry Abdel Hamid** Lecturer of Tropical Medicine ,Liver Institute, Menoufia University, for performing the ultrasonic examination included in this study and for her guidance and kind co-operation.

Lastly I would like to thank all the staff in the Tropical medicine Department in Liver Institute for their great guidance.

Contents

Page

Introduction and aim of the work 1

Review of Literature 3

Typhoid fever 3
Brucellosis 22
Chronic liver disease 39
- Autoimmune hepatitis 43
- Chronic hepatitis B 50
- Chronic hepatitis C 56
- Cirrhosis 65
Immunological disorders in chronic liver disease 73

Patients and Methods 83

Results 89

Discussion 107

Summary 115

Conclusion and Recommendations 119

References 120

Arabic Summary ..... --