



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية 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 الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



Assessment of Sensitivity of Exercise-Testing in Detection of Salvaged Myocardium after Myocardial Infarction Compared with Low- Dose Dobutamine Echocardiography

THESIS

*Submitted In Partial Fulfillment
For Master Degree in Cardiology*

BY

Ibrahim Abdel-Hamid Ibrahim
M.B., B. CH.

Supervised BY

Prof. Dr. Samir Saleh Wafa

*Professor of Cardiology
Faculty of Medicine
Ain Shams University.*

Ass. Prof. Dr. Khaled Abdel Latif Elmeniawy

*Assistant professor of Cardiology
Faculty of Medicine
Ain Shams University*

Dr. Nireen Khalifa Okasha

*Lecturer of Cardiology
Faculty of Medicine*

BV 09V

Ain Shams University
2002

188
Michael Hunter-Isaac, mihonit
179 8 9 10

مع القوله ايها كرمه من غير خفايه
العلماء وانا في كرمه اليافيه والاف
الرحه والاكافيه

داير الهميه اليافيه

داير الهميه

داير الهميه

داير الهميه

1871

1872

1873

1874

1875

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

ACKNOWLEDGEMENT

Firstly, I wish to express my sincere gratitude and thanks to Allah who always help me and care for me.

Then, no word can fulfill my parents who have all the right to be happy for me now, at their place.

It is of my great pleasure to express my sincere thanks and gratitude to Prof. Dr. Samir Saleh Waffa, Professor of cardiology, Faculty of Medicine, Ain Shams University, who gave me the honor of supervising this work and supplied me with continuous and constant paternal help.

I would like to express my deepest gratitude to Ass. Prof. Dr. Khaled Abdel Latif Elmeniaawy Assistant Prof. Of cardiology, Faculty of Medicine, Ain Shams University, who had supported and greatly influenced every detail by his enthusiastic guidance, innovation and constructive criticism.

I am deeply indebted to Dr. Nireen Khalifa Okasha Lecturer Of cardiology, Faculty of Medicine, Ain Shams University, for beneficial supervision and her support to me in this work.

Acknowledgement

, I wish to express my deepest gratitude to Dr. Sameh Thabet, Lecturer Of cardiology, Faculty of Medicine, Ain Shams University for his unlimited support and valuable help throughout this work.

LIST OF CONTENTS

<i>Introduction</i>	1
<i>Aim of the work</i>	3
<i>Review of Literature</i>	5
<i>Myocardial Viability</i>	5
<i>Dobutamine Echo</i>	21
<i>Exercise Test</i>	43
<i>Subjects & Methods</i>	65
<i>Results</i>	73
<i>Discussion</i>	101
<i>Summary & conclusion</i>	109
<i>References</i>	113
<i>Arabic Summary</i>	

