

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار في درجة حرارة من ١٥-٥٠ مئوية ورطوبة نسبية من ٢٠-٠٠% To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%



بعض الوثائـــق الإصليــة تالفــة



بالرسالة صفحات لم ترد بالإصل

(B071)

ROLE OF COMPUTED TOMOGRAPHY IN ASSESSMENT OF PELVIC FRACTURES

Thesis

Submitted in Partial Fulfillment for Master Degree in Radiodiagnosis

Presented By
ALAA MAHMOUD MOHAMED
(M.B., B.Ch.)

Supervisors

DR. TAMER AHMED KAMAL

Assist. Prof. of Radiodiagnosis Benha Faculty of Medicine Zagazig University

DR. MOURAD ADLY AMIN

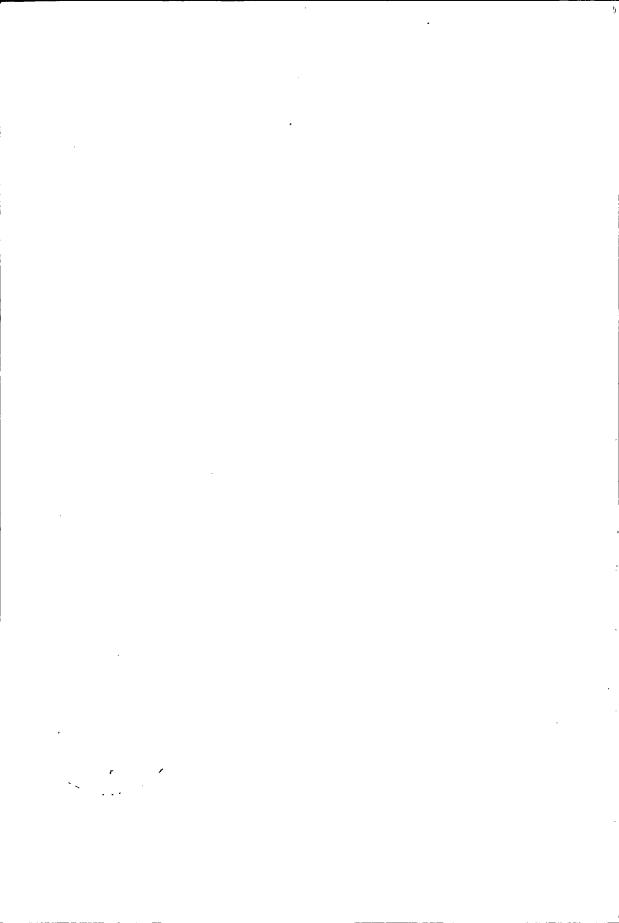
Lecturer of Radiodiagnosis Benha Faculty of Medicine Zagazig University

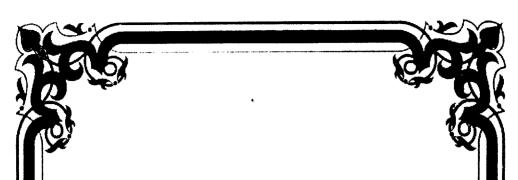
DR. SAMIR MOHAMED ZAHED

Lecturer of Orthopedic Surgery Benha Faculty of Medicine Zagazig University

BENHA FACULTY OF MEDICINE ZAGAZIG UNIVERSITY







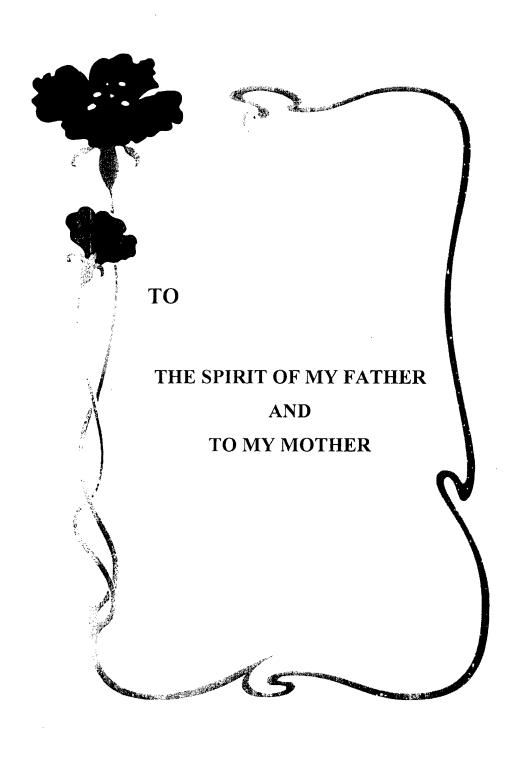
712718 70718 (2018 17) 1011 1012 7 6012 000 2001

﴿وعلمک ما لم نکن نعلم وکان فضل الله علېک عضام ﴾

" صدق الله العظيم" سورة النساء (١١٣)









ACKNOWLEDGEMENT

I would like to express my deepest gratitude and appreciation to *DR. TAMER AHMED KAMAL* Assistant Professor of Radiodiagnosis, Benha Faculty of Medicine, for his wise guidance and detailed supervision.

I am deeply thankful to *DR. MOURAD ADLY AMIN*, Lecturer of Radiodiagnosis, Benha Faculty of Medicine for his valuable supervision and continuous help.

I wish also to express my deepest thanks to *DR. SAMIR MOHAMED ZAHED*, Lecturer of Orthopaedic Surgery, Benha Faculty of Medicine, for his generous cooperation and constructive supervision during this work.

Finally, I am grateful to all my senior staff-members and colleagues in Radiodiagnosis and Orthopaedic Surgery Departments for their help and cooperation throughout this work.



CONTENTS

	Page
* INTRODUCTION	1
* AIM OF THE WORK	2
* REVIEW OF LITERATURE -Anatomy of the pelvic - Pathoanatomy of pelvic ring injury - Classification of pelvic ring injury - Sacral fracture patterns - Acetabular fracture - Associated soft tissue injuries - CT features of pelvic fractures - Interventional CT - Technique of examination	3 16 17 35 37 47 55 65
* PATIENTS AND METHODS	68 k
* RESULTS	70
❖ CASE PRESENTATION	83
* DISCUSSION	106
❖ SUMMARY AND CONCLUSION	114
* REFERENCES	116
❖ ARABIC SUMMARY	

