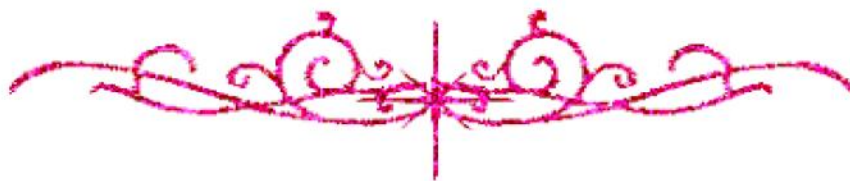


# بسم الله الرحمن الرحيم





# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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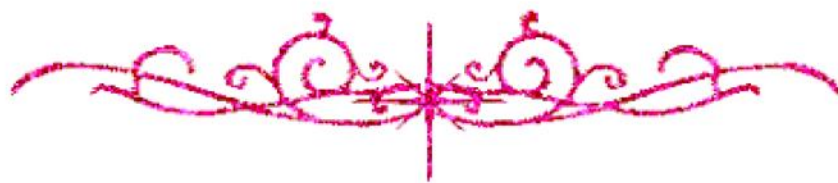
# بعض الوثائق الأصلية تالفة







بالرسالة صفحات  
لم ترد بالأصل



# **Retinal Nerve Fibre Layer Assessment in Glaucoma and Glaucoma Suspect by Optical Coherence Tomography (OCT)**

Thesis

Submitted for Partial Fulfilment of Master Degree  
in Ophthalmology

By

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2020

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سببنا نك لا علم لنا  
إلا ما علمتنا إنك أنت  
العليم العظيم

صدق الله العظيم

سورة البقرة الآية: ٣٢

# Acknowledgment

*First and foremost, I feel always indebted to **ALLAH**, the Most Kind and Most Merciful.*

*I'd like to express my respectful thanks and profound gratitude to **Prof. Mohamed Omar Rashed**, Professor of Ophthalmology - Faculty of Medicine- Ain Shams University for his keen guidance, kind supervision, valuable advice and continuous encouragement, which made possible the completion of this work.*

*I am also delighted to express my deepest gratitude and thanks to **Dr. Mohamed Abd El-Hakim Zaky**, Assistant Professor of Ophthalmology, Faculty of Medicine, Ain Shams University, for his kind care, continuous supervision, valuable instructions, constant help and great assistance throughout this work.*

*I am deeply thankful to **Dr. Weam Mohamed Ahmed Ebeid**, Assistant Professor of Ophthalmology, Faculty of Medicine, Ain Shams University, for her great help, active participation and guidance.*

*Last but not least, I would like to express my hearty thanks to all my family for their support till this work was completed.*

**Ahmed Mohamed El-Dabae**



# Dedication

## This work is dedicated to ...

**My beloved father**, to whom I owe everything I ever did in my life and will achieve and making me the man, I am now.

**My mother** for always being there for me.

**My sisters** for their support and love.

**My Kind Father in Law (Prof. Dr. Khaled Nagy)** for his continuous encouragement.

Finally **my wife** for her support and continuous encouragement from step to other higher step, **and my lovely kid (Omar)** for being the light of my life.

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# List of Abbreviations

Abb.	Full term
<i>CCD</i> .....	<i>Charge-coupled device</i>
<i>HRT</i> .....	<i>Heidelberg Retinal Tomograph</i>
<i>IOP</i> .....	<i>Intraocular pressure</i>
<i>IPLs</i> .....	<i>Inner plexiform layers</i>
<i>MD</i> .....	<i>Mean deviation</i>
<i>NTG</i> .....	<i>Normal tension glaucoma</i>
<i>OAG</i> .....	<i>Open angle glaucoma</i>
<i>OCT</i> .....	<i>Optical coherence tomography</i>
<i>OHT</i> .....	<i>Ocular hypertension</i>
<i>ONH</i> .....	<i>Optic nerve head</i>
<i>POAG</i> .....	<i>Primary open-angle glaucoma</i>
<i>PPA</i> .....	<i>Parapapillary atrophy</i>
<i>PSD</i> .....	<i>Pattern standard deviation</i>
<i>RGCs</i> .....	<i>Retinal ganglion cells</i>
<i>RNFL</i> .....	<i>Retinal nerve fiber layer</i>
<i>SAP</i> .....	<i>Standard automated perimetry</i>
<i>SD-OCT</i> .....	<i>Spectral domain OCT</i>
<i>SLP</i> .....	<i>Scanning laser polarimetry</i>
<i>SS-OCT</i> .....	<i>Swept source OCT</i>
<i>PPA</i> .....	<i>parapapillary atrophy</i>
<i>GCC</i> .....	<i>ganglion cell complex</i>