

THE ROLE OF ULTRASOUND BIOMICROSCOPY AND OPTICAL COHERENCE TOMOGRAPHY IN EVALUATING THE ANTERIOR SEGMENT OF THE EYE

Essay

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By

Yousra Gamal Abdou El Guindy

M.B.,B.Ch.

Faculty of Medicine – Ain Shams University

Supervised by

PROF. DR. HODA MOHAMED SABER NAEIM

Professor of Ophthalmology

Faculty of Medicine - Ain Shams University

DR. WALEED MOHAMED EL-ZAWAHRY

Lecturer of Ophthalmology

Faculty of Medicine - Ain Shams University

Faculty of Medicine
Ain Shams University
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تحت إشراف

أ.د/ هدى محمد صابر نعيم
أستاذ طب وجراحة العيون
كلية الطب- جامعة عين شمس

د/ وليد محمد الظواهري
مدرس طب وجراحة العيون
كلية الطب- جامعة عين شمس

كلية الطب
جامعة عين شمس
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LIST OF ABBREVIATIONS

μm	Micrometer
μw	Micro Watt
2-D	Two Dimensional
3-D	Three Dimensional
A scan	Amplitude Scan
AC cornea OCT	Anterior chamber/ Cornea OCT
AC	Anterior Chamber
ACA	Anterior Chamber Angle
ACD	Anterior Chamber Depth
ACG	Angle Closure Glaucoma
ACW	Anterior Chamber Width
AOD	Angle-Opening Distance
ARA	Angle Recess Area
AS-OCT	Anterior Segment OCT
B SCAN	Brightness Scan
BCVA	Best Corrected Visual Acuity
C	Cornea
CAS-OCT	Corneal Anterior Segment OCT
CB	Ciliary body
CBS	Capsular Block Syndrome
CCD	Charge Coupled Device
CCT	Central Corneal Thickness
CLR	Crystalline Lens Rise
C-scan	Coronal Scan
D	Diopter
Db	Decibel
DOF	Depth of Field
DSEK	Descemet's Stripping Endothelial Keratoplasty

FDA	Food and Drug Administration
FD-OCT	Fourier Domain OCT
ICL	Implantable Contact Lens
ICPD	Iridociliary Process Distance
Intacs	Intrastromal Corneal Ring Segments
I	Iris
IC	Iris Convexity
ICPD	Iris Ciliary Process Distance
ILCD	Iris Lens Contact Distance
IOL	Intra-Ocular Lens
IOP	Intra-Ocular Pressure
IRC	Iris radius of curvature
IT	Iris thickness
IZD	Iris Zonular Distance
KHZ	Kilo Hertz
L	Lens
LASIK	Laser Assisted in Situ Keratomileusis
LC	Lens Capsule
LI	Laser Iridotomy
LPI	Laser Peripheral Iridotomy
m/sec	Meter Per Second
MHz	Megahertz
mW	Milli Watt
NEB	Noise Equivalent Bandwidth
Nd YAG	Neodymium YAG
Nm	Nanometer
OCP	Optical Coherence Pachymetry
OCT	OCT
OTI	Ophthalmic Technologies Inc.

PAS	Peripheral Anterior Synechia
PC	Posterior Chamber
PCD	Posterior Chamber Depth
PCIOL	Posterior Chamber Intra-Ocular Lens
PCO	Posterior Capsular Opacification
PCT	Posterior Capsular Opacification Thickness
PDS	Pigment Dispersion Syndrome
pIOL	Phakic Intra-Ocular Lens
PKP	Penetrating Keratoplasty
PMMA	Poly-Methyl Metha-Acrylate
POAG	Primary Open Angle Glaucoma
PRK	Photorefractive Keratectomy
PTK	Phototherapeutic Keratotomy
RSB	Residual Stromal Bed
S	Sclera
Sec	Second
SD	Standard Deviation
SD-OCT	Spectral Domain OCT
SLD	Super Luminescent Diode
SLO	Scanning Laser Ophthalmoscope
SL-OCT	Slit Lamp Adapted OCT
SS-OCT	Swept Source OCT
SS-IR	Sclera Spur Iris Insertion Distance
ST	Scleral Thickness
TCPD	Trabecular- Ciliary Process Distance
TD-OCT	Time Domain OCT
TIA	Trabecular- Iris Angle
TICD	Trabecular-Iris Contact Distance
TICL	Trabecular-Iris Contact Lens

TID	Trabecular-Iris Distance
TISA	Trabecular Iris Spur Area
U/S	Ultrasound
US	United States
UBM	Ultrasound biomicroscopy
UHR-OCT	Ultra High Resolution OCT
VA	Visual Acuity
Vs	Versus
WTW	White to White