



Curriculum Vitae of



PROF .DR. MOHAMMED M.H. EMARAH

***PRESIDENT EMERITUS OF THE UNIVERSITY OF MANSOURA
FOUNDER OF THE DEPARTMENT OF OPHTHALMOLOGY
VICE PRESIDENT OF MEDICAL SECTION OF
SUPREME COUNCIL OF UNIVERSITIES
WINNER NATIONAL PRIZE FOR SCIENTIFIC DISTINCTION
PRESIDENT OF THE INTERNATIONAL AFRO-ASIAN COUNCIL OF
OPHTHALMOLOGY
EGYPT***

I- PERSONAL BIOGRAPHY

FULL NAME : Prof. Dr. Mohamed H. M. EMARAH.

PLACE OF BIRTH: Cairo

DATE OF BIRTH : December 19, 1934.

MARITAL STATE : Married and father of two children (a son and a daughter, both medically qualified).

NAME OF WIFE: Prof. Dr. Eng. Nadia H. M. HEGAZI, Ph.D. (Computer Engineering), the Vice-President of the Electronics Research Institute and the Founding Director of Informatics Department, National Research Center, Egyptian Academy of Science and Technology.

PERMANENT ADDRESS:

Residence: 6 El-Saada Street, Roxy, Heliopolis, Cairo, Egypt.

Tel. & FAX: +202 259 1644 & +202 452 8860.

Office : 6 Midan El-Falaki, Bab-El-Louk, Cairo, Egypt

Tel: +202 795 3905.

II- QUALIFICATIONS

*F.R.C.S. in Ophthalmic Medicine and Surgery (London, 1964):

Fellow of the Royal College of Surgeons of England, London, U.K.

* F.R.C.Ophth., Ophthalmic Medicine and Surgery, London (1989):

Fellow of the Royal College of Ophthalmologists, London, United Kingdom.

*L.M.S.S.A. (London, 1965): Licentiate of Medicine and Surgery of the Society of Apothecaries of London, United Kingdom.

* D.O.M.S. (Vienna, 1960): Diploma of Ophthalmic Medicine & Surgery University of Vienna, Austria.

* M.B., B.Ch. (Cairo, 1957):

Kasr-El-Aini Faculty of Medicine, University of Cairo.

* Full British Medical Registration:

Full Medical Registration with the British General Medical Council

Registration No. : 2208082.

III- PRESENT ACADEMIC POSTS

- **The Founding Professor of Clinical Ophthalmology**, Faculty of Medicine, University of Mansoura, from 1974 to date.
- **President (Rector) of the University of Mansoura** for four years term of office, from August 1990 to August 1994.
- **The Senior Consultant Ophthalmic Surgeon**, Mansoura University Hospitals, Since 1970 to date.
- **Member of the Committee for promotion of University Staff Members**, Supreme Council of Universities since 2009 to date.
- **Member of Postgraduate Mansoura University Board** (since 2008 to date).

IV- MEMBERSHIP OF ACADEMIC BOARDS

- 1- Member of the National Council for Services and Social Development, Office of the President of the Republic of Egypt (Presidential Decree No. 124, 1996).
- 2- Member of the National Council for Education, Scientific Research and Technology, Office of the President of the Republic of Egypt (Presidential Decree No. 125, 1996).
- 3- Member of the Board of the Egyptian Academy of Science and Technology (since 1990 to date).
- 4- Member of the Board of the Medical Research Council, Egyptian Academy of Science and Technology (since 1990 to date).
- 5- Treasurer of the Permanent Afro-Asian Council of Ophthalmology (since 1990 to date).
- 6- Member of the Board of Directors of the Research Institute of Ophthalmology, Ministry of Scientific Research and Technology (since 1993 to date).

- 7- Member of the Board of Directors of Cairo Higher Institute for Computer Science, Engineering and Administration (since 1995 to date), Ministry of Higher Education..
- 7- Member of the Permanent Scientific Council of the Supreme Board of Universities for the Promotion to Professorship Posts in Ophthalmology throughout Egyptian Universities (since 1976 to date).
- 8- Member of the Permanent Scientific Council of the Supreme Board of Universities for the Promotion to Assistant Professorship Posts in Ophthalmology throughout Egyptian Universities (since 1976 to date)

V- PROPOSITION AND SETTING UP OF COLLABORATIVE INTERNATIONAL RESEARCH PROJECTS

1- BELGIUM

The following scientific of collaborative research projects have been proposed and supervised by **Prof. Dr. M. Emarah**, Head of the Ophthalmic Department University of Mansoura, Egypt in collaboration with **Prof. Dr. Luc Missotten**, Head of the Ophthalmic Department, Katholieke Univesiteit, Leuven, Belgium ;

1-TITLE: Electron Microscopic Study of the Fine Structure of the Trabecular Meshwork and Site of Outflow Resistance in Chronic Glaucoma Patients.

RESEARCH CANDIDATE : Dr. Osama M. EI-BASSIOUNY,
Mansoura University.

DATE COMMENCED:1983.

DATE FULFILLED:1984.

2-TITLE: Long-Term Preservation of Donor Corneas for Penetrating Keratoplasty.

RESEARCH CANDIDATE: Dr. Ahmed El-Morsy Foad Sultan,

Mansoura University.

DATE COMMENCED:1984.

DATE FULFILLED:1985.

3-TITLE : Cytopathology of Superficial Keratitis.

RESEARCH CANDIDATE: Dr. Ahmed M. ABU EL-ASRAR,
Mansoura University.

DATE COMMENCED:1984.

DATE FULFILLED :1986

4-TITLE :Combined Cataract and Glaucoma.

RESEARCH CANDIDATE: Dr. Walter UYTTEBROECK
Katholieke Universiteit, Belgium.

DATE COMMENCED: 1983.

DATE FULFILLED : 1983.

5-TITLE :Clinico -Pathological Studies of the Excised Corneal Buttons in Kerato-plastic Procedures.

RESEARCH CANDIDATE: Dr. Essam A. BRDDOUR,
Mansoura University.

DATE COMMENCED:1987.

DATE FULFILLED :1989.

6-TITLE :Electron Microscopy Study of the Ultrastructure of Primary and Recurrant Pterygia.

RESEARCH CANDIDATE: Dr. Osama M. EI-BASSIOUNY,
Suez Canal University.

DATE COMMENCED: 1988.

DATE FULFILLED : 1988.

7-TITLE :Contact Lens Versus Intraocular Lens for Correction of Aphakia.

RESEARCH CANDIDATE: Dr. Nader Roshdy EL-METWALLI,
Mansoura University.

DATE COMMENCED:1986.

DATE FULFILLED :1987.

8-TITLE: Fluorescein Angiography of Optic Disc Perfusion in Normotensive

and glaucomatous Eyes.

RESEARCH CANDIDATE: Dr. Peter RAUS,
Katholieke Universiteit, Belgium.

DATE COMMENCED:1985. DATE FULFILLED:1986.

9-TITLE: The Surgical Management of Pterygia.

RESEARCH CANDIDATE: Dr. Peter RAUS,
Katholieke Universiteit, Belgium.

DATE COMMENCED:1986. DATE FULFILLED:1986.

10- TITLE: Evaluation of Combined Trabeculectomy and Cataract Extraction.

RESEARCH CANDIDATE: Dr. Amal A. Abdel-Wahab, Mansoura University.

DATE COMMENCED:1984. DATE FULFILLED :1984.

**11-TITLE : Application of Interferometric Techniques in Measurements of
Ocular Structures.**

RESEARCH CANDIDATE: Mr. El-Sayed Yehia M. IBRAHIM,
Em Shams University.

DATE COMMENCED: 1988. DATE FULFILLED : 1991.

12-TITLE: Histo-Pathological Study of Epi-and Retro-Retinal Membranes.

RESEARCH CANDIDATE :Dr. Osama M. EL-BASSIOUNY,
Suez Canal University.

DATE COMMENCED:1988. DATE FULFILLED :1988.

13- TITLE: Feasibility Study of Keratomileusis by Photo-Ablation

RESEARCH CANDIDATE: To be nominated.

DATE COMMENCED :1992 DATE FULFILLED :1993

14- TITLE : Ocular Therapeutic Effect of Bee Honey.

RESEARCH CANDIDATE: Dr. Mohamed A. Khalaf, Mansoura University

DATE COMMENCED:1991

DATE FULFILLED :1995

15-TITLE: Histopathology and Immune Response in Phlyctenular Eye Disease.

RESEARCH CANDIDATE: Dr. Ahmed Abu-El-Asrar.

DATE COMMENCED:1991

DATE FULFILLED:1993.

II - FEDERAL REPUBLIC OF GERMANY

1- FRANKFURT

Research Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. F. Doden, University of Frankfurt:

TITLE : Effects of Photocoagulation in the Treatment of cases of Diabetic Retinopathy.

RESEARCH CANDIDATE : Dr. Raof El-Nafis, Mansoura University.

DATE COMMENCED:1981

DATE FULFILLED :1984.

2- MUNCHEN

Research Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. H. J. Merte, Technischen Universitat. rechts der Isar (refer to Appendix II)

TITLE: Effect of some Glaucoma Surgical Procedure on Corneal Endothelium.

RESEARCH CANDIDATE: Dr. A. M. Ismail, Mansoura University.

DATE COMMENCED:1987

DATE FULFILLED:1990.

3- BONN

Research Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. O. Hockwin and Prof. H. Rink, University of Bonn.

TITLE : An Immunological Study of Beta S Crystalin in Human Cataractous Lenses.

RESEARCH CANDIDATE: Dr. A. El-Layeh, Mansoura University.

DATE COMMENCED: 1990.

DATE FULFILLED:1992.

III- UNITED KINGDOM

1- EDINBURGH

Research Project Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Calbert Phillips and Dr. Ruth Clayton, University of Edinburgh (refer to Appendix III):

TITLE: Some Risk Factors in Cataract Formation.

RESEARCH CANDIDATE : Dr. A.R. El-Lakkani, Mansoura University.

DATE COMMENCED: 1986.

DATE FULFILLE: 1989.

2- CAMBRIDGE

Clinical & Experimental Research Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Peter G. Watson, University of Cambridge.

TITLE : Abnormal Proteins in the Trabecular Meshwork of Chronic Glaucoma Patients.

RESEARCH CANDIDATE : Dr. A. M. Swelam, Mansoura University.

DATE COMMENCED: 1989.

DATE FULFILLED: 1991.

3- LONDON

Laboratory Research Proposed and Supervised by Prof. Dr. M Emarah in collaboration with Prof. Dr. Ian Grierson, University of London.

TITLE : Abnormal Proteins in the Trabecular Meshwork of Chronic Glaucoma Patients.

RESEARCH CANDIDATE : Dr. A. M. Swelam, Mansoura University.

DATE COMMENCED:1989.

DATE FULFILLED:1991.

IV- SWITZERLAND

M.D. Thesis Research Project Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Constantin Pournaras, MD, Professor of Ophthalmic Medicine & Surgery, Vitreo-Retina Unit, University of Geneva and Prof. Dr. Charles Riva, D.Sc., Professor of Experimental Ophthalmology, Director of the Laboratory of Optics and Biophysics, Institute of Ophthalmology, Sion, Switzerland :

TITLE; *Angiopathic Effects of Glaucoma Risk Factors on Optic Nerve Head Hemodynamics.*

RESEARCH CANDIDATE: *Dr. Waleed Abu-Samra*

DATE COMMENCED: *October 2004* **DATE FINISHED:** *December 2006.*

V- MANSOURA-MANCHESTER UNDERGRADUATE

MEDICAL PROGRAM

Professor Emarah joined in 2007, the Mansoura University Steering Committee in the tough negotiations with the British Manchester Authority to establish Mansoura-Manchester Undergraduate Medical Program. The negotiations succeeded in signing a Contract of Academic collaboration between the Universities of Mansoura and Manchester which Professor EMARAH countersigned the contract as a Witness.

VI- UNITED STATES OF AMERICA

HARVARD UNIVERSITY

M.D. Thesis Combined Research Project Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Robert Ritch, MD, Professor of Ophthalmic Medicine & Surgery, University of New York and Prof. Dr. Michael Young, D.Sc., Professor of Experimental Ophthalmology, Director of the Stem Cell Laboratory, Harvard University, Boston, U.S.A. :

TITLE; Neuroretinal Cell Replacement by Stem Cell Transplantation.

RESEARCH CANDIDATE:: Dr. Mostafa Kabiell

DATE COMMENCED: November 2008. DATE FINISHED: September 2011.

**VII- REPUBLIC OF CHINA
BEIJING TONGREN EYE CENTER,
CAPITAL MEDICAL UNIVERSITY**

Signed on September 24, 2012 the following Protocol of Collaboration and Cooperation between Beijing Topngren Eye Center , Capital Medical University, Republic of China and Ophthalmic Center, University of Mansoura, Egypt. The Protocol facilitates the following:

- **Exchange of education and research technology, publications of scientific papers and academic information.**
- **Exchange of technical assistance.**
- **Exchange of information systems programs.**
- **Reciprocal short- and long-term visits by Professors and Academic Staff.**
- **Proposal of combined research programs of interest to both parties supervised by interested academic staff from both universities.**
- **Reciprocal short-term visits by students and Juniors ophthalmologists.**
- **Hold a combined two yearly scientific conference alternatively in each University.**



PROTOCOL OF COLLABORATION AND COOPERATION

BETWEEN

PARTNER I: OPHTHALMIC CENTER, UNIVERSITY OF MANSOURA,
EGYPT

AND

PARTNER II: BEIJING TONGREN EYE CENTER, CAPITAL MEDICAL
UNIVERSITY

SECTION 1- Introduction

The University of Mansoura has been providing high quality education in the Egypt since its inauguration in 1972. We have been an **evolving and innovative** University since our beginning as a group of amalgamated already well established Colleges in Mansoura since 1950. Adding to our achievements in Egypt, we are proud to be working with a wide range of **partners across the globe** which means we can open up access for students to study courses that they may not otherwise have had. Our strategy is to develop a diverse range of higher education with partner institution which will complement our traditional academic offering to students and research on our main campuses and increase access to higher education by non-traditional students. Also, staff from partner universities will engage in the formulation of joint research projects and teaching exchanges across the partnerships by setting up long- and short- term collaborative Staff Development Fellowship

SECTION 2-Partnership Strategy

Desirous of developing International Academic Partnership in higher education and research, the Ophthalmic center, University of Mansoura (Partner I) and the Ophthalmic center, Capital Medical University (Partner II) agree to develop and enhance a genuine and mutually beneficial non-profit academic partnership programs in compliance with their respective university rules and regulations. Both parties plan to cooperate in any of the following scientific fields of interest:

SECTION 4- Agreement Commitments

Both parties agree to the following commitments:

- Each university will be responsible for the travel expenses of its Staff Members to the Country of the Host University.
- The Host University will provide the full-board accommodation for the visiting candidate.
- The Host University will be responsible for the expenses of emergency medical services of the visiting candidate.

SECTION 5: General Rules

- This agreement shall become effective from the date of signature by authorized representative from each University and officially endorsed at the Board Meeting of each university
- This agreement shall be reviewed every three years to evaluate the progress of the ongoing protocols, solve points of weakness if any, and propose future research and cooperation projects.
- This agreement may be terminated by a written notice from either party only after the expiry of a minimum 120 days.
- Unfinished projects at the time of termination are allowed to continue with all the agreed privileges until finished as planned.
- Any conflict arising during the implementation of this agreement may be settled by negotiations.

We the undersigned, agree to all the provisions listed above, and sign this document with our own free will on the date of: 24.9.2012

Signed:

Prof. Ningli WANG

PROF. MOTIAMED. EMARAH

Partner Name

Partner Name

庆祝北京同仁眼科中心成立10周年

北京同仁医学科技开发公司成立20周年

2012年首都医科大学眼科学院学术年会

VI- SURPERVISION OF INTERNATIONAL SCIENTIFIC RESEARCHES AND MD THESES PUBLICATIONS

A- PUBLISHED M. D. THESES

M. D. Theses Proposed and Supervised by Prof . Dr . M. Emarah and Approved by Mansoura university Examination Board for the Doctorate Degree (M .D) in Ophthalmic Medicine and Surgary :

1. The Management of Glaucoma in the Arab Republic of Egypt,

RESEARCH CANDIDATE: El-Desouky MM., 1973.

2. Study of Keratitis in North-East Delta.

RESEARCH CANDIDATE : El-Said E. M., 1979.

3. Study of the Effects of Intra-Ocular on Cataract Astigmatism.

RESEARCH CANDIDATE: Gamal T. M., 1979.

4. Study of the Clinico-Pathological Changes in Cataract Formation.

RESEARCH CANDIDATE : Abd-Wahab A.A., 1980.

5. Fluorographic Study of Fundus Changes in Cases of Toxemia of Pregnancy.

RESEARCH CANDIDATE : El-Shal A.A., 1980.

6. Electron Microscopic Study of the Fine Structure of the Trabecular Meshwork and the Site of Outflow Resistance in Chronic Glaucoma.

Thesis in Collaboration with Prof. Dr. L. Missotten, Leuven, Belgium.

RESEARCH CANDIDATE : El-Bassiouny O. M., 1984.

7. Effect of Photocoagulation in Treatment of Cases of Diabetic Retinopathy.

Thesis in Collaboration with Prof. Dr. F. Doden, Frankfurt, Germany.

RESEARCH CANDIDATE : El-Nafis R. A., 1984

8. **Study of Genetic Aspect of Some Ophthalmological Disorders**
. RESEARCH CANDIDATE : Sitten S. A., 1984.
9. **Long-Term Preservation of Donor Corneas for Penetration Keratoplasty**
Thesis in Collaboration with Prof. Dr. L. Missotten, Leuven, Belgium.
RESEARCH CANDIDATE : Sultan A. E., 1985.
10. **Cyto-Pathology of Superficial Keratitis.**
Thesis in Collaboration with Prof. Dr. L. Missotten, Leuven, Belgium.
RESEARCH CANDIDATE : Abu-El-Asrar A. M., 1986.
11. **Some Risk Factors in Cataract Formation.**
Thesis in Collaboration with Prof. Dr.C. Philip, University of Edinburgh.
RESEARCH CANDIDATE : El-Lakkani A. R., 1986.
12. **Contact Lens Versus Intra-Ocular Lens in Corneal of Aphakia.**
Thesis in Collaboration with Prof. Dr. L. Missotten, Leuven, Belgium.
RESEARCH CANDIDATE : El-Metwalli M.N.R., 1986.
13. **Effect of Some Glaucoma Surgical Procedure on Corneal Endothelium .**
Thesis in Collaboration with Prof. Dr. H.-J. Merte, Munchen.
RESEARCH CANDIDATE : Ismail A. M., 1987.
14. **Abnormal Proteins in the Trabecular Meshwork of Chronic Glaucoma patients.**
Thesis in Collaboration with Prof. Dr. Peter G. Watson, Universitat of Cambridge and Prof. Dr. Ian Grierson, University of London.
RESEARCH CANDIDATE : Swellam A. M., 1991.
15. **An immunological Study of Beta S Crystalline in Human Cataractous Lenses.**
Thesis in Collaboration with Prof. Dr. O. Hockwin and Prof. Dr. H. Rink, Bonn, Germany.
RESEARCH CANDIDATE: El-Layeh A., 1992
16. **Ocular Therapeutic Effect of Bee Honey.**
Thesis in Collaboration with Prof. Dr. L. Missotten, Leuven, Belgium.

RESEARCH CANDIDATE: Khalaf M.A.M., 1994.

17. *Angiopathic Effects of Glaucoma Risk Factors on Optic Nerve Head Hemodynamics.*

M.D. Thesis Research Project Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Constantin Pournaras, MD, Professor of Ophthalmic Medicine & Surgery, Vitreo-Retina Unit, University of Geneva and Prof. Dr. Charles Riva, D.Sc., Professor of Experimental Ophthalmology, Director of the Laboratory of Optics and Biophysics, Institute of Ophthalmology, Sion, Switzerland :

RESEARCH CANDIDATE:: *Dr. Waleed Abu-Samra, 2004.*

18. *Neuroretinal Cell Replacement by Stem Cell Transplantation.*

M.D. Thesis Combined Research Project Proposed and Supervised by Prof. Dr. M. Emarah in collaboration with Prof. Dr. Robert Ritch, MD, Professor of Ophthalmic Medicine & Surgery, University of New York and Prof. Dr. Michael Young, D.Sc., Professor of Experimental Ophthalmology, Director of the Stem Cell Laboratory, Harvard University, Boston, U.S.A. :

RESEARCH CANDIDATE:: *Dr. Mostafa Kabiell, November 2008*

B- PUBLISHED Ph. D. THESES

1. The Ratio of Muscle Spindles in the Plane and Red Muscle Fibers of Extra-Ocular Muscles.

Ph. D. Thesis Proposed and Supervised by Prof. Dr. M. Emarah and approved by Mansoura University Examination Board for the Degree of Doctor of Philosophy (Ph. D.) in Histology.

RESEARCH CANDIDATE: Attiat El-Serafy, 1970.

2. Application of Interferometric Techniques in Measurement of Ocular, Structures.

Ph. D. Thesis Proposed and Supervised by Prof. Dr. M. Emarah in Collaboration with Prof. Dr. L. Missotten and Approved by Ein -Shams

University Examination Board for the Degree of Doctor of

Philosophy (Ph. D.) in Physis. RESEARCH CANDIDATE: Ibrahim EYM., 1992.

C- PUBLISHED M. Ch. THESES

M. Ch. Theses Proposed and Supervised by Prof. Dr. Emarah and Approved by Mansoura University Examination board for the degree of Master (MCh) in Ophthalmic Medicine and Surgery.

1- Study of the Changes in the Ocular Tension Following Cataract Extraction Operation.

RESEARCH CANDIDATE: EI-Nafis R., 1978.

2- Clinico-Pathological Aspects of Phlyctenular Keratoconjunctivitis.

RESEARCH CANDIDATE: Molla H. L., 1979.

3- Study of the Correlation of Visual Field Changes, Optic Disc Changes and Ocular Tension in Cases of Primary Glaucoma.

RESEARCH CANDIDATE: Mokbel S.H., 1979.

4- Investigation of Cases of Proptosis.

RESEARCH CANDIDATE: Sitten 5., 1979.

5- Incidence and Morphological Types of Soft Cataract

RESEARCH CANDIDATE: EI-Gammal M.K., 1981.

6- Management of Ocular Injuries with Retained Intra-Ocular Foreign Body,

RESEARCH CANDIDATE : Abu-EI-Asaad AM., 1981.

7- Prevalent of Acute Bacterial Conjunctivitis amongst Patients Attending Mansoura University Hospital and Ministry of Health Hospitals.

RESEARCH CANDIDATE: Abu-EI-Asaad H.S., 1982.

8- Management of Congenital Glaucoma.

RESEARCH CANDIDATE: Ramadan S. 1983.

9- Operative and Immediate Post-Operative Complications of Cataract Extraction.

RESEARCH CANDIDATE: EI-Sharkawy A. M., 1983.

10- Uses of Contact Lenses for Correction of Refractive Errors.

- RESEARCH CANDIDATE: Salem M. H. A., 1983.
- 11- **Optic Disc in Glaucoma.**
RESEARCH CANDIDATE: El- Lakkany A.R., 1984.
- 12- **Management of Cataract and Glaucoma.**
RESEARCH CANDIDATE: El-Ebrashy M. O., 1984.
- 13- **Clinical Study of Aphakic Retinal Detachment.**
RESEARCH CANDIDATE: Ismail A. M., 1984.**Aphakic Glaucoma.**
RESEARCH CANDIDATE: Essa S.S., 1985.
- 14- **Causes of Recurrent Retinal Detachment.**
RESEARCH CANDIDATE: Abdel-Fattah M., 1986.
- 15- **Effect of Honey in the Treatment of Bacterial Conjunctivitis.**
RESEARCH CANDIDATE: Seweilam A. M., 1986.
- 16- **Strabismic Amblyopia.**
RESEARCH CANDIDATE: Talaat N. A., 1986.
- 17- **Experimental Study of the Therapeutic Effect of Citrus Honey of Herpetic keratitis in Rabbits.**
RESEARCH CANDIDATE: Lyon A., 1986.

VII- MEMBERSHIP OF INTERNATIONAL SCIENTIFIC SOCIETIES

- 1- Member of the Ophthalmological Society of U.K., since 1963.
- 2- Member of the Oxford Ophthalmological Society, since 1965.
- 3- Life Member of the Ophthalmological Society of Egypt, since 1966.
- 4- Fellow of the Barraquer Eye Institute, Barcelona, since 1974.
- 5- Fellow of International College of Surgeons, since 1976.

- 6- Founding Member and Officer of Council of the Egyptian Society for Prevention of Blindness, since 1976.
- 7- Fellow of the American Academy of Ophthalmology (028332), U.S.A., since 1980.
- 8- Fellow of the International Eye Foundation, U.S.A. (since 1980).
- 9- President Elect of the Ophthalmological Society of Egypt (1986-1987).
- 10- President Elect and Founding Member of the Egyptian Society of Apitherapy (since 1999 to date).
11. President Elect of the International Afro-Asian Council of Ophthalmology (since 2010 to date).

VIII- MEDALS AND PRIZES FOR ACADEMIC DISTINCTIONS

- 1- The “Gold Medal “of the Dakahlyia Governorate, Egypt for public services, academic distinctions and professional abilities **(1972)**.
- 2- The “Gold Medal “of the Ophthalmological Society of Egypt for distinct pioneering services in Ophthalmic Medical Profession **(1988)**.
- 3- The “Shield of Distinction” of the General Medical Syndicate of Egypt for distinct Services in Medical Science and Community **(1990)**.
- 4- The “Senior Academic Prize and Certificate of Distinction” of Mansoura University in Medical Sciences for pioneer planning of the Department of Ophthalmology, community medical services and advancement of both National and International Scientific cooperation **(1990)**

IX- DESIGN OF WORLD PATENTED NEW OPHTHALMIC INSTRUMENTS

Designed the following Scientific Instruments which are manufactured by the following Firms:

- 1- The Emarah Condensing Lens, for indirect Ophthalmoscopy,

manufactured by Clement Clark Ltd., London, and published in the Brit. J.Ophthalmol., 1965.

- 2- **The Emarah Scleral Punch, for Glaucoma Surgery**, manufactured by Keeler Ltd., London, and published in Brit. J. Ophthalmol., 1965.
- 3- **The Emarah Arabic Charts, Used for Measuring the Visual Acuity of Literate Arabic-Speaking Persons**: manufactured by Keeler Ltd., London, and published in Brit. J. Ophthalmol., 1968 and System of Ophthalmology, Vol. V, Henry Kimpton, London, 1970.

X- EXPERIENCE IN PIONEER PLANNING AND ADMINISTRATIVE EXECUTION

1- ESTABLISHMENT OF DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF MANSOURA (1965 - 1990)

Planned and supervised the construction, equipment and running of the Ophthalmic Department of the University of Mansoura, which was established from scratch in 1966. The Department, at present, consists of Outpatients, inpatients and Research Units. The Outpatients Unit is visited on the average by 300 patients six days weekly. The Ophthalmic inpatients Unit consist of 70 beds, three Ophthalmic Theaters, Investigation and Clinical Research Rooms, a Pathology Ophthalmic Laboratory, a Library and a lecture Demonstration Room. Each of the three Ophthalmic Theaters subserves one of the following functions:

A highly equipped theater for microsurgery, a theater for routine ophthalmic operations and a theater for ophthalmic casualties.

The Lecture Demonstration Room is highly equipped with modern audio-visual aids and has a seating capacity of one hundred persons. The Demonstration Room is connected to the theater for micro-surgery with a closed-circuit color television for teaching purposes.

Full medical care and teaching are offered, under the direction of Prof. Dr. M.

Emarah, by the following Faculty Staff members, who have received their full clinical training and specialization in Ophthalmic Medicine and Surgery by Professor Emarah in the Department of Ophthalmology of the University of Mansoura since its inauguration in 1968:

Professors	45	Assistant Professors	:	25
Lecturers	:12	Assistant Lecturers	:	22
Registrars	:16	House Officers	:	16

2- ESTABLISHMENT OF DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF ZAGAZIG (1973-1974)

Supervised the Training of Ophthalmologists and Up-dating the Eye Department.

3- ESTABLISHMENT OF DEPARTMENT OF OPHTHALMOLOGY, UNIVERSITY OF SUEZ CANAL (1981-1983)

Planned and Supervised the Establishment and Staffing of the Eye Department in a Community-Oriented Medical School.

4- ACHIEVEMENTS DURING THE PRESIDENCY OF THE UNIVERSITY OF MANSOURA 1990 - 1994

Soon after being appointed by the President of Egypt as the President of the University of Mansoura in August 4, 1990, the following activities summarize the new expansions and additions to the University which have been achieved:

A- EXPANSION PROJECTS WHICH HAVE BEEN INAUGURATED:

- Diagnostic Radiology and Radiotherapy Center.
- Diagnostic Magnetic Resonance Imaging Center.
- Highly Equipped Surgical Theaters Wing in the University Hospital.
- Gastro-Entrology Center (200 Beds).
- Emergency and Casualty Hospital (200 Beds).
- Ophthalmology Center (200 Beds).
- Higher Institute For Nursing.
- Auditorium for the Faculty of Commerce seating 2000.

- Foundation & Transfer of Faculties of Science, Education and Commerce from the old Damietta City to the New Damietta City.

B- EXPANSION PROJECTS WHICH HAVE BEEN FOUNDED:

- Oncology Medical and Surgical Center.
- Hospital for Specialized Medicine.
- Faculty of Pharmacy.
- Faculty of Veterinary Medicine.
- Faculty of Sports and Sport Sciences.

C- MISCELLANEOUS ACHIEVEMENTS:

- Obtained the Formal Approval and established the post of Vice-President of Environmental Affairs.
- Linkage of Mansoura University with Industry and Founding an Association for that purpose.

OXI- VISITING PROFESSOR AT INTERNATIONAL LEVEL

- 1- Perth Royal Infirmary, Scotland , the U.K., for two months, November - December **1974.**
- 2- University of Dundee, Department of Ophthalmology, U. K., for seven months, January - August **1975.**
- 3- National Hospital, Jeddah, Kingdom of Saudi Arabia, for one month January, **1978.**
- 4- University of Toronto, Toronto, Canada, for one week, November **1979.**
- 5- Scheie Eye Institute, Philadelphia, University of Pennsylvania school of medicine, U.S.A., for three weeks, November **1980.**
- 6 - Saudi National Hospital, Mecca, Saudi Arabia, for one month, March **1981.**
- 7- Katholieke Universiteit Leuven, Belgium, for one month, September **1981.**
- 8- Saudi National Hospital, Mecca, Saudi Arabia, for one month, January **1983.**
- 9- University of Edinburgh, Princess Alexandra Eye Pavilion, Edinburgh, United

- Kingdom, for two weeks, July **1983**.
- 10-King Fahed Specialist Hospital and Medina Ophthalmic Hospital, Saudi Arabia, for one month, January **1984**
- 11-University of Graz, Graz, Austria, for ten days, May **1984**.
- 12-Katholieke Universiteit Leuven, Belgium, for ten days, November **1984**.
- 13- King Khalid Eye Specialist Hospital, Riyadh, Kingdom of Saudi Arabia, for one week, January **1985**.
- 14-Technischen Universitat Munchen, Munich, Federal Republic of Germany, for two weeks, July **1985**.
- 15-The Filatov Research Institute of Eye Diseases and Tissue Therapy, Odessa, U. S. S. R., for two week, September **1985**.
- 16-Katholieke Universitet, Leuven, Belgium, for two weeks, April **1986**.
- 17-King Khalid Eye Specialist Hospital and King Saudi University, Riyadh, Saudi Arabia, for one week, November **1988**.
- 18-Technischen Universitat Munchen, Munich, Federal Republic of Germany, for two weeks, October **1995**.
- 19 -Technischen Universitat Munchen, Munich, Federal Republic of Germany, for two weeks, October **1996**.
- 20-Technischen Universitat Munchen, Munich, Federal Republic of Germany, for two weeks, October **1997**.

XII- INTERNATIONAL GUEST SPEAKER

- 1- International Strabismus Symposium , Kyoto , Japan , May 1972.
- 2- International Eye Foundation and Society of Eye Surgeons World Congress, Nairobi, Kenya, January 1980.
- 3- Scheie Eye Institute, Philadelphia, University of Pennsylvania School of Ophthalmic Congress of the Medicine, U.S.A., November 1982.
- 4- Saudi National Guards Medical Congress, Riyadh, October 1983.
- 5- International Congress of Pathology of the Eye Organized by The Filatov

Research Institute of Eye Diseases and Tissue Therapy, Odessa, U.S.S.R.,
September 1985.

6- XII Afro-Asian Congress of Ophthalmology held in Guanzghou, China,
International Speaker & Chairman, November 2000.

XIII- PARTICIPATION IN INTERNATIONAL AND NATIONAL OPHTHALMOLOGICAL CONGRESSES AND SYMPOSIA

- 1- Oxford Ophthalmological Congress, Oxford, U.K., July 1965.
- 2- Fourth Afro-Asian Ophthalmological Congress (Speaker), Beirut, Lebanon,
February 1986.
- 3- Fifth Afro-Asian Ophthalmological Congress (Speaker), Tokyo, Japan,
July 1972.
- 4- International Strabismus Symposium (Chairman and Guest Speaker), Kyoto,
Japan, July 1972.
- 5- XXII international Congress of Ophthalmology (Speaker), Paris, France May
1974.
- 6- International Congress of Prevention of Blindness (Member of the Organizing
and the Scientific Committee. (Chairman and Speaker), Cairo, Egypt,
November 1974.
- 7- Annual Congress of the Ophthalmological Society of the United Kingdom
(Speaker), Dublin, Ireland, April 1975.
- 8- Second International Congress of Eye Surgery, Bologna, Italy, May1975.
- 9- Oxford Ophthalmological Congress, Oxford, U.K., July 1975.
- 10- International Congress of the Royal College of Surgeons of Edinburgh
(speaker), Cairo, Egypt, February 1976.
- 11- Annual Congress of Medical Education, Shiraz University, Shiraz, Iran,
April 1976.
- 12- International Congress at Surgery of the International College of Surgeons

- (Chairman of the Ophthalmic Session and Speaker), Cairo, Egypt, May 1976.
- 13- American Academy of Ophthalmology- Annual Meeting, Dallas, U.S.A., November 1977.
 - 14- XXII International Congress of Ophthalmology (Chairman and Speaker), Kyoto, Japan, May 1978.
 - 15- Pan Arab Medical Congress (Chairman and Speaker), Rabat, Morocco, November 1978.
 - 16- American Academy of Ophthalmology Annual Meeting, San Francisco, U.S.A., November 1979.
 - 17- International Eye Foundation and Society of Eye Surgeons World Congress (Guest Speaker), Nairobi, Kenya, January 1980.
 - 18- Seventh Afro-Asian Congress of Ophthalmology (Speaker), Tunis, October 1980.
 - 19- American Academy of Ophthalmology Annual Meeting, Chicago, USA, November 1980.
 - 20- XXIV International Congress of Ophthalmology (Speaker), San Francisco, U.S.A., November 1982.
 - 21- Second International Conference on Islamic Medicine (Guest Speaker), Kuwait, April 1983.
 - 22- Saudi National Guards Medical Congress (Guest Speaker), Riyadh, Saudi Arabia, October 1983.
 - 23- New Developments in Ophthalmology (Guest Speaker), Riyadh, Saudi Arabia, January 1984.
 - 24- Eighth Afro-Asian Congress of Ophthalmology (chairman and Speaker) Lahore, Pakistan, March 1984.
 - 25- European Congress of Ophthalmology (Speaker), Helsinki, Finland, May 1984.
 - 26- American Academy of Ophthalmology Annual Meeting (Poster Presentation), Atlanta USA, November 1984.
 - 27- Pan Hellenic Ophthalmological Congress (Speaker), Athens, May 1985.
 - 28- International Conference of Severe Pathology of the Eye (Guest Speaker),

Odessa, U.S.S.R., September 1985.

- 29- XXV International Congress of Ophthalmology (Speaker), Rome Italy, May 1986.
- 30- XI International Congress of Ergo-Ophthalmology (Chairman and Speaker), Munich, Federal Republic of Germany, May 1986.
- 31- Annual Congress of the Ophthalmological Society of the United Kingdom, (Speaker) Bristol, U. K., April 1988.
- 32- First Congress of the College of Ophthalmologists (Speaker), London, U. K., April 1989.
- 33- XXVI International Congress of Ophthalmology (Chairman and Speaker) Singapore, March 1990.
- 34- Pan Arab Congress of Ophthalmology (Chairman, Guest Speaker and Course Instructor) Marrakech, Morocco, April 1995.
- 35- Second International Ophthalmologic Conference (Chairman and Guest Speaker) Beijing, China, July 1995.
- 36- Eleventh Afro-Asian Congress of Ophthalmology (Chairman and Guest Speaker), Beirut, Lebanon, June 1996.
- 37- XII Afro-Asian Congress of Ophthalmology held in Guanzghou, China, (Invited International Speaker, Chairman & Principal Course Instructor, November 2000.
- 38- XIII Afro-Asian Congress of Ophthalmology held in May 2004 in Istanbul Turkey, (Invited International Speaker and Chairman)
- 39- Guest Professor at the Ophthalmic Center, University of Geneva, Switzerland, for two weeks in September 2005.
- 40- XIV Afro-Asian Congress of Ophthalmology held in May 2007 in Marrakesh, Maroc, (Invited International Speaker and Chairman).
- 41- All India Congress of Ophthalmology held in Kolkata in January 2010, India (Invited International Speaker and Chairman).
- 42- President of XV Afro-Asian Congress of Ophthalmology held in June 2011 in Istanbul Turkey, (Invited International Speaker and Chairman).

XIV- ORGANIZATION AND DIRECTION OF NATIONAL SYMPOSIA IN PARTICIPATION OF PROGRAMS FOR CONTINUING MEDICAL EDUCATION

1-The Red Eye: May 10, 1979.

CHAIRMAN: Prof. Dr. M.H.M. Emarah.

2- Fluorescein Angiography: September 12, 1980.

CHAIRMAN: Prof. Dr. M.H.M. Emarah.

3- Retinal Detachment: January 24, 1981.

GUEST FACULTY Prof . Dr. L. Missotten, Head of the Ophthalmic Department, Katholieke Universiteit, Belgium.

4-Early Diagnosis and Management of Glaucoma: March 16-21, 1981.

GUEST FACULTY: Prof. Dr. M.F. Armaly, Head of the Ophthalmic Department, George Washington University, U.S.A.

5- Management of Ocular Emergencies : January 15, 1982.

CHAIRMAN: Prof. Dr. M.H.M. Emarah.

6- Uveitis in a White Eye: May 17, 1982.

CHAIRMAN: Prof. Dr. M.H.M. Emarah.

7- Management of Ocular Trauma: May 24, 1982.

CHAIRMAN: Prof. Dr. M.H.M. Emarah.

8- Preservation of Donor Corneal Material for Keratoplastic Procedures:

May 31, 1982. *CHAIRMAN:* Prof. Dr. M.H.M. Emarah.

9- Glaucoma Symposium: December 23, 1982.

GUEST FACULTY: Prof. Dr. C.I. Phillips, Head of the Ophthalmic Department, University of Edinburgh, United Kingdom.

10- Refractive Surgery, Laser Therapy: November 11, 1983.

GUEST FACULTY: Prof. Dr. Hans Hoffman, Head of the Ophthalmic Department, University of Graz, Austria.

11- Anterior Segment Surgery: November 17, 1983.

GUEST FACULTY : Prof. Dr. Hans Hoffman, Head of the Ophthalmic Department, University of Graz, Austria.

12- Scleritis: January 4, 1984.

GUEST FACULTY : Prof. Dr. Peter Watson, Head of the Ophthalmic Department, University of Cambridge, U.K.

13- Glaucoma Symposium: January 5, 1984.

GUEST FACULTY: Prof. Dr. Peter Watson, Head of the Ophthalmic Department, University of Cambridge, U. K.

14- Surpranuclear Motor Systems: April 15, 1984.

GUEST FACULTY: Prof. Dr. L. Dralands, Professor of Ophthalmology, Katholieke University, Leuven, Belgium.

15- (A) Lid Reconstruction (B) Orbital Trauma (C) Perichiasmal Tumours:

April 16. 1984.

GUEST FACULTY : Prof. Dr. L. Dralands, Professor of Ophthalmology, Katholieke, University Belgium.

16- Diagnosis and management of Glaucoma: June 20-21, 1984.

GUEST FACULTY: Prof. Dr. H.-J. Merte, Director of Ophthalmic Department, Technischen Universität rechts der Isar, München.

17- Ergophthalmology. Traffic and Occupation: June 23-24, 1984.

GUEST FACULTY: Prof. Dr. H. L. Merte, Director of Ophthalmic Department, Technischen Universität rechts der Isar, München, Federal Republic of Germany.

18- Intra-Ocular Lens Implantation Workshop: October 25, 1984.

GUEST FACULTY: Prof. Dr. M.H.M. Emarah, Mansoura University,
Prof. Dr. A. Siam, Em Shams University,
Prof. Dr. M. Ayoub, Cairo University.

19- Electrodiagnosis in Ocular Disease: March 25, 1985.

GUEST FACULTY: Prof. Dr. J. Kelsey, Director of Electrodiagnosis Clinic, Moorfields Eye Hospital, London, U.K.

20- Fluorescein Angiography in the Diagnosis of Macular Disease:

December 6, 1985.

GUEST FACULTY: Prof. Dr. M. H. EMARAH, Mansoura University.

Prof. Dr. M. H. El-Hoshi, Cairo University.

Prof. Dr. A. Siam, Em Shams University.

Dr. A. Barrada, Al-Azhar University.

21- International Ophthalmic Microsurgery Workshop:

Cairo, February, 16 1988.

GUEST FACULTY: Prof. Dr. M. EMARAH, Egypt.

Prof. Dr. P. de JONG, Holland.

Prof. Dr. G. EISNER, Switzerland.

Prof. Dr. L. MISSOTTEN, Belgium.

Prof. Dr. P. SOURDILLE, France

XVI- EDITING OF BOOKS

I- Editor of Reference Book:

Edited a standard reference book in Ophthalmic Medicine and Surgery entitled "FUNDAMENTALS OF OPHTHALMOLOGY

First Edition Published in 1972 *400 Pages, 361 Text Figures, 19 Tables and a Colored Plate.*

Second Edition Published in 1976 *435 Pages, 176 Text Figures, 22 Tables and 60 Original Colour yPlates.*

Third Edition Published in 1983: *435 Pages, 176 Text Figures, 22 Tables and 60 Original Colour yPlates.*

Fourth Edition Published in 1994: *497 Pages, 374 Text Figures, 41 Tables and 144 Original Colour photographs in 24 Colour Plates.*

The book is distributed in Cairo by the Scientific Book Center and in London by H. K. Lewis & Co. of Gower Street.

I- Editor of a Simplified Book in Ophthalmology in Arabic Language:

Published 1999 by Al-Ahram Press to be sold for the general public.

XVII- FORMER TEACHING POSTS

A- TEACHING POSTS IN ENGLAND AND SCOTLAND

- 1- Lecturer at the School of Orthoptics, Coventry, Birmingham Regional Hospital Board, for one year (June, 1962 to June 1963).
- 2- Lecturer in Clinical Ophthalmology at the Institute of Ophthalmology, University of London, for one year (November 1964 to November 1965).
- 3- Researcher at the Department of Clinical Ophthalmology, Institute of Ophthalmology, University of London, for one year (November 1964 to November 1965).
- 4- Consultant Ophthalmic Surgeon at the Department of Ophthalmology, Dundee Royal Infirmary and Ninewells Hospital, Hospital, University of Dundee, for nine months (November 1974 to August 1975).

B- TEACHING POSTS IN BELGIUM

Visiting Professor at St. Rafael Universitaire Ziekenhuis Katholiek Universiteit, Leuven, Belgium, for one month (September 1981).

C- TEACHING POSTS IN EGYPT

1. lecturer in Ophthalmic Medicine and Surgery, Faculty of Medicine, Universiteit, of Cairo (December 1965 April 1970).
2. Assistant Professor in Ophthalmic Medicine and Surgery, Faculty of Medicine, University of Cairo, Mansoura Branch (May 1970 to May 1974).
3. Founding Director and Chairman of Department of Ophthalmology, Faculty of Medicine, University of Mansoura, Egypt (May 1970-November 1988).
4. Chief Consultant Ophthalmic Surgeon, Mansoura University Hospital, University of Mansoura, Egypt (Since 1970 to date).
5. Professor in Ophthalmic Medicine and Surgery, Faculty of Medicine, University

of Mansoura, Egypt (Since 1974 to date).

XVIII- PAST PROFESSIONAL EXPERIENCE AND TRAINING

A- EXPERIENCE IN EGYPT

- 1- House Officer (Full- time Resident) in Kasr-El-Aini Hospital, Cairo University Teaching Hospitals for one year, including three months in ophthalmology (***March 1958 to February 1959***).
- 2- Resident Registrar in Misr Company Hospital, Mehalla-El-Kobra for five months (***April 1959 to August 1959***)

B- EXPERIENCE IN AUSTRIA

- 1- Ophthalmic Clinical Assistant to Prof. Arnold Pillat at the Vienna University Eye Clinic for four months (***September 1959 to December 1959***).
- 2- Ophthalmic House Surgeon (Full-time Resident) to Prof. Karl Hruby in Graz University Eye Clinic for four months (***January to April-1 1960***).

C- EXPERIENCE IN ENGLAND AND SCOTLAND

- 1- Prosector at the Anatomy Department of the Royal College of Surgeons of England London, for six months (***December 1960 to May 1961***).
- 2- Full-time Ophthalmic Registrar (Resident) in Coventry and Warwickshire for fifteen months (***April 1962 to April 1963***).
- 3- Senior Ophthalmic Registrar at Guy's Hospital, University of London, (***during 1963 - 1964***).
- 4- Clinical Assistant (Senior Registrar Grade) at Moorfields Eye Hospital, both City Road and High Holborn Branches; London, for two and half years (***June 1963 to December 1965***).

5- Ophthalmic Clinical Research Fellow (Senior Registrar Grade) to Professor Barrie Jones, Professorial Unit, Moorfields Eye Hospital, University of London, for one year (***December 1964 to November 1965***).

D- EXPERIENCE IN SPAIN

Clinical Attachment to the Barraquer Eye Institute, Barcelona, Spain, for two weeks (***June 1974***).

E- EXPERIENCE IN FRANCE

Clinical Attachment to Hospital Edward Heriot, University of Lyon, for two weeks (***May 1974***).

F- EXPERIENCE IN THE U.S.A.

Clinical Attachment to Prof. Dr. Charles Schepens at the Massachusetts Eye and Ear Infirmary and the Eye Research Institute of the Retina Foundation, Boston for three weeks (***October 1977***).

XIX- NATIONAL AND INTERNATIONAL RESEARCH PUBLICATIONS

- 1- Simplified Indirect Ophthalmoscope. Brit. J. Ophthalmol., **1964**.
- 2- New Instrument for Establishing a Filtering Channel in Chronic Glaucoma. Brit. J. Ophthalmol., **1965**.
- 3- Infection by Tric Agent and Other Members of the Bedsonia Group, with a Note on Reiter's Disease. Tr. Ophthalmol. Soc. U. K., **1966**.
- 4- Ophthalmia Neonatorum due to Tric Agent. Tr. Ophthalmol. Soc. U.s K., **1966**.
- 5- Arabic Test Types for the Determination of Visual Acuity. Brit. J. Ophthalmol. **1968**.
- 6- Arabic Test Types for the Determination of Visual Acuity. Proc. IV. Afro-Asian

- Congress of Ophthalmology, Lebanon, **1968**.
- 7- Clinical Assessment of Visual Acuity. Arabic Test Types Based on Snellen's Principle . System of Ophthalmology, Duke-elder S., Henry Kimpton. London, **1970**.
 - 8- Management of Concomitant Strabismus. Proc. International Strabismus Symposium, Kyoto, Japan, **1972**.
 - 9- The Eye and Renal Disease, Report of a case of Hydronephrosis and Bilateral Cataracts. ACTA.V Afro-Asian Congress of Ophthalmol., Tokyo, Japan, **1972**.
 - 10- Oculo-Dento-Digital Dysplasia with Exomphalos and Undescended Testicles. ACTA.V Afro-Asian Congress of Ophthalmol., Tokyo, Japan, **1972**.
 - 11- The Management of Subconjunctival Dislocation of the Lens. ACTA.V Afro-Asian Congress of Ophthalmol., Tokyo, Japan, **1972**.
 - 12- Occupational Cataract. Review of Literature. report of a case of Thermal Cataract in Printing. Industry. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 13- Management of After-Cataract by Irideo-Capsulectomy. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 14- Combined Cyclo-Dialysis and Cyclo-Cryo-Surgery in the Treatment of Aphakic Glaucoma. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 15- The Combined Operation for Cataract and Glaucoma. Evaluation of the results of 135 cases. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 16- A New Combined Operation for the Management of Glaucoma and Cataract. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 17- Late Infection After Filtering Operations for Glaucoma. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 18- Study of the Expanding Lesions of the Orbit. Bull. Ophthalmol. Soc. Egypt, **1973**.
 - 19- Ocular Manifestations of Intracranial Aneurysms. Spontaneous Recovery of Ocular Signs Following Carotid Angiography. Bull. Ophthalmol. Soc. Egypt, **1973**.

- 20- Herpes Zoster Ophthalmicus with Simultaneous Zoster of the Maxillary Division of the Trigeminal Nerve. Bull. Ophthalmol. Soc. Egypt, **1973**.
- 21- A case of Duane's Retraction Syndrome Associated with Hare-Lip. Bull. Ophthalmol. Soc. Egypt, **1973**.
- 22- A New Combined Operation (One Stage) for the Treatment of Cataract and Glaucoma. Proc. XXII International Ophthalmological Congress, Paris, **1974**.
- 23- Causes of Blindness in North- East. Delta. Methods of Prevention. Proc. International. Congress of Prevention of Blindness, Egypt, **1974**.
- 24 - Proptosis in Orbital Injuries. Mansoura Medical Bulletin, University of Mansoura, **1975**.
- 25- Development Anomalies in the Organogenesis of the Eyeball. Bilateral Diopthalmos. Tr. Ophthalmol. Soc. U. K., **1975**.
- 26- Higher Definition Electronic Visual Prosthesis. Preliminary Report. Proc. International Collage Of Surgeons Cairo, **1967**.
- 27- Viral Keratitis. New Aspects. Of treatment. Proc. XXIII International Congress of Ophthalmol., Kyoto, Japan, **1978**.
- 28- Management of External Ocular Disease. Proc. Pan Arab Medical Congress, Rabat, Morocco, **1978**.
- 29- Management of Abnormal Ocular Deviations. Proc. Pan Arab Medical Congress, Rabat, Morocco. **1978**.
- 30- Electronic Visual Prosthesis With A Computer-Based Brain Implant For The Totally Blind. Proc. II Biomedical Engineering Congress, Cairo, **1979**.
- 31- Timolol An Effective Treatment For Open-Angle Glaucoma. Ophthalmological Society of Egypt Annual Meeting, **1980**.
- 32- Early Detection And Management Of Primary Simple Glaucoma In Egypt. ACTA Afro-Asian Congress Ophthalmol., Tunis, **1980**.
- 33- The Early Detection And Management Of Glaucoma. The LVth World Congress of The Society of Eye Surgeons of the International Eye Foundation, Nairobi, Kenya, **1980**.
- 34- The Surgical Management Of Glaucoma. Bull. Ophthalmol. Soc.

- 35- The Topical Use of bee honey in the Treatment of Ocular Diseases. Bull.Ophthalmol: Soc. EGYPT, **1982**.
- 36- A Modified Trabeculectomy Procedure "Trabeculo-Canalotomy" Bull. Ophthalmol. Soc. Egypt, **1982**.
- 37- A Clinical Study of the Topical Use of Bee Honey in the Treatment of Some Ocular Diseases. Proc. IInd International Conference on Islamic Medicine, Kuwait, **1982**.
- 38- Angiographic interpretation of Fundus Changes in Toxemia of Pregnancy. ACTA XXII International Congress Ophthalmol., San Francisco, **1982**.
- 39- Topical Use of Bee honey in Eye Diseases. Proc. Soc. of Eye Surgeons, International Eye Foundation Congress, San Francisco, **1982**.
- 40- The Surgical Management of Soft Cataract By Employing A Newly Designed Aspirator. Bull Ophthalmol. Soc. Egypt, **1983**.
- 41- Cataract Extraction in Glaucomatous Patients. Bull. Ophthalmol. Soc. Egypt, **1984**.
- 42- Management of Congenital Glaucoma in Egypt, Bull.. Soc. Ophthalmol. Egypt, **1984**.
- 43- Irrigation Aspiration of Soft Cataract Using Pneumatic Aspirator. ACTA. Afro-Asian Congress Ophthalmol., Lahore, Pakistan, **1984**.
- 44- Surgical Management of Chronic Glaucoma. ACTA. Afro-Asian Congress Ophthalmol., Lahore, Pakistan, **1984**.
- 45- Herpetic Keratitis. Replica Technique. ACTA. Afro-Asian Congress Ophthalmol., Lahore, Pakistan. **1984**.
- 46- Management of Herpetic Keratitis by Instillation of Citrus Honey. Documenta Ophthalmologica, Proc. Series 44. Herpetic Eye Diseases, **1984**.
- 47- Cataract Surgery and Postoperative Corneal Astigmatism. Proc. VII Congress European Soc. Ophthalmol., Helsinki, **1984**.
- 48- Ocular Manifestation of Alcoholism. Experience in Management of Alcohol Induced Amblyopia. Proc. III International Conference on Islamic Medicine, Turkey, **1984**.

- 49- Histopathology of Trabeculectomy Specimens in Chronic Open-Angle Glaucoma, Scientific Poster (No.' 58), American Academy of Ophthalmology, Annual Meeting , Atlanta, U.S.A. November, **1984**.
- 50- Trabeculectomy Procedure for Chronic Glaucoma. Proc. II International Symposium on New Developments in Ophthalmology, Riyadh, Saudi Arabia, January **1985**.
- 51- Pathogenesis of Chronic Glaucoma. Proc. II. International Symposium on New Developments in Ophthalmology, Riyadh, Saudi Arabia, January **1985**.
- 52- Diagnosis and Therapeutic Value of the Replica Technique in Herpetic Keratitis. Bull. Ophthalmol. Soc. Egypt, **1985**.
- 53- Vernal Kerato-Conjunctivitis. Diagnosis and Management. Bull. Ophthalmol.Soc. Egypt, **1985**.
- 54- Histopathological Study of The Effects of Ethamsylate) Dicynon (on Rabbit's Eye. Bull. Ophthalmol. Soc. Egypt, **1985**.
- 55- Pathology of Chronic Glaucoma. Proc. XVIII Panhellenic Ophthalmol. Congress, May, **1985**.
- 56- Management of Glaucoma in Aphakia. Proc. XVIII Panhellenic Ophthalmol. Congress, May, **1985**.
- 57- Prophylaxis and Management of Industrial Ocular Injuries. Proc. IV World Congress of Ergophthalmology, Sorrento, Italy, **1985**.
- 58- Electron Microscopic Evidences for Aqueous Oufflow Resistance in Chronic Glaucoma. Proc. International Conference of sever Pathology of the Eye, Odessa, U.S.S.R., September **1985**.
- 59- Structural Changes Induced by Intracameral Injection of Alpha Chymotrypsin Versus Trypsin in Rabbit's Eye. Bull. Ophthalmol. Soc. Egypt, **1986**.
- 60- Pterygium Diagnosis and Management. Egyptian-Scandinavian Ophthalmological Congress. Bull. Ophthalmol. Soc. Egypt, **1986**.
- 61- Strabismic Amblyopia. Diagnosis and Management. Bull. Ophthalmol. Soc. Egypt, **1986**.
- 62- Ultrastructure of the Trabecular Meshwork in Cases of Chronic Glaucoma. Bull.

- Ophthalmol. Soc. Egypt, **1986**.
- 63- Operative and Immediate Postoperative Complication of Cataract Extraction. Mansoura Medical Journal, March, **1986**.
- 64- Ocular side Effects of Drug Therapy in Renal Transplant Patients. ACTA XXV International Congress Ophthalmol., Rome **1986**.
- 65- Ocular Manifestations in Patients under Chronic Dialysis. ACTA XXV International Congress Ophthalmol., Rome **1986**.
- 66- Modified Culture Medium for Prolonged Preservation of Donor Cornea for Penetrating Keratoplasty. ACTA XXV International Congress Ophthalmol., Rome, **1986**.
- 67- Ocular Hazards in Chemical Industry. Proc. XI International Ergophthalmological Symposium, Munich, **1986**.
- 68- Distribution of Viral Antigenic Material in Herpetic Keratitis. Saudi Bull. Ophthalmol. **1987**.
- 69- Immunocytological Study of Phlyctenular Eye Disease. International Ophthalmol. **1987**.
- 70- Cytological and Immunohistochemical Study of the Limbal Form of Vernal Keratoconjunctivitis by the Replica Technique. Brit. J. Ophthalmol. **1987**.
- 71- Ergo-Ophthalmology -An Overview, bull. Ophthalmol. Soc. Egypt, **1987**.
- 72- Ergonomics of Vision. Legibility of Road Signs in the Reduction of Traffic Accidents. Bull. Ophthalmol Soc. Egypt, **1987**.
- 73- Ocular Tension Among Adult Egyptians. Bull. Ophthalmol. Soc. Egypt, **1988**.
- 74- Clinico-Bacteriological Correlation of Muco-Purulent Conjunctivitis. Bull. Ophthalmol. Soc. Egypt, **1988**.
- 75- Field Study of Ocular Hazards of Radio Frequency Radiation .Bull. Ophthalmol. Egypt, **1988**.
- 76- Experimental Chlamydial Keratitis in Rabbits. Correlation With Chlamydial Infected McCoy Tissue Culture. Cells. Documenta Ophthalmologica. **1988**.
- 77- Cytopathological Study of Trachomatous Keratitis. Ophthalmology Today

- Excerpta Medica. Amsterdam. **1988**.
- 78- Immune Cells in a Case of Postherpetic Marginal Trophic Ulcer. Brit. J. Ophthalmol., **1988**.
- 79- Expression of MHC Class II Antigens and Immunoglobulin M By the Corneal Epithelial Cells in Herpetic Keratitis. International Ophthalmol, **1988**.
- 80- Conjunctival Epithelial Cells, Infected with Chlamydia Trachomatis, Express HALA-DR Antigens (Letter to the Editor of Brit. j. Ophthalmol), **1988**.
- 81- Immunopathological Study of Vernal-Keratoconjunctivitis. Graefe Archiv. Ophthalmol., **1988**.
- 82- Interferon Gamma Induces HLA-DR Expression by the Corneal Epithelial and Endothelial Cells in vitro. A Preliminary Report. Brit. J. Ophthalmol, **1988**.
- 83- Immunopathology of Trachomatous Conjunctivitis. Brit. J. Ophthalmol., **1989**.
- 84- Phenotypic Characterization of Inflammatory Cells in Phlyctenular Eye Disease. Documenta Ophthalmologica, **1989**.
- 85- Immunopathology of Primary Pterygia. Bull. Ophthalmol. Soc. Egypt, **1989**.
- 86- Immuno- Electron Microscopy of Vascular Epiretinal Membranes. Bull Ophthalmol. Soc. Egypt, **1989**.
- 87- Effect of PMMA Intra-Ocular Lens on the Growth of Human Lens Epithelium. Presented at the Second Kuwait International Symposium on Ophthalmology, Kuwait, February **1989**.
- 88- Ultra-Structure of Pterygia. Poster Presentation at the Inaugural Meeting of the College of Ophthalmologists, London, April **1989**.
- 89- Response of Lens Epithelium to PMMA, Silicone and HEMA IntraOcular lenses. Presented at the Inaugural Meeting of the College of Ophthalmologists, London, **1989**.
- 90- Histopathology of Chlamydial Keratitis. Presented at the general Assembly of the International Organization against Trachoma and League against Trachoma the 95 th Congress of the French Society of Ophthalmology, May **1989**. Paris, France.

- 91- Immunopathology of Trachomatous Conjunctivitis. Presented at the General Assembly of the International Organization against Trachoma and the league against Trachoma. The 95th Congress of the French Society of Ophthalmology, May **1989**, Paris, France.
- 92- Some Risk factors associated with Cataract in Mansoura, Bull Ophthalmol. Soc. Egypt **1989**.
- 93- Circulating Immune Complexes in Pterygia. Bull Ophthalmol. Soc. Egypt, **1990**.
- 94- Effect of Glaucoma Surgery on the Visual Field. Bull. Ophthalmol. Soc. Egypt, **1990**.
- 95- Adaptive phenomena to Ocular Deviation. Bull. Ophthalmol. Soc. Egypt, **1990**.
- 96- Comparative Radius of Curvature Measurement by Non-Contact Newton's Rings. Meas. Sci. Technical 2, **1991**.
- 97- Localized Interference. Fringes Formed with Two Concentric Spherical Surfaces, Optic, **1991**.
- 98- Presidential Keynote Speech : "Integration of University Education with Industry "First International Congress of Higher Education and Industry, Cairo, **1994**.
- 99- Distribution of Water-Soluble Crystallins in Microsectioned Cataractous Lenses from one Hundred Egyptian Patients. Ophthalmic Res **1995**; 27 (suppl 1).
- 100- **Basic biochemical parameters of one hundred cataractous lenses from Egyptian patients.** Ophthalmic research 1995;27 Suppl 1:44-53.
- 101- Telemedicine as Educational and Consultation Aid in Patient Management. Presented at the First International Conference on Computers and Advanced Technologies in Education. Published in the Proceedings of **CATE 96**
- Grand Lecture Presentation**
- 102- Therapeutic Options in the Management of Glaucoma Simplex in the Third . Millenium. *Advances in Ophthalmology*, **2003**; 40-51
- 103- Combined Trabeculotomy Trabeculectomy for the Management of High Risk Pediatric Glaucoma " . *Recent Advances in Ophthalmology*, **2003**.
- 104- Management Up-Date of High Risk Pediatric Glaucoma " . *Abstract Book of the XIII Afro-Asian International Congress of Ophthalmology*, **2004**

105- Keynote Lecture:

Trends in Management of Glaucoma to Achieve Powerful IOP Control “. *Abstract Book of the XIV Afro-Asian International Congress of Ophthalmology, 2007*

106- Intrasccleral Trabeculencleisis. A Modified Filtration Surgery for Chronic Open Angle Glaucoma “. *Abstract Book of the XIV Afro-Asian International Congress of Ophthalmology, 2007.*

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“ Angioathic Effects of Glaucoma Risk Factors on Optic Nerve Head Hemodynamics “

حصل بموجبها الدارس الطبيب وليد على أبوسمرة على درجة الدكتوراة من جامعة جنيف بسويسرا عام ٢٠٠٧ ووزعت على جميع الجامعات السويسرية وفازت بالجائزة الأولى كأحسن رسالة دكتوراة أجريت بالجامعات السويسرية في هذا العام .

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