** CURICULUM VITAE**

 ***Essam Ezzat Ayad***

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***\*) PERSONAL PROFILE:***

*I am* ***Essam Ezzat Ayad****, M.D****.****, professor of pathology & Director of the Digital Pathology Program [school of medicine, Cairo University], Referee in the Professors & Assistant Professors Promotion Scientific Committee in the Egyptian Ministry of Higher Education, Head of the pathology department & director of the Telepathology program [the Italian hospital in Cairo], Member of the international committee of Euro-Mediterranean Medical Informatics and Telemedicine [EMMIT], Member of the Scientific Committee & International Lecturer of Telepathology International Institute of Tele-Medicine [ITIM] and Fellow of The pathology Department [University of Padova, Italy], Visitor Professor of Pathology, Near East University [North Cyprus] and a member in the Society of pediatric pathology in USA & the International Academy of Pathology [Arab Division]. Referee for few international medical journals [Diagnostic Pathology, Case Reports in Clinical Pathology & Histopathology.] Pioneer in Applying Digital Pathology in the Egyptian Universities. I have a very good experience in teaching and practicing pathology for more than 25 years, with special interest in Breast, Liver, Neuro, Uro, Pediatric & Placental pathology and Cytology. I gained my experience through my work in the School of medicine, Cairo University, in the Italian hospital in Cairo, in the Medical College of Ohio in Toledo Pediatric hospital in USA, in the Fodazione Salvatore Maugeri Clinica Del Lavoro Della Riabilitazione RCCS, Pavia Milan, Italy, in the pathology department in the Imperial College in London, Kuwait Cancer Control Center and in the pathology Department [University of Padova, Italy]. I have also a very good experience in pediatrics and neonatology. I have a very good experience in dealing with operating system of computer with excellent leading experience in telepathology programs and good experience in the Image Analysis Programs [Image Tool]*

***\*) EDUCATION:***

**\*) Fellowship from the pathology Department, University of Padova, Italy** in **March 2008.**

**\*) M.D. in Pathology in May 1998,** (The thesis was in pediatric pathology), Faculty of Medicine, Cairo University.

**\*) M.Sc. in Pathology in May 1993,** (The thesis was in pediatric pathology), Faculty of Medicine, Cairo University, and Signed up: good.

**\*) M.Sc. in Pediatrics in May 1990,** (The thesis was in pediatric pathology), Faculty of Medicine, Cairo University, and Signed up: excellent.

**\*) Full registration in Egypt, March 1988**

**\*) M.B., B.Ch. In Nov 1986** from Faculty of Medicine, Cairo University, signed up: very good with honors.

**\*) Kasr-El-Eini, Faculty of Medicine, Cairo University:** From Oct.1980-Nov 1986, studying Anatomy, Physiology, Biochemistry, Histology, Pharmacology, Microbiology, Parasitology, Pathology, Public Health & Hygiene, Forensic medicine, Ophthalmology, Otolaryngology, Pediatrics, Obstetrics & Gynecology, General Medicine And Surgery

***\*) KEY QUALIFICATIONS (Conferences & Training Courses):***

**\*) 2014 (Dec): 26th International Academy of Pathology Arab division: “Progress of Digital Pathology in The Middle East”,** held in Tunisia 9-13 Dec 2014 [Participated as speaker]

**\*) 2014 (Nov):** The Second **International academy of Digital Pathology** (IADP), held in Boston, USA, 3-7 Nov 20114 [Participated as Speaker]

**\*) 2014 (Sept): The 26th European Congress of Pathology,** held in London 30 August-3 September, 2014[Participated as speaker]

**\*) 2014 (June): 12th European Congress on Digital Pathology,** held in Paris 18-21 June, 2014[Participated as speaker]

**\*) 2014 (May): 2st International Conference on e-health & telemedıcıne and 2st International Course on TelePathology Systems and Applications**, held inIstanbul - Turkey 22-24 May 2014 [Participated as The head of the scientific committee, Speaker & Session Chairman]

\*) **2013 (Sep): “Pathology Vision" Annual Conference of the Digital Pathology Association,** held in San Antonia Texas, USA 29September-1 October 2013 [Participated as speaker]

**\*) 2012 (June): 11th European Congress on Telepathology and 5th International Congress on Virtual Microscopy,** held in Venice 6-9 June, 2012[Participated as speaker]

**\*) (March 2012): Tucson Symposium 2012;** held in Arizona from 27-27 March 2012

**\*) 2011 (Nov): 7th EMMIT** [**Euro Mediterranean Medical Informatics and Telemedicine**], held in Tirana**,** Albania, from 10-12 Nov 2011. [Participated as Speaker & Session Chairman]

**\*) 2011 (Oct): 1st International Conference on e-health & telemedıcıne and 1st International Course on TelePathology Systems and Applications**, held inNicosia - North Cyprus 10-12 October 2011 [Participated as one of the honorary committee, Speaker & Session Chairman]

**\*) 2011 (Aug):** The **International academy of Digital Pathology** (IADP), held in Quebec Canada, 3 – 5 August 2011 [Participated as Speaker & Session Chairman]

**\*) 2010 (Dec): 23th International Academy of Pathology Arab division: “Virtual pathology in Egypt”,** held in Cairo 16-18 Dec 2010 [Participated as speaker]

**\*) 2010 (Oct):** **Telehealth Conference for Africa, Middle East, Asia and Europe: Bridging the Gap in Medicine**"October 23-25, 2010, Cairo Egypt. [Participated as speaker]

**\*) 2010 (July) : 10th European Congress on Telepathology and 4th International Congress on Virtual Microscopy to be held in Vilnius, Lithuania 1-3 July, 2010** [participated by poster presentation]

**\*) 2010 (Feb): Virtual Imaging in Pathology: A Revolution Teaching, Research & Diagnosis*,*** organized by the Society of Lebanese Pathologists,held in **Beirut, Lebanon**. [Participated as Speaker]

**\*) 2009 (Nov):** Introduction of a teaching & training course about Breast Pathology to Junior & Senior Pathologists in **Tripoli Medical Center [TMC].**

**\*) 2009 (Oct): 5th EMMIT** [Euro Mediterranean Medical Informatics and Telemedicine], held in **Beirut, Lebanon**. [Participated as Speaker & Session Chairman]

**\*) 2009 (July): The 6th @ITIM** [Associazione Italiana Di Telemedicina e Informatica Medica] **conference for eGeH 09** [International Conference & Exhibition], held in **Desio, Italy**. [participated as Speaker & Session Chairman]

\*) **2009 (March):** **8TH INCTR Meeting on Cancer in Countries with Limited Resources**, held in Antalya, Turkey. [Participated as Speaker]

**\*) 2009 (March):** attending a training condensed course on Telepathology**, iSacn of BioImagene, San Jose, USA**

**\*) 2008 (August):** attending the courseof ***Time & Conference Management*,** organized by **Faculty & leadership Development Center [FLDC], Cairo University.**

**\*) 2008 (July):** attending the courseof ***Use of Technology in Teaching*,** organized by **Faculty & leadership Development Center [FLDC], Cairo University.**

**\*) 2008 (July):** attending the courseof ***Research Ethics*,** organized by **Faculty & leadership Development Center [FLDC], Cairo University.**

**\*) 2008 (May):** attending the **9th European Congress on Telepathology and 3rd International Congress on Virtual Microscopy,** **Toledo, Spain,** [participated as Speaker]

**\*) 2008 (March):** attending the **SAT Expo Europe 2008 (Roma 27-29 marzo),** **organized by medmatic@**, held in **Rome, Italy**. [participated as Speaker & session chairman]

\*) **2008 (March):** attending training course in **The pathology Department, University of Padova, Italy, followed by receiving a fellowship certificate.**

**\*) 2007 (Oct):** attending the **Fiera di Vicenza 4-5-6 Ottobre 2007 organized by medmatic@**, held in **Vicenza, Italy**. [participated as Speaker]

\*) **2007 (Sept):** the **2**nd **Mediterranean Meeting of Telemedicine** in **Menfi, Italy** [participated as a Teacherfor the telepathology session].

**\*) 2007 (July): The 4th @ITIM** [Associazione Italiana Di Telemedicina e Informatica Medica] **conference for eGeH 07** [International Conference & Exhibition], held in **Desio, Italy**. [participated as Speaker & Session Chairman]

**\*) 2006 (Dec): The 7th @ITIM conference of telemedicine** [Congress Nazionale Della Associazione Italiana Di Telemedicina e Informatica Medica], held in **Torino, Italy**. [participated as Speaker & Session Chairman]

**\*) 2006 (April): Soft Tissue Tumour Course, The International Academy of Pathology (Arab Division),** 13-15 April 2006, **Cairo**

**\*) 2006 (March):** The **1st Euro-Arab School of Oncology, Cairo, Egypt.** Under the supervision of the European School of Oncology [ESO], Milan, Italy [participate as Speaker & Session Chairman]

**\*) 2006 (Feb): 2nd EMMIT** [Euro Mediterranean Medical Informatics and Telemedicine], held in **Alexandria, Egypt**. [Participated as Speaker & Session Chairman]

**\*) 2005 (Dec): 3rd conference for [Early Detection of Cancer Breast in Emerging Countries],** held in **Hammamat, Tunisia**, (7-9 Dec), under the supervision of the European Society of Oncology [ESO], Italy.

**\*) 2004 (Nov): The 5th @ITIM conference** of telemedicine [Congress Nazionale Della Associazione Italiana Di Telemedicina e Informatica Medica] and **1st EMMIT** [Euro Mediterranean Medical Informatics and Telemedicine], held in **Genova, Italy**. [Participated as Speaker & Session Chairman]

\*) **2004 (Feb):** **Training course in breast pathology** for two weeks in **Charing Cross Hospital, the Imperial College, London**. Attending some lectures of the **Hammersmith Surgical Pathology Course** [Liver, Bone and Head & Neck Pathology]

**\*) 2003 (Oct.): 15th Congress of the International Academy of Pathology (Arab Division),** 14-16 October 2003, **Cairo**

**\*) 2003 (Sept):** the **1st Mediterranean Telemedicine School of telemedicine** in **Palermo, Italy**. [Participated as international lecturer of telepathology]

**\*) 2003 (March):** **The 1st conference of telemedicine** , held in the Italian Hospital in **Cairo,** under the supervision of @ITIM, Milan, Italy. [Participated as international lecturer of telepathology]

**\*) 2002 (Dec):** **2nd conference for [Early Detection of Cancer Breast in Emerging Countries]**, held in **Abu-Dhabi, UAE**, (15 & 16 Dec), under the supervision of the European Society of Oncology, Italy.

**\*) 2001 (Sept):** **Training course in breast pathology** for two weeks in **Pavia, Milan, Italy.**

**\*) 2001 (Dec):** **1st conference for [Early Detection of Cancer Breast In Emerging Countries],** held in the **Ministry Of Foreign Affairs, Rome, Italy**, under the supervision of the European Society of Oncology, **Rome, Italy.**

**\*) 1999 (Sept):** **Training course in Pediatric & placental Pathology** for three weeks in the **Medical College of Ohio and Toledo Pediatric Hospital with professor Doctor Bahig M. Shehata, Toledo, Ohio, USA.**

**\*) 1998:** Training course for three months in the **Image Analysis System** held in the molecular Biology Unit, Cairo University, under the supervision of **Linköpng Health university in Stockholm Sweden.**

**\*) 1991-1997:** An assistant to Prof. Dr. **Elia Anis** (Prof. of Pathology, faculty of medicine, Cairo University).

**\*) 1996-1997:** Special training in **Fine Needle Aspirate technique in the Cytology unit, Faculty of Medicine, Cairo University**.

**\*) 1996:** training in the **Immunohistochemical unit (Tumour Markers), Faculty of Medicine, Cairo University.**

**\*) 1994:** Training in the **Gynae. & obstetric pathology unit, Faculty of Medicine, Cairo University** for six months.

\*) **1991-1993:** Training in the **Cytology unit, Faculty of Medicine, Cairo University**.

**\*) 1991-now:** consultant of neonatology in the **Pediatrics department in the Italian hospital in Cairo.**

***\*) POSITIONS HELD:***

\*) 2013 [Feb-April] & 2014 [Feb-April]: ***Visitor Professor, Near East University, North Cyprus.***

\*) 2009 [Dec] –till now: ***Head of the Digital Pathology Unit, Cairo University***

\*) 2008 [Dec] -till now: ***Professor in the pathology department, Faculty of Medicine, Cairo University***

\*) 2008 (March): Fellow of Pathology Department, ***University of Padova, Italy***.

\*) 2006 (Sept.- Now): Professor of general pathology in the ***Modern Science & Art University[MSA] in Cairo***.

\*) 2005 (July-Sept.): Locum as a Senior Staff in the ***pathology & Cytology department in Kuwait Cancer Control Center.***

\*) 2003-2008: Ass. Professor in the ***pathology Department, Faculty of Medicine, Cairo University***

\*) 2003-Now: A member of the Arabic Branch of the ***International Academy of Pathology***.

\*) 2003-Now: Organizer of the ***Telemedicine program between Italy and the Italian Hospital In Cairo.***

\*) 2003- 2007: Assistant professor of Pathology in ***Faculty of Physiotherapy, Cairo University***

\*) 2003-2005: Senior Staff in the ***Cytology Unit in the pathology Department, Faculty of Medicine, Cairo University***.

\*) 1998-Now: Head of the pathology Department, ***Italian Hospital in Cairo***.

\*) 1998-2003: Lecturer of pathology in the pathology Department, Faculty of Medicine, Cairo University.

\*) 1993-1998: Assistant Lecturer of pathology in the pathology Department, Faculty of Medicine, Cairo University.

\*) 1990-1993: Resident in the pathology Department, Faculty of Medicine, Cairo University.

\*) 1988-1990: Visiting resident in pediatrics department, Abu-El-Rish Hospital, Faculty of Medicine, Cairo University

\*) 1987-1988: Rotational Registration Internship in Kasr-El-Eini University hospitals, which included: general medicine, general surgery, pediatrics, obstetric & gynecology, accidents & emergency, anesthesia and clinical pathology.

\*) 1991-Now: Consultant of Neonatology in the pediatrics department in the Italian hospital in Cairo.

***\*) TEACHING SKILLS:***

***A) International Teaching:***

\*) In 2014 (May): Shared as ***International teacher of telepathology in the Telepathology course during the* 2st International Conference on e-health & telemedıcıne and 2st International Course on TelePathology Systems and Applications**, held inIstanbul - Turkey 22-24 May 2014 [Participated as The head of the scientific committee, Speaker & Session Chairman]

\*) 2013 [Feb-April] & 2014 [Feb-April]: Shared as ***Visitor International Professor, Near East University, North Cyprus.***

\*) In 2011 (Oct): Shared as ***International teacher of telepathology in the Telepathology course held in Near East University, North Cyprus.*** [Participated as one of the honorary committee, Speaker & Session Chairman]

\*) Teaching Courses for post graduate & senior staff in ***Tripoli Medical Center, Libya in November 2009, May & October 2010 and Jan 2013.***

\*) From 2003 till now: Sharing in the teaching of the telepathology course in the 1st & the **2**nd **Mediterranean Meeting of Telemedicine** in Palermo & **Menfi, Italy.**

***B) National Teaching:***

 *I share as an associate professor of pathology in Pathology Department, Cairo university in all teaching activities of the pathology department including:*

\*) Theoretical & practical teaching of pathology for ***undergraduate medical students*** [including Post-Mortem sessions].

\*) Theoretical & practical teaching of pathology for ***undergraduate dental stude***nts.

\*) Theoretical & practical teaching of pathology for ***undergraduate & Post graduate Physiotherapy students.***

\*) Theoretical & practical teaching of pathology for ***undergraduate nursing students***.

\*) Theoretical & practical teaching of pathology for all post graduate candidates [***Master & MD degrees in pathology***], including the supervision and discussing of their thesis.

\*) Theoretical & practical teaching of the pathology course for post graduate student in different clinical department [surgery, gyna, obstertrics, pediatrics,….etc.]. Specifically I am responsible for the Theoretical & practical teaching of pathology for post graduate candidates [***Master & MD degrees in Pediatrics & Neurosurgery***], including the supervision and discussing of their thesis.

\*) Sharing in the different weekly Clinico-Pathological meetings held in different clinical departments.

\*) Sharing in the annual conferences of the faculty and other Egyptian faculties of medicine.

\*) From 2006 (Sept.- Now): I shared as professor of pathology in the teaching of general pathology for dental students in the **Faculty of dentistry**, **Modern Science & Art University[MSA] in Cairo**.

**\*) PUBLICATIONS:**

***A) International Publications:***

1. *“Comparative Study between Quantitative Digital Image Analysis and Fluorescence In Situ Hybridization of Breast Cancer Equivocal HER2 2+ Cases”* *E. Ayad, M. Mansy, D. Elwi, M. Salem, M. Salama, & K. Kayser.* ***Analytical Cellular Pathology****, [Volume 2014, Article ID 608254, 1 page. http://dx.doi.org/10.1155/2014/608254]*
2. *“*[*Lymphatic Obstruction: A Novel Etiologic Factor in the Formation of Antrochoanal Polyps”.*](http://www.ncbi.nlm.nih.gov/pubmed/24595626) *Mostafa HS, Fawzy TO, Jabri WR, Ayad E. Ann* ***Otol Rhinol Laryngol. 2014*** *Jun 4;123(6):381-386.*
3. ***“***[*E-education for medical Students using WSI in Egypt*](http://www.diagnosticpathology.org/content/8/S1/S39)***”* Diagnostic Pathology*2013****,****8****(Suppl 1):S39 (30 September 2013)*
4. ***“****Virtual microscopy beyond the pyramids, applications of WSI in Cairo University for E-education & telepathology”.* [***Anal Cell Pathol (Amst).***](http://www.ncbi.nlm.nih.gov/pubmed/21914945##) ***2012;35(2):93-5.***
5. **“***Virtual Telepathology in Egypt, Applications of WSI in Cairo University”* ***Diagnostic*** ***Pathol. 2011 Mar 30;6 Suppl 1:S1.***
6. *“Prevalence of extramucosal fungal elements in sinonasal polyposis: a mycological and pathologic study in an Egyptian population”*. ***Am J Otolaryngol. 2011 Jul-Aug;32(4):308-17.***
7. *Electron Microscopy Study of Peripheral Nerves in the Uvula of Snores and Obstructive Sleep Apnea Patients.* ***The Journal of laryngology and otology 2009;123(2):203-7.***
8. **“***Triple negative, basal cell type and EGFR positive invasive
breast carcinoma in Kuwaiti and British patients***”** ***The Breast Journal Vol 15 Issue [1] 2009; 109-111.***
9. “*Telepathology in emerging countries pilot project between Italy and Egypt*” **Cellular Oncology Volume 30, Number 2/2008 Page 174**
10. “*Telepathology in emerging countries pilot project between Italy and Egypt*” **Diagnostic Pathology *2008, 3(Suppl 1):S2doi:10.1186/1746-1596-3-S1-S2* [**The electronic version of this article is the complete one and can be found online at: [*http://www.diagnosticpathology.org/content/3/S1/S2 Published 25 July 2008*](http://www.diagnosticpathology.org/content/3/S1/S2%20Published%2025%20July%202008)*]*
11. “*Quantitative analysis of uvular muscles in cases of simple snoring and obstructive sleep apnea: an image analysis study*” ***Eur Arch Otorhinolaryngol. 2008 May;265(5):581-6.***
12. “*A comparative study between ciliary count and the degree of opacity of paranasal sinus CT scans in chronic sinusitis pre and post FESS*” ***J Laryngol Otol. 2005 Dec;119(12):950-4.***
13. “*Breast screening in the emerging world: high prevalence of breast cancer in Cairo*”. ***Breast; 2005 Oct;14(5):340-6.***
14. "*Inter-hospital teleconsulting project between Cairo and Palermo*” ***Nuove Tecnologie in Medicina; Applicazioni Informatiche e telematiche in Medicina, Anno 4, N. 3-4: 4-7, 2004.***
15. "*Ciliary count in chronic suppurative otitis media: comparative quantitative study between mucosal and squamous types using scanning electron microscopy and image analysis*" ***J. Laryngol Otol. May; 2004 118(5):343-7***
16. "*Ultrastructural ciliary changes of maxillary sinus mucosa following functional endoscopic sinus surgery: an image analysis quantitative study*" ***J. Laryngol Otol. Apr; 2003 117(4):273-9.***

***B) National Publications:***

1. Thesis, submitted in partial fulfillment of master degree in pediatrics in: "Incidence of UTI in children infected by Schistosoma haematobium" (1990).
2. Thesis, submitted in partial fulfillment of master degree in pathology in: "Clinico-pathological correlation of cases of generalized lymphadenopathy in childhood" (1993)
3. Thesis, submitted in partial fulfillment of M.D. degree in pathology in: " Endoscopic, Histopathological & immunohistochemical study of the GIT in cases of chronic persistent diarrhea in Childhood" (1997)
4. "Cyclin D1 protein expression in benign beast diseases and breast cancer", ***Egyptian Journal of Pathology, Vol 20, No. 2, Dec, 2000***
5. "Histopathological study and immunohistochemical evaluation of P53 & Ki-67 antigens expression in thyroid neoplasms", ***Egyptian Journal of Pathology, Vol 21, No. 2, Dec, 2001***
6. "Different Treatment modalities of corticosteroids in patients suffering from erosive oral lichen planus, histopathological and immunohistochemical study of T-cell subtype" ***Egyptian Journal of Pathology, Vol 22, No. 2, Dec, 2002***
7. "Vimentin in cytologic aspirates of liver to differentiate between primary and secondary hepatic carcinoma" ***Egyptian Journal of Pathology, Vol 23 No. 2, June, 2003***
8. "Cytomorphologic and immunohistochemical study of benign versus malignant body effusions" ***Egyptian Journal of Pathology, Vol 23, No. 2, June, 2003***
9. "Histopathological and radiological study in non-immunocompromised patients with chronic invasive rhino-orbito-cerebral fungal sinusitis. ***Egyptian Journal of otolaryngology, June, 2003***
10. "Histopathological and immunohistochemical study of the coincidence of Helicobacter pylori with carcinoma of the stomach" ***Egyptian Journal of Pathology, Vol 23, No. 2, June, 2003***
11. “Sinonasal Schneiderian papilloma (SP): A P53 Histochemical study and its correlation with histopathology” ***Egypt. J. Ottolaryngol, Vol. 22, No.2, June: 151-166 ,2005***
12. "*The value of CD 30, CD15 and CD 45 immunostaining Cocktail for Confident Detection Of Reed-Sterberg cells in Hodgkin’s disease*" ***Egyptian Journal of Pathology, Vol 25, No. 2, Dec, 2005***
13. *“C-Kit (Cd117) Expression In Benign And Malignant Epithelial Salivary Gland Tumors”* ***Egyptian Journal of Pathology, Vol 27, No. 1, June, 2007.***
14. *“ Effect of a prolonged topical glucocorticosteroid on interleukin-5 production and eosinophilic recruitment in the nasal submucosal compartment*” ***The Egyptian Journal of Otolaryngology, Volume 29 - Issue 3- July 2013***

***\*) MULTINATIONAL RESEARCHES PROJECTS:***

***1) “The Cairo Breast Screening Trial (CBST):*** *The first phase of the project began in 2000 & completed in 2005, funded by the European Society of Oncology [ESO] and the results were published in* ***Breast; 2005 Oct;14(5):340-6***

***2)*** ***"Inter-hospital teleconsulting project between Cairo and Palermo****”*

*Which began in 2003 & completed in 2008, funded by the Italian ministry for foreign affairs and the results were published in****:***

* 1. ***Nuove Tecnologie in Medicina; Applicazioni Informatiche e telematiche in Medicina, Anno 4, N. 3-4: 4-7, 2004.***
	2. ***and* Diagnostic Pathology *2008, 3(Suppl 1):S2doi:10.1186/1746-1596-3-S1-S2***
	3. **Cellular Oncology Volume 30, Number 2/2008 Page 174**

***3)” Triple negative, basal cell type and EGFR positive invasive; comparative study for breast carcinoma in Kuwaiti and British patients”*** *Which began in 2005 & completed in 2008, funded by Charing Cross Hospital In London and the results were published in:* ***The Breast Journal Vol 15 Issue [1] 2009; 109-111.***

***4) “Virtual Telepathology project between Sacramento Hospital, USA and DPU in Cairo University, Egypt, Applications of WSI in Cairo University”*** Ongoing research project **w**hich is funded by The pathology Department in Sacramento Hospital.

***5) “Integrated Network for Cancer Registries in Africa”*** Which is introduced to the European Union and still waiting for the acceptance. ***\*) RESEARCHES AND STUDIES:***

\*) Application of ***Telemedicine Programs In Teaching [E-Learning] And Practicing Pathology*** ***[Tele-Pathology].***

\*) ***Pathology Digitalization Programs & Applications.***

\*) Uses of ***Image Analysis Program*** in morphometric studies in pathology.

\*) A wide scale screening program for ***Early Detection of Cancer Breast*** among Egyptian Women. [Expansion of the previous screening program to cover 10000 Egyptian women]

\*) Comparative studies of ***Cancer Breast*** between different nationalities.

\*) Trial to establish a system for ***Registration of Pediatric Tumours in Egypt***.

\*) Studies of the different ***Placental Diseases*** in Egyptian women, especially the causes of habitual abortion.

\*) New ***immunohistochemical techniques used for detection of fungal invasion in cases of chronic sinusitis*** [finished and about to be published international]

***\*) EXPERIENCES IN COMPUTER SCIENCES:***

***\*) Operating System:***

-MS-DOS, MS-Windows 98 & XP

***\*) Applications:***

- Word star, Word Star 2000, Lotus, Database III plus.

- Windows XP programs [Word, Access, Excel, and Power Point]

- Image Analysis Programs.

- Photoshop Programs.

- Internet & Email

***\*) LANGUAGES:***

* Arabic (mother tongue)
* English (very good)
* Italian (Fair)

***\*) CERTIFICATIONS:***

 ***I warrant that all the above mentioned data are right and can be proved by certification on request.***