



November 22, 2006

Curriculum Vitae

Name: Mohamed Ahmed Hafez Ramadan
Date of Birth: March 4, 1961
Place of Birth: Cairo, Egypt
Nationality: Egyptian
Home: (preferred mailing address)
32, Hassan Ibrahim Hassan Str, Medinet Nasr, Cairo 11371, Egypt
Phone: 2741139
Private Clinic:
1, 26th July Str., Opera Square, Cairo 11111, Egypt
Phone: 5894191
Fax: 5889880
Business Address:
Dept. of Neurosurgery, Cairo University Hospitals, Manial, Cairo, Egypt
Cell phone: 012-2145345
Email: dindinosi@hotmail.com (personal)
ramadanm@upmc.edu (preferred)
mohafez@idsc1.gov.eg

Present Positions

Professor of Neurosurgery, Cairo University – Primary Appointment
Adjunct Professor of Neurosurgery, Pittsburgh University (UPMC), Secondary Appointment

Education

American School of Kuwait: 1966-1972
New English School, Kuwait: 1972-1976
Cairo University Faculty of Medicine: 1976-1982

Postgraduate Training

House officer: Rotating Internship, Cairo University Hospitals, 1983-1984
Resident of Neurosurgery: Department of Neurosurgery, Cairo University, 1984-1987

Certificates

GCE 'O' Level (overseas, University of London): 6 Grades A [Biology, Chemistry, Physics, Mathematics, Advanced Mathematics, Human Biology], 3 Grades B [English Language, French, Arabic Translation]
E.C.F.M.G. (Education Commission for Foreign Medical Graduates, 3624 Market Str., Philadelphia, PA 19104-2685): July 21, 1982 (Passed English test and Medical Exam-score

76, applicant number 352-993-0) N.B. Test was taken and passed before graduation from Cairo University School of Medicine, hence certification was not completed.

M.B., B.Ch. Medicine: Faculty of Medicine, Cairo University, Excellent, Honors, 1982

M. Sc. General Surgery: Faculty of Medicine, Cairo University, V. Good, 1986

M.D. Neurosurgery: Faculty of Medicine, Cairo University, 1990

University Posts

Assistant Lecturer, Department of Neurosurgery, Cairo University*, 1988-1991

Lecturer, Department of Neurosurgery, Cairo University, 1991-1996

Assistant Professor, Department of Neurosurgery, Cairo University, 1996-2001

Professor, Department of Neurosurgery, Cairo University, 2001, till present

Adjunct Professor, Department of Neurosurgery, University of Pittsburgh (UPMC), August 2, 2005, till present

Licensure

Medical Licensure: Issued by the Egyptian Ministry of Health, administration of medical licences, # 66913, Dated March 1, 1984

Egyptian Medical Syndicate: Registered as consultant neurosurgeon as of November 1991, registration # 62347

International Appointments and Affiliations

Departments of Neurosurgery

Riggshospitalet, Copenhagen, Denmark, 1988: Under Professor Flemming Gjerris in the field of intracranial hypertension and normal pressure hydrocephalus with clinical training, participation in daily conference and patient rounds and active operative assistance.

Showa University, Tokyo, Japan: Scholarship by the JICA (Japan International Co-operation Agency), Jan 1990-May 1990. Active sharing in department tasks (basic sciences students lecturing, observation of operations, anatomical and pathological experimental procedures, patient rounds, and hospital conferences under Professor Kiyoshi Matsumoto.

Mainz University, Mainz, Germany: Scholarship by DAAD, March - June 1991. Establishment of a prototype of a biomechanical model representing cerebrospinal fluid dynamics at the neuropathophysiology department, under Prof. O. Kempfski, and neurosurgical training at Mainz University under Professor A. Perneczky.

Middle East Medical Assembly (MEMA) Invited Professor to the 36th Annual Meeting of the American University in Beirut, Lebanon, May 10-13, 2001

University of Pittsburgh (UPMC): Invited Professor, October 2003. Participation in patient rounds, observation of operations. Shared in lecturing and instructing in cadaver course prepared by Centerpulse Spinetech.

Iowa State University: Invited Professor, October 2003. Participation in patient rounds, operative assistance.

American Association of Neurological Surgeons (AANS): Invited international professor May 1- 6, 2004, Orlando, Florida

World Association of Lebanese Neurosurgeons (WALN): Invited international professor June 28-30, 2004, Beirut, Lebanon

Cleveland Clinic Spine Review course: Guest Faculty. July 19-25, 2006 Cleveland, Ohio

Memberships in International Societies

Membership of the International Society for Pediatric Neurosurgery, 1992-1994.

Adviser to the Middle East Neurosurgical Society: November 9, 2000 till present.

Coordinator of scientific activities of the Egyptian Society of Neurosurgery: June, 2001-2003

Executive Committee of the WSS (World Spine Society) of the WFNS, December 2005 - present

Council Member AO Spine Egyptian Chapter August 2006 - present

Internationally Invited Paper Presentations:

1. *Hafez MA:* Case report of an ependymoblastoma secreting hormones. Neuropathological conference, Tokyo Dental College, Tokyo, Japan, Feb 16, 1990
2. *Hafez MA, and Assaad A:* Spinal dysraphism in Egypt: Clinical Experience, Kobe Pediatric Neurosurgery Conference Apr 2, 1990

Internationally Invited Lectures:

1. Spina bifida aperta: Clinical and pathological considerations, *Shizuoka Children Hospital, Showa University Hospital and Nihon University Hospitals, Japan, Feb 2-May 3, 1990*
2. El-Shafei Shunting techniques: The physiological shunt, *Shizuoka children hospital, Showa University Hospital and Nihon University Hospitals, Japan, Feb 2-May 3, 1990*
3. CSF dynamics; surgical implications in cases of spina bifida aperta and posterior fossa tumors. *Mainz University, Germany, June 10, 1991*
4. CSF dynamics; a biomechanical model *Mainz University, Germany, June 10, 1991*
5. Clinical Experience in treatment of cases with craniopharyngiomas of childhood and adults, Invited Professor at the Annual Meeting of the Syrian Neurosurgical Society and the 4th Assembly of the Middle East Neurosurgical Society, *Lattakia, Syria, June 20, 2001*
6. Sacroiliac Joint Disease: Management and Diagnostic Pitfalls. Departments of Neurosurgery of *UPMC and Iowa State University, October 8 and 12, 2003*
7. Neurosurgical Practice and Residency Training Programs in Egypt. Departments of Neurosurgery of *UPMC and Iowa State University, October 8 and 12, 2003*
8. Spondylolisthesis: Controversies in Management”, Panelist, *AANS Meeting Orlando, Florida May 5, 2004*
9. Craniopharyngioma: Experience in Egypt, *Faculty and Invited Panelist, Craniopharyngioma Meeting (European Society of Pediatric Neurosurgery), Genoa, Italy, November 26-27, 2004*
10. Spondylolisthesis: Controversies in Management”, Panelist, *2005 AANS Annual Meeting, New Orleans, Louisiana, April 18, 2005*
11. Fusion techniques in lytic and degenerative spondylolisthesis. Pitfalls in diagnosis and management. *University of Illinois at Chicago Department of Neurosurgery, April 22-23, 2005*
12. Dorsal Cervical Fixation: *Cleveland Spine Review Course. July 21, 2006*
13. Intracranial Pressure Studies in Pseudotumor Cerebri: *University of Illinois at Chicago Department of Neurosurgery, July 31, 2006*

Principal Member of the Organization and Scientific Committees of the following International Conferences:

23rd Meeting of the Middle East Neurosurgical Society, Sharm El-Sheikh, Nov 7-11, 2000
(elected adviser to the society, Nov 9)

5th International Congress on Minimally Invasive Neurosurgery, Cairo, 12-15 Mar, 2001

28th Annual Meeting of the Egyptian Society of Neurological Surgeons in Collaboration with the French Society of Neurosurgery, Sharm ElSheikh, March 11-14, 2003

30th Annual Meeting of the Egyptian Society of Neurological Surgeons, Cairo, March, 2005

Theses Supervisions

Masters (M.Sc.) Degree

Rifaat MM (1999): Management of Craniosynostosis by skull and upper face remodeling techniques.

Saeed MA (1996): Sonographic evaluation of spinal dysraphism and its nervous sequelae in pediatrics.

Doctrate (M.D.) Degree

ElShafei HI (2000): Evaluation of the retrograde ventriculo- sinus (RVS) shunt for treatment of hydrocephalus.

Rifaat MM (2000): Comparison between anterior and posterior fusion for cases with cervical instability.

ElSeesy MH (2001): Comparative study between transpedicular screws fixation with bony fusion and posterior lumbar interbody fusion using cages in lumbar spondylolisthesis.

Seleem AM (2001): Shunt Failure.

Bahgat DA (2002): Comparison between the lateral supraorbital approach and the pterional approach in treatment of sellar and suprasellar lesions.

Special Interests and Teachings

Pediatric Neurosurgery: Member of the International Society of Pediatric Neurosurgery (ISPN)

Spinal Surgery: Director of Neurosurgical Unit, Nasser Institute Hospital (1999-2001)

List of Publications

1. Assaad A, Mansy A, Kotb M, and Hafez MA (1989): Spinal dysraphism: experience with 250 cases operated upon. **Child's Nerv Syst** 5: 324 - 329
2. Assaad A, Zidan AH, and Hafez MA (1990): Congenital extracranial masses. **Med J Cairo Univ** 58, 3: 429 - 439
3. El-Shafei IL and Hafez MA (1991): Ventriculojugular shunt against the direction of blood flow IV. Technical modifications and policy for treatment. **Child's Nerv Syst** 7: 197 – 204 referenced in: HL Rekate (1995): Treatment of Hydrocephalus. in *Pediatric Neurosurgery, Surgery of the Developing Nervous System*. WR Cheek, AE Marlin, DG McLone, DH

- Reigel, and ML Walker (eds), 3rd Edition WB Saunders Company (Publ) Chapter 13, Page 210
4. *Hafez MA and Kempinski O* (1994): A nonlinear biomechanical model for evaluation of cerebrospinal fluid shunt systems. **Child's Nerv Syst** 10: 302 - 311
 5. *Assaad A, Hafez MA, El-Noss F, and Abdel Hady S* (1994): Surgical management of medulloblastoma in children. *Journal of Al-Azhar Medical Faculty* 15, 2: 89-94
 6. *Assaad A, Hafez MA, El-Noss F, and Abdel Hady S* (1994): Surgical management of cerebellar astrocytoma in children. *Journal of Al-Azhar Medical Faculty* 15, 2: 95 – 100. Presented under “Management of Posterior Fossa Tumors” in the 16th annual meeting of the Egyptian Society of Neurological surgeons, Cairo, Egypt, March 30, 1995
 7. *Orabi A, AbdelWahab N, and Hafez MA* (1994): Management of intraspinal tumors in childhood: a study of twelve cases. **JAC** 5, 2: 197 - 210
 8. *El-Noss F, Tantawy A, Barakat Y, and Hafez MA* (1994): Clinical significance of non-basal fissure skull fractures in minor and moderate head injuries in adults. *Journal of Al-Azhar Medical Faculty* 15, 2: 101-109
 9. *Rashad E, El Far MT, Ibrahim I, Hafez MA, and Ibrahim IM* (1995): Spontaneous intracerebellar hemorrhage: A neurosurgical emergency. **Egypt J Neurosurg**
 10. *Hafez MA* (1995): “Management of Posterior Fossa Tumors” presented in the 16th annual meeting of the Egyptian Society of Neurological surgeons, Cairo, Egypt, 30/3/1995.
 11. *ElDessouky MH, Kamal Abdel Aziz M, Hafez MA* (1996): Complex limb injuries. **Med J Cairo Univ**
 12. *Shoukry I, El-Falaky M, Sheba M, Hafez MA, Ahmed M* (1999): Sonographic evaluation of spinal dysraphism in neonates and infants. **JAC**, Vol. 10 (1): 1 - 20.
 13. *El-Shahawy O, Hafez MA* (1999): Intracranial childhood meningiomas. **Med J Cairo Univ** 67 (1): 129-138.
 14. *Hafez MA* (2000): Posterior cervical lateral mass fixation. **Med J Cairo Univ** 68 (4): 223-231
 15. *Abdel Badie H, Hafez MA, Mohy El-Din M, Bassiouny MS* (2000): Atlanto-axial instability in the pediatric age group. **Med J Cairo Univ** 68 (4): 29-35
 16. *Assa'ad A, Hafez MA, El-Ghandour NMF, Mohy M, AbdelBadeei H* (2000): Ventriculoperitoneal shunt complications: Risk factors and avoidance in the pediatric age group. **Med J Cairo Univ** 68 (4): 21-28
 17. *Assa'ad A, Hafez MA, Mohy M, AbdelBadeei H* (2000): Management of Diastematomyelia. A comparative study between Type I and Type II Split Cord Malformation. **Med J Cairo Univ** 68 (4): 107-115
 18. *Hafez MA, El-Shal N, Oraby A* (2000): Clinical experience, surgical points and prognostic indices for convexity encephaloceles. **Med J Cairo Univ** 68 (4): 63-71
 19. *Mohy M, El-Ghandour NMF, Hafez MA, Abul-Nasr AH* (2000): Neuroepithelial Supratentorial Hemispheric Tumors in Children: A five years experience. **Med J Cairo Univ** 68 (4): 34-38
 20. *Hafez MA, El-Noss FH, Ibrahim H, Ishak EA, Issa AM* (2000): Stereotactic procedures for management of brain lesions and the role of intraoperative smearing. **Med J Cairo Univ** 68 (4): 199-208
 21. *Mohy M, El-Ghandour NMF, Hafez MA, Abul-Nasr AH* (2000): Management of intracranial childhood brain abscesses. **JAC**, Vol. 13 (4): 22 – 28

22. El-Ghandour NMF, Hafez MA, Abul-Nasr AH (2001): Surgical Management of falcine meningiomas: a review of 22 cases. **Med J Cairo Univ** 69 (1): 27-33
23. AbulNasr H and Hafez MA (2003): Usefulness of distraction in cases with degenerative and isthmic spondylolisthesis Journal of **Al-Azhar** Medical Faculty 12, 1, 63-69.
24. Hafez MA (2004): Sacroiliac Joint Disease "Management and Diagnostic Pitfalls". **Med J Cairo Univ.** 73 (3): 24-28 .
25. Hafez MA, AbulNasr H (2004): Supraclavicular decompression for cases of Thoracic Outlet Syndrome: A progressive approach. **Med J Cairo Univ.** 73 (4): 1-4.
26. Hafez MA, ElMekkawy S, AbdelBadie H, Mohy M, and Omar M (2006): Pediatric craniopharyngioma; rationale for multimodality management: The Egyptian experience. **JPEM** 19, 371-380

Submitted Theses (Cairo University Press)

1. M.Sc. (Master of Science) Thesis in Surgery: Surgical approaches to the cervical spine in management of cervical disk disease. Graded excellent and published by Cairo University Press as a model for master degree theses, 1985
2. M.D. (Medical Doctrate) Thesis in Neurosurgery: Treatment of hydrocephalus: A new shunting procedure. Graded excellent and published by Cairo University Press as a model for doctrate degree theses, 1989

Academic Lectures and Seminars for Postgraduate teaching

1. Posterior Fossa Tumors: Surgical Preferences
2. Childhood Meningiomas
3. Intraspinal tumors in childhood
4. Atlanto-axial instability in the pediatric age group
5. Craniopharyngiomas
6. Management of pituitary adenomas
7. The shunt against blood flow; biomechanics of a physiological shunt
8. Shunting techniques; the need for a non-biased biomechanical model for the study of shunt dysfunction
9. CSF shunt complications
10. The need for fixation in cervical disc disease; anterior vs. posterior (lateral mass) fixation
11. Spinal Surgery
12. Lumbar disc disease operations. I. A decompressed root and a stable spine
13. Lumbar disc disease. II: Minimal invasiveness with maximum achievement
14. Sacroiliac joint disease
15. Neurosurgical practice and residency training programs in Egypt
16. Posterior Cervical Fixation
17. Intracranial pressure studies in pseudotumor cerebri

Other Hospital and Organizational Affiliations

Consultant Neurosurgeon to the Following Governmental Organizations

1. Egyptian Ministry of Health Hospitals, June 1993 till 2002
2. Egyptian Presidency, June 1999 till present
3. The Judiciary, January 2002 till present

4. Egyptian Customs and Taxing Ministry (Revenue Services), January 1996 till present
5. Central Bank of Egypt, September 2000 till present

Consultant Neurosurgeon to the Following International Organizations in Egypt

1. North American Research Unit (NAMRU); ref. US Navy Captain Bob Frencke
2. UNHCR, CARITAS (Refugees aid and non-charitable organizations)
3. AMERA (Africa and Middle East Relief Agency)
3. National Palestinian Authority

Consultant Neurosurgeon to Major Private Hospitals in Cairo, Egypt

1. International Medical Center (www.imceg.com)
2. Dar ElFouad Hospital http://www.daralfouad.org/home_en.asp
3. ElSalam International Hospital
3. ElNozha International Hospital
4. Dr. Shaalan Hospital
5. Palestine Hospital
7. ElSanabel Maltese Cross Evangelical Hospital
8. Sinoudes ElNil Evangelical Hospital

International Aid

Special Envoy of the Egyptian Ministry of Health and Egyptian Medical Syndicate to Gaza as a Spine Expert from Nov 6 – 11, 2001, and from July 12 – Aug 1, 2002 (various spinal and other neurosurgical operative procedures, teaching, and lecturing).

Signed,

