## Curriculum Vitae



Dr Rhoton (left) and Professor Eldin

# Mohamed M. Mohi Eldin

## Professor of Neurosurgery

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Date: December 2009.

**Full name:** Professor Mohamed Mohamed Mohi Eldin El Basiony **Short name:** Professor Mohamed Mohi Eldin , MB-BCH , M.Sc., MD **Position/title:** Consultant Neurosurgeon/Professor in Neurosurgery

and Spine.

**Nationality:** Egyptian.

FIELD OF SPECIALIZATION: Neurosurgery & Spine Consultant.

#### PRESENT POST:

Prof. of Neurosurgery, Faculty of Medicine, Cairo University.

Task Force member, SPU, Ministry of Higher Education, Egypt.

Administrator member of the Egyptian Neurospine Group of the ESNS Administrator member and the initiative of the Pan Arab Minimally Invasive Spine Society (PAMISS)

## **EDUCATION:**

**Pre-university School Education:** (1969-1980) Leaving certificate obtained in June 1980 (Achieved honor in all subjects).

**University Undergraduate Chemistry and Physics Education:** (1980-1981) at the faculty of Science, Cairo University, Cairo, Egypt.

**University Undergraduate Medical Education:** (1980-1987) All medical and surgical teaching undertaken at the faculty of medicine and Cairo University Hospitals, Cairo, Egypt.

**Postgraduate Education**: (1989-1997) All medical and surgical practice undertaken at the Cairo University Hospitals, Cairo, Egypt.

## **ACADEMIC CAREER PREPARATION (QUALIFICATIONS):**

**Bachelor in medicine & surgery (MB-BCH):** Graduated with honors (November 1987), Faculty of Medicine, Cairo University.

**Master in General Surgery (M.Sc.):** Evaluated as the first, Excellent (May 1992), Faculty of Medicine, Cairo University. "Pseudo-tumor Cerebri" was the thesis submitted for partial fulfillment of Master degree.

**Doctor Degree in Neurosurgery (M.D):** May 1997, Faculty of Medicine, Cairo University. "Trans-sphenoidal surgery" was the thesis submitted for partial fulfillment of M.D degree.

#### PROFESSIONAL CAREER EXPERIENCE:

**Postgraduate Training Internship (House officer):** Appointed as an intern at Cairo University Hospitals from 1-3-1988 to 28-2-1989; General Professional and Basic Surgical Training, Special Emphasis – Neurosurgery.

**Resident (Registrar) in neurosurgery:** Appointed as a resident in neurosurgery at Cairo University Hospitals from 18-3-1989 to 18-3-1992.

**Clinical demonstrator (Senior Registrar) in neurosurgery:** faculty of medicine, Cairo University Hospitals; from 14-5-1994 to 30-10-1994.

**Assistant lecturer (Clinical Fellow) in neurosurgery:** department of neurosurgery, Faculty of Medicine, Cairo University Hospitals; from 1-11-1994 to 27-10-1997.

**Lecturer (Consultant) in neurosurgery:** department of neurosurgery, Faculty of Medicine, Cairo University; from 27-10-1997 to 29-10-2002.

**Assistant professor in neurosurgery:** department of neurosurgery, Faculty of Medicine, Cairo University; from 30-10-2002 till 31-10-2007.

**Professor in neurosurgery:** department of neurosurgery, Faculty of Medicine, Cairo University; from 31-10-2007 till now.

**Additional professional, managerial, leadership, and advisory experience and attributes** gained from positions of responsibilities as a lead clinician, specialist advisor, panelist and chairman positions held and listed in the C.V.

## **ADJUVANT AND CURRENT JOBS:**

Consultant of Neurosurgery and Spine Surgery, Kasr El Aini Hospital

Consultant of Neurosurgery and Spine Surgery, Specialized Kasr El Aini
Hospital

**Consultant of Neurosurgery and Spine Surgery,** New Educational Kasr El Aini Hospital

**Consultant of Neurosurgery and Spine Surgery,** Abo El Reesh Children's Hospital

**Consultant of Neurosurgery and Spine Surgery,** Cairo National Insurance Authority

**Consultant of Neurosurgery and Spine Surgery,** Specialized Medical Centers, Ministry of Health & Population, Cairo

Consultant of Neurosurgery and Spine Surgery, Al Helal Hospital, Cairo Chief Director of the Neurosurgery Department of Faculty of Medicine, Fayoum University (2007-2008)

**Chief Supervisor of the Neurosurgery Department** of Faculty of Physical Thearpy, Cairo University (2003-2006)

**Chief Supervisor of the Neurosurgery Section** of School of Nursing, Cairo University (2002-2003)

Administrator member of the Egyptian Neurospine Group of the ESNS (2006-till now)

Member of the Egyptian Society of Neurological Surgeons (1997-till now). Member of the referee committee of the Egyptian Universities Promotion Committees (EUPC), (2008 till now).

Establisher member of the Pan Arab Minimally Invasive Spine Society (PAMISS) (Jan 2009-till now)

Member of The Association for Ethical Spine Surgeons (AESS), USA

Member of The AO Spine (Middle East)

**Member of The Congress of Neurological Surgeons** (CNS)

#### **PROFESSIONAL MEMBERSHIPS:**

- The Egyptian Society of Neurological Surgeons (ESNS)
- The Egyptian Spinal Society
- The NeuroSpine Group of the ESNS
- The Association for Ethical Spine Surgeons (USA)
- Task Force Member, SPU, Ministry of H. Education
- The Pan Arab Minimally Invasive Spine Society (PAMISS)
- Member of The AO Spine (Middle East)
- Member of The Congress of Neurological Surgeons (CNS)

#### **DISTINCT ACHIEVEMENTS:**

Member of the referee committee of the Egyptian Universities Promotion Committees (EUPC), (2008 till now).

**Member of the Editorial Board & Referee of JNRP**, Journal of Neurosciences in Rural Practice, 2009

Referee of JBCP, Journal of Bioactive and Compatible Polymers, 2009,

Referee of IJOrtho, Indian Journal of Orthopaedics, 2009

**Establishment of the Formal Society of Pan Arab Minimally Invsive Spine,** starting bipolarly in Egypt and Kuwait as the reference countries (www.pamiss.com)

**Establishment of the Formal Department of Neurosurgery**, Faculty of Medicine Fayoum University, (2007-2008).

Referee of Neurology India Journal, 2005,

**Teaching Neurosurgery and Spinal Surgery**, see later.

**Supervised Master and Doctorate Degrees Theses** in Neurosurgery and Spinal Surgery (including minimally invasive and new techniques).

#### BOOKS:

**An Introduction To Neurosurgery** For Undergraduates of Faculty Of Physical Therapy (4<sup>th</sup> Year), editions 2003, 2004, 2005, 2006.

**Introductory Manual of Neurosurgical Procedures** For Postgraduate physical therapy students, 2005-2006.

# POSTGRADUATE CONTINUING EDUCATION COURSES, SUPPLEMENTARY MEETINGS & CONFERENCES ATTENDED:

## 1. International Meetings:

- The 1<sup>st</sup> Middle East & African Pediatric Neurosurgery Course as part of the Annual meeting of Egyptian Society of Neurological Surgeons, Cairo, March 1997.
- 2. The WFNS Educational Course organized by the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with The Educational Committee of the WFNS, Cairo, October 1997.
- 3. The Meeting of the PAN Arab Society of Neurosurgery, Sharm El sheikh, September1998.
- 4. The International Congress of the International Society for Pediatric Neurosurgery, Alexandria, March 1999.
- 5. The Middle East 23rd Neurosurgical Society Meeting, under the auspices of the World Federation of Neurological Surgeons (WFNS), in collaboration with Pan-Arab Neurosurgical Society, Egyptian Society of Neurological Surgeons (ESNS), and Lebanese SNS, Sharm El Sheikh, Nov. 2000.
- 6. The 5<sup>th</sup> International Congress on Minimally Invasive Neurosurgery, Cairo, March 2001.
- 7. The Work Shop of Spinal Instrumentation in African Countries, as part of the Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with The Pan African Association of Neurological Sciences (PAANS), Cairo, March 2002.
- 8. The 15<sup>th</sup> Biannual Meeting of the Pan African Association of Neurological Sciences (PAANS) in collaboration with the 27<sup>TH</sup> Annual Meeting of the ESNS, Cairo, March 2002.
- 9. The 1<sup>st</sup> Pan Arab African Conference for Care & Rehabilitation of Handicapped, organized by The Egyptian Association For Care of The Handicapped (EACH), Cairo, October 2003.
- 10. The 55th Annual International Congress of Egyptian Orthopaedic Association (EOA), Cairo, December 2003.
- 11. The 5<sup>th</sup> Cairo International Neurology Conference of the Egyptian Society of Neurology, Psychiatry and Neurosurgery, Sharm El Sheikh, January 2004.
- 12. The 1<sup>st</sup> Pan African & Pan Arab International Pediatric Epilepsy Conference), organized by The Egyptian Neuropediatric Society (ENPS), in collaboration with The Egyptian Epilepsy Society, The European Pediatric Neurology Society, and The American Epilepsy Society, Cairo, February 2004.
- 13. The International Conference on Recent Advances In Neuro-traumatology, sponsored by The Neuro-traumatology Committee of The World Federation of Neurological Societies, organized by the Egyptian Society of Neurological Surgeons (ESNS), Aswan, March 2004.
- 14. The 4<sup>th</sup> International Spine Congress of the Pan Arab Spine Society organized by The Egyptian Orthopedic Association, in collaboration with the Egyptian Spine Society, Cairo, October 2004.

- 15. The 6<sup>th</sup> Cairo International Neurology Conference of the Egyptian Society of Neurology, Psychiatry and Neurosurgery, Cairo, January 2005.
- 16. The 3<sup>rd</sup> International Congress of the Egyptian Society of Child Neuro-Psychiatry (ESCNP) in collaboration with International Child Neurology Association (ICNA), Aswan, March 2005.
- 17. The 7<sup>th</sup> Cairo International Neurology Conference of the Egyptian Society of Neurology, Psychiatry and Neurosurgery, Cairo, February 2006.
- 18. The 8<sup>th</sup> Annual International Spine Congress of Ain Shams University, on Motion Segment Preservation, Cairo, April 2006.
- 19.1st East Mediterranean Epilepsy Congress, Luxor, February 2007.
- 20. The 2nd International Congress of Egyptian Cerebro Vascular Association (ECCVA) in collaboration with International Stroke Society (ISS), Alexandria Egypt, July 2007.
- 21. The 1<sup>st</sup> Kuwait-American Congress Meeting in collaboration with the AANS, Salmia, Kuwait, 2007,
- 22. The first international meeting of the Egyptian Society of Interventional Radiology (INTERVENE 1), Cairo, February 2008.
- 23. The 10th International Spine Congress of Ain Shams Orthopaedics & Spine Surgery Department In Collaboration With World Spine Society (WSS), Alexandria Egypt, 19th 21st March 2008.
- 24. The 2nd International Congress of Egyptian Cerebro-Cardio-Vascular Association (ECCVA) In Collaboration with World Stroke Organization, Alexandria, July 23rd -26th 2008.
- 25. The 2<sup>nd</sup> Kuwait-American Congress Meeting in collaboration with the AANS, Salmia, Kuwait, 14-19 November 2008,
- 26. The 1<sup>st</sup> Pan Arab Minimally Invasive Spine Hands-On, in Kuwait University Hospital, Mubarak Al-Kabeer, January 2009.
- 27. The First Congress of African Federation of Neurological Societies (AFNS) in Collaboration with Egyptian Society of Neurological Surgeons (ESNS) & Neurospine Group (NSG), Sharm El- Sheikh Egypt, 4 7 Fabruary, 2009.
- 28. The 34<sup>th</sup> Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with the American Association of Neurological Surgeons, Hurgada-Egypt, 4-7 March, 2009.
- 29. Hands on Course on dynamic spinal fixation (Training DCI and coflex), Görlitz- Germany, 24 26 March, 2009.
- 30. The 2<sup>nd</sup> ISMISS Congress of Minimal Invasive Spine Surgery and Interventional Treatments in Turkey, Istanbul 3-6 April, 2009.
- 31. The 7<sup>th</sup> Pan Arab Spine Meeting, in adjunction with The Egyptian Scoliosis Society, and Cairo University Neurosurgery Department, Cairo, Egypt, 8-10 October, 2009.
- 32. The 3<sup>rd</sup> Kuwait-American Congress Meeting in collaboration with the AANS, Salmia, Kuwait, 5-7 December 2009,
- 33. The 61st Annual international congress of the Egyptian Orthopaedic Association (EOA), in association with the Scoliosis Research Society (SRS) and International Federation of Paediatric Orthopaedic Societies (IFPOS), Cairo, Egypt, 14-17, 2009.

## 2. National Meetings:

- 1. The Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS), Cairo, March 1998.
- 2. The Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS), Red Sea, March 2000.
- 3. The 1<sup>st</sup> Advanced Spinal Meeting of the Egyptian Spinal Society, on Spinal Endoscopic & Cage Surgery, Fayed, June 2000.

- 4. The 1<sup>st</sup> Medical Conference for Specialized Medical Centers (SMC), organized by Ministry of Health & Population, Cairo, December 2002.
- 5. The 4<sup>th</sup> Cairo International Neurology Conference of the Egyptian Society of Neurology, Psychiatry and Neurosurgery, Cairo, January 2003.
- 6. The 28<sup>th</sup> Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS), in collaboration with The French Society of Neurosurgery (SFNC), Sharm El Sheikh, March 2003.
- 7. The 1<sup>st</sup> Educational Course of Neurosurgical Diseases (about posterior fossa surgery in children) organized by the Egyptian Center for Medical Sciences, in collaboration with the Department of Neurosurgery, Azhar University, Cairo, July 2003.
- 8. The scientific conference of the Department of Neurosurgery, Asyot University, in collaboration with the ESNS, Asyot, December 2003.
- 9. The Annual Summer Meeting of the Department of Neurosurgery, Alexandria University, in Collaboration with the Egyptian Society of Neurological Surgeons (ESNS), Alexandria, September 2004.
- 10. The 3<sup>rd</sup> Scientific Annual Meeting of the Department of Neuropsychiatry, South Valley University, in Collaboration with the Egyptian Society of Neurology, Psychiatry and Neurosurgery, and Neuropsychiatry Department, Alexandria University, Alexandria, September 2004.
- 11. The Quarterly Scientific Seminar of the Department of Neurosurgery, Ain Shams University, in collaboration with the Egyptian Society of Neurological Surgeons (ESNS), Cairo, December 2004.
- 12. The 30<sup>th</sup> Annual Conference of the Egyptian Society of Neurological Surgeons (ESNS), Cairo, March 2005.
- 13. The First Neurology Workshop 2006, Ain-Soukhna, June 2005.
- 14. The Annual Summer Meeting of the Department of Neurosurgery, Alexandria University, in Collaboration with Egyptian Society of Neurological Surgeons (ESNS): Neuro-Alex, Surgery of the Craniocervical Junction, Alexandria, September 2005.
- 15. The 1<sup>st</sup> Scientific Meeting of the Neuro-Spine Group of the Egyptian Society of Neurological Surgeons (ESNS), in conjunction with the Regular Scientific Meeting of the Neurosurgery Department of Al–Sahel Educational Hospital, Cairo, December 2005.
- 16. The 2<sup>nd</sup> Scientific Meeting of the Egyptian Scoliosis Society, Spine Update II (Problem Solving), in Conjunction with the Orthopedic Department, Cairo University, Cairo, December 2005.
- 17. the Neuro-Radiology Symposium organized by the Departments of Neurosurgery and Diagnostic Radiology, Mansura University, in collaboration with the Egyptian Society of Neurological Surgeons (ESNS), Mansura, January 2006.
- 18. The 31<sup>st</sup> Annual Conference of the Egyptian Society of Neurological Surgeons (ESNS), Hurghada, March 2006.
- 19. The Annual Scientific Meeting of the Department of Neurosurgery, Suez Canal University, in collaboration with the Egyptian Society of Neurological Surgeons (ESNS): Intracranial Pressure & Head Injuries, Ismailia, May 2006.
- 20. Advanced EEG Course at Ain Shams University (Specialized Hospital), Cairo, May 2006.
- 21. The Periodic Group Meeting of the Neuro-Spine Group of the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with the Department of Neurosurgery, Cairo University, Cairo, May 2006.
- 22. The 1<sup>st</sup> Annual Meeting of the Neuro-Spine Group of the Egyptian Society of Neurological Surgeons (ESNS): Principles Of Spinal Arthrodesis and Bone Graft Substitutes, Al-Ein Al-Sokhna, Red Sea, July 2006.
- 23. The Annual Summer Meeting of the Egyptian Society of Neurological Surgeons (ESNS) and the Department of Neurosurgery, Alexandria University: Alex Minimally Invasive Neurosurgery, Alexandria, September 2006.

- 24. The Quarterly Meeting of the Neuro-Spine Group of the Egyptian Society of Neurological Surgeons (ESNS) on (Intrinsic Spinal Cord Tumors), PortSaid, November 2006.
- 25. The Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS), in collaboration with World Association of Lebanese Neurosurgeons, Sharm El Sheikh, March 2007.
- 26. The 2nd Annual Conference of Al Azhar Neurosurgery Department In collaboration with The Egyptian Society of Neurological Surgeon's (ESNS), "Neuro-endoscopy", El Sheikh Saleh Kamel Conference Center, Nasr City Cairo, January 17<sup>th</sup>, 2008.
- 27. Winter meeting of the Egyptian Cerebro-Cardio-Vascular Association Management of Acute Stroke Vs Management of acute Myocardial Infarction, Sharm El-Shaikh-Egypt, 6 8 March 2008.
- 28. The Annual Neonatology Conference (NICU Mansoura University Children's Hospital) Neonatal Brain......Where We Stand, PortSaid, 2 4 April 2008.
- 29. The joint annual meeting of Neurosurgery Department, Suez Canal University and quarterly meeting of NeuroSpine Group of ESNS, Fayed city, July10<sup>th</sup> 2008.
- 30. The Annual Summer Meeting of The Department of Neurosurgery, Alexandria University, in Collaboration with the ESNS, North Coast, Egypt, 8–10 October, 2008.
- 31. The 13th annual conference of the Faculty Of Medicine For Girls (FMG), Medical Schools and National Health Insurance: A Partnership for Quality Achievement of Medical Education and Health Care, the National Training Institute, Cairo 28-30 October 2008.
- 32. Ain Shams Joint Meeting on (Craniopharyngioma), Dar El Difaa, Cairo, 8<sup>th</sup> January 2009.
- 33. Al-Azhar conference in collaboration with ESNS, on (Minimal Invasive Spinal Surgery), El Shiekh Saleh Kamel conference centre, Al-Azhar University, Nasr City-Cairo, January 15,2009.
- 34. The 20<sup>th</sup> Annual Conference of the Egyptian Medical Syndicate, about Medical Emergency and Critical Care, Giza-Egypt, 17 March, 2009.
- 35. The Multi-Institutional Neurosurgical Meeting (Second Year), Kasr El Aini Hospital, Thoracolumbar Fractures, April 2<sup>nd</sup>, 2009.
- 36. The 4<sup>th</sup> Annual Meeting of the Neuro-Spine Group of the Egyptian Society of Neurological Surgeons (ESNS): Innovatios in Spinal Surgery, Taba, 9-11 December, 2009,

#### **TEACHING EXPERIENCE:**

- 1. Teaching of doctoral medical students: as part of the teaching team responsible for courses given in the department of neurosurgery, Cairo University.
- 2. Teaching of graduate medical students: as part of the teaching team responsible for courses given in the faculty of medicine, Cairo University.
- 3. Thesis supervision in research protocols,
- 4. Teaching of residents of neurosurgery: in clinical settings & in continuing education courses in the department of neurosurgery, Cairo University.
- 5. Teaching of postgraduate nursing students (2002-2003): as a consultant responsible for course of neurosurgery given in Kasr El Aini School of Nursing, Cairo University.
- 6. Teaching of graduate physical therapy students (2003-2006): as a consultant responsible for course of neurosurgery given in the faculty of physical therapy, Cairo University.
- 7. Preparing a group of young generations trained in the field of minimally invasive spine procedures.

## **HOSPITAL APPOINTMENTS:** Neurosurgery consultant in:

Cairo University Hospitals:

- Kasr El Aini Hospital,
- Specialized Kasr El Aini Hospital,
- New Educational Kasr El Aini Hospital,
- Abo El Reesh Children's Hospital

The Hospitals of the Specialized Medical Centers in Cairo:

Al Helal Hospital

### **PUBLICATIONS:**

#### From 1997 to 2002:

- 1. Mohamed M. Mohi El-Din, and Khaled M. M. El-Shantaly: Middle and lower cervical (C3-C7) pedicle screw fixation: anatomic feasibility of pedicle morphology and radiologic evaluation of the anatomical measurements. Med. J. Cairo Univ.: 69 (2): June: 417-424 (2001).
- 2. Mohamed M. Mohi El-Din: Posterior lumbar interbody fusion with cages (A preliminary Report). Med. J. Cairo Univ. 68 (2): June: 379-388 (2000).
- 3. Mohamed M. Mohi, Nasser M.F. El-Ghandour, Mohamed A Hafez, and Hazem A. Abol-Nasr: Neuroepithelial supratentorial hemispheric tumors in children (A Five Years Experience): Med. J. Cairo Univ.: 68 (4) (Suppl. II) December: 273-278 (2000).
- **4.** Hazem Abol-Nasr, Mohamed Mohi El-Din; Helmy A. El-Halim Dosouky, and Mohamed Shehab Saad Zaghloul: **Surgical management of cerebellar metastases:** EJNS: 14 (2) June: 405-412 (1999).
- 5. Ahmed Assaad, Mohamed Hafez and Mohamed Mohi: Management of Diastematomyelia: A comparative study Between type I and Type II Split Cord Malformation: Med. J. Cairo Univ.: 68 (4) (Suppl. II): December: 107-115 (2000).
- **6.** Hazem Abol-Nasr, Mohamed Mohi El-Din, Walid Raafat, and Sherif Almekawy: **Anterior cervical single level disectomy with cage fusion:** EJNS: Jan. (2001)..
- 7. M. M. Mohi El-Din, M. Z. El-Abdin, M. A. Hafez, and A. Assad: Craniopharyngioma in the Pediatric Age Group: A 10-year Experience: Child's Nerv. Syst. 17: 427 (2001), abstracts of the annual meeting of the international society of pediatric neurosurgey.
- **8.** Mohamed M. Mohi El-Din, Khaled M.M. El-Shantaly, Hazem Abd-El-Badie, and Ahmed Assad: The Doppler cerebral arterial flow velocity resistive index (of Pourcelot) as a non-invasive means of monitoring cerebral hemodynamic changes in decision making problems in pediatric hydrocephalus: JAC. (11): 4, Dec. (2000).
- 9. Mohamed M. Mohi El-Din, Hazem Abd-El-Badie, M. Hafez Ramadan, and Ahmed Assad: Spontaneous non-traumatic brain abscesses in pediatric- age group (risk factors of treatment failure and predictors of outcome): JAC, (11) 4, Dec. (2000).
- **10.** Hazem Abdel Badie Ahmed, Mohamed A. Hafez, Mohamed Mohi El-Din, and Mohamed Bassiouny: **Atlantoaxial instability in the pediatric-Age Group:** Med. J. Cairo Univ. 65(4) (Suppl. II) Dec: 29-35 (2000).

- **11.** Ahmed Assad; Naser M.F. El-Ghandoue, Mohamed M. Mohi, and Hazem Abdel-Badie: **Ventriculoperitoneal shunt complications (risk factors & avoidance), in the pediatric age group:** Med. J. Cairo Univ., 68 (4): Suppl. II: Dec.: 21-28 (2000).
- 12. Mohamed Badran; Naser M.F. El-Ghandour; and Mohamed M. Mohi: Comparative study between narrow dynamic compression plate with transpedicular screws, and titanium transpedicular fixation in the surgical management of symptomatic Non-traumatic spondylolisthesis in adults: EJNS (14) 1: Jan. 175-180 (1999).

### From 2002 to 2009:

- **1.** The Epidural Cocktail for management of Lumbar Disc Disease, (Under publication),
- 2. The Lumbar Interspinous Distraction, Stabilization (IDS)

  Decompression devices, (Initial Experience of a Comparative Study)
- 3. Coflex- Augmented Lumbar Microdecompression / Microlaminectomy, (Comparative Pilot Study), (Under publication),
- 4. Percutaneous Disc Decompression (Nucleoplasty) for the Treatment of Chronic Discogenic Pain, (Under publication),
- 5. Coflex® Dynamic Interlaminar-Interspinous Distraction Stabilization Device for Lumbar Degenerative Diseases (Initial Experience), (Under publication),
- 6. Implant Failure of Posterior Transpedicular Lower Spinal Instrumentation: (A clinical & surgical challenge and its radiological assessment). The Egyptian journal of radiology and nuclear medicine, March (2006).
- 7. The influence of a ventricular catheter on the risk of epilepsy in children with shunted hydrocephalus: (Prognostic value of EEG findings). Are the indictments of CSF shunting surgery in the process of epileptogenesis true or not? Med. J. Cairo Univ. 73 (3): Suppl. September: 161-169 (2005).
- 8. Skull vault defects reconstruction (Comparison of different techniques & results, and effect on cerebral hemodynamics: Evaluation with transcranial Doppler sonography). Med. J. Cairo Univ. 72 (4): December: 665-677 (2004).
- 9. Approaches to minimize the risk of epidural fibrosis after lumbar disc surgery: (Clinical & MRI-based outcome evaluation). Med. J. Cairo Univ. 74 (1): March: 141-156 (2006).
- 10.Antro-lateral mini fronto-orbito-zygomatic (MFOZ) craniotomy via an eye brow incision in the management of anterior cranial fossa and sellar region lesions. E.J.N.S. Vol. 21 (1): January: (2006).
- 11.Choroid Plexus Papillomas in Pediatric Age Group (Report of 15 consecutive cases). Med. J. Cairo Univ. 72 (2): June: 405-413 (2004).
- **12.Endovascular Management of Ruptured Intracranial Aneurysm.** E.J.N.S. Vol. 19 (2): June: 115-120 ( 2004).
- **13.Non-AIDS** related fungal infections of the CNS. E.J.N.S. Vol. 18 (1): January: 363-369 (2003).
- 14. Pediatric craniopharyngioma; rationale for multimodality management: The Egyptian experience. Journal of Pediatric Endocrinology and Metabolism, 19, Supl. 3 (2006).
- 15. Anterior cervical decompression and fusion for the treatment of cervical myelopathy: with and without anterior cervical plate system fixation. E.J.N.S. Vol. 17 (2): June: 173-181 (2002).
- 16. CT-guided stereotaxis in 65 cases of brainstem lesions with special attention to diagnostic yield & complications. (Under publication).

## **Submitted Accepted Abstracts:**

Lumbar Decompression / Microlaminectomy Augmented With the Implantation of the Coflex Device (Comparative Study with other Common Lumbar Decompressive Surgeries: Initial Experience) has been accepted in the Digital Poster category for the 2010 Annual Meeting of AANS/CNS Section on Disorders of the Spine and Peripheral Nerves in Orlando, Florida, February 17 – 20.

**Coflex® Dynamic Interlaminar-Interspinous Distraction Stabilization Device for Lumbar Degenerative Diseases** has been has been accepted in the Digital Poster category for the 2010 Annual Meeting of AANS/CNS Section on Disorders of the Spine and Peripheral Nerves in Orlando, Florida, February 17 – 20.

**Implant Failure of Transpedicular Lower Spinal Instrumentation,** has been accepted for e-Poster presentation and publication on the official abstract CD-ROM of Global Spine Congress, 23–26 June 2009 San Francisco, USA.

## **Chairperson at Conferences:**

Chairperson at Session III of the 4<sup>th</sup> Annual Meeting of the Neuro-Spine Group of the ESNS, Taba-Egypt, December, 2009.

Chairperson at Spine session (17) of the 34<sup>th</sup> Annual Meeting of the ESNS, in collaboration with the AANS, Hurgada-Egypt, March, 2009.

Chairperson at the Young Neurosurgeon Session (IX) of The First Congress of AFNS In Collaboration with ESNS & Neurospine Group (NSG), Sharm El- Sheikh – Egypt, February, 2009.

## **MY PRESENTAIONS AT CONFERENCES:**

**Minimal invasive techniques in lumbar disc disease,** Presented at The 61st Annual international congress of the Egyptian Orthopaedic Association (EOA), in association with SRS and IFPOS, Cairo, Egypt, 14-17, 2009.

**Dynamic cervical Implant**, **early experiences**, Presented at The 61st Annual international congress of the Egyptian Orthopaedic Association (EOA), in association with SRS and IFPOS, Cairo, Egypt, 14-17, 2009.

**Lumbar Decompression Augmented With Coflex** Presented as poster at The 61st Annual international congress of the Egyptian Orthopaedic Association (EOA), in association with SRS and IFPOS, Cairo, Egypt, 14-17, 2009.

**Evidence-Based Minimally Invasive Techniques in Spine Disease** (2009) Presented at 4th Annual Meeting of the Egyptian NeuroSpine Group, Taba 12-2009.

**Lumbar Decompression Augmented With Coflex** Presented at 4th Annual Meeting of the Egyptian NeuroSpine Group, Taba 12-2009.

**Dynamic cervical Implant , early experiences,** Presented at 4th Annual Meeting of the Egyptian NeuroSpine Group, Taba 12-2009.

Minimally Invasive Techniques (MIT) in Management of Lumbar Disc Disease (New Trends in Spine Interventions) Presented at the 7<sup>th</sup> Pan Arab Spine Meeting, Cairo, Egypt, 8-10 October, 2009.

**Lumbar Decompression Augmented With Coflex,** Presented at the 7<sup>th</sup> Pan Arab Spine Meeting, Cairo, Egypt, 8-10 October, 2009.

**Dynamic cervical Implant , early experiences,** Presented at the 7<sup>th</sup> Pan Arab Spine Meeting, Cairo, Egypt, 8-10 October, 2009.

**Minimal invasive approaches in Thoracolumbar fractures** Presented at The Multi-Institutional Neurosurgical Meeting (Second Year), Kasr El Aini Hospital, April  $2^{nd}$ , 2009.

**Dynamic Spinal Fixation** Presented at the 34<sup>th</sup> Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS) in collaboration with the American Association of Neurological Surgeons, Hurgada-Egypt, 4-7 March, 2009.

**New Trends in Spine intervention** Presented at the 20<sup>th</sup> Annual Conference of the Egyptian Medical Syndicate, about Medical Emergency and Critical Care, Giza-Egypt, 17 March, 2009.

**Nucleoplasty (a new look to the spine)** Presented at the Annual International Congress of the Egyptian Neurospine Group of the ESNS, in collaboration with the Pan African Society of Neurological Surgeons Sharm El-Shikh, Egypt, February, 2009.

**Discography** Presented at The Institutional Neurosurgical Meeting, Kasr El Aini Hospital, February, 2009.

**Minimally Invasive Spinal Procedures** Presented at The Institutional Neurosurgical Meeting, Kasr El Aini Hospital, January, 2009.

**Implant Failure of Posterior Lower Spinal Instrumentation:** Presented at the 55<sup>th</sup> Annual International Congress of the Egyptian Orthopaedic Association (EOA), Cairo, Egypt, December 2003.

**Middle and lower cervical (C3-C7) pedicle screw fixation:** Presented at the Middle East 23rd Neurosurgical Society Meeting, under the auspices of the WFNS, Sharm El Sheikh, Nov. 2000; and presented at the 55<sup>th</sup> Annual International Congress of the Egyptian Orthopaedic Association (EOA), Cairo, Egypt, December 2003.

**Craniopharyngioma in the Pediatric Age Group**: Presented at the XXIX Annual Meeting of the International Society for Pediatric Neurosurgery, Aalborg, Denmark, July 2001.

**Posterior lumbar interbody fusion with cages**: Presented at the Annual Meeting of the Egyptian Society of Neurological Surgeons (ESNS), Soma Bay, Red Sea, Egypt, March 2000.

#### **REFERENCES:**

Letters of Reference File is available upon request from:

Staff Career Administration, Faculty of Medicine, Cairo University Cairo, Egypt.