

CURRICULUM VITAE



AMR EL SHAWARBI

Tawam Hospital
P.O. Box 15258 Al Ain
Abu Dhabi, United Arab Emirates

CURRENT POSITION

- **Co-Medical Director**
SEHA Neurosciences Council
- **Chairman/Senior Consultant**
Department of Neurosurgery
Tawam Hospital in affiliation with Johns Hopkins Medicine
Al Ain, Abu Dhabi, U.A.E.

PAST POSITION

- Consultant of Neurosurgery in the International Neuroscience Institute
Hanover, Germany

PROFESSIONAL SOCIETIES

- Honorary President Pan Arab Neurosurgical Society
- Second Vice president for the WFNS
- Past President of the Emirates Neuroscience Society
- Past Treasurer of the Gulf Neurosurgical Society
- Board Member of APCSS (Asia Pacific Cervical Spine Society)
- Board Member of the IGASS (International Group for Advancement in Spinal Science) Society
- Past Educational Officer in Neurosurgery of Gulf Chapter, A. O. Spine Society

ACADEMIC POSITION

- Professor of Neurosurgery, Monofia University, Egypt (on leave)

RESEARCH & POST DOCTORAL TRAINING

2001-2003 Fellow & Researcher Nordstadt Hospital
International Neuroscience
Institute, Hannover, Germany

Research Fellowships

| <u>Date</u> | <u>Field of Research</u> | <u>Place</u> |
|--------------------|--|--|
| 1995-1998 | NEUROSURGERY | Alexandria Main University Hospital |
| Title: | <i><u>Epidemiology of Head Injury in Alexandria Main University Hospital</u></i> | |
| 2001 | NEUROSURGERY | Nordstadt Hospital Hannover Germany & International Neuroscience Institute, Hannover, Germany |
| Title: | <i><u>Facial Nerve Preservation in the trossigmoid Approach for Cerebello-Pontine Angle Acoustic Neuroma</u></i> | |

LICENSURE AND CERTIFICATION

| <u>Date</u> | <u>Type of License/Certification</u> | <u>Country</u> |
|--------------------|---|-----------------------|
| 10.03.1994 | Qualified Medical Practitioner | Egypt |
| 01.03.1998 | Specialist Degree Neurosurgery | Egypt |
| 19.11. 2001 | Qualified Medical Practitioner | Germany |
| 01.08.2003 | Consultant Degree of Neurosurgery | M.O.H Egypt |

EDUCATIONAL DEGREES

| <u>Date</u> | <u>Discipline Degree</u> | <u>Institution</u> |
|--------------------|---------------------------------|---------------------------|
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|-------------|---|---|
| 1992 | M.B.B.Ch | Medical School Alexandria University |
| 1998 | Master degree of Surgery Neurosurgery | Medical School Alexandria University |
| 2003 | M.D, PhD in Neurosurgery | Medical School Alexandria University |
| 2003 | German Board Eligible | Niedersachsen, Germany |
| 2006 | Facharzt for Neurosurgery (German Board) | Niedersachsen, Germany |

HOSPITAL APPOINTMENTS

| | |
|-----------------------|--|
| 03.1993-11. 1997 | House Officer/Resident of Neurosurgery Alexandria University Hospital |
| 12.1997-03. 2000 | Neurosurgery Specialist Obeid Specialist Hospital Alexandria, Egypt |
| 06.1999- 07. 2000 | Neurosurgery Specialist Al Salam International Hospital, Cairo, Egypt |
| 04. 2000- 04. 2001 | Assistant Lecturer (Specialist) Neurosurgery Medical School, Monofia University, Egypt |
| 04. 2001-07. 2003 | Fellow Neurosurgery Nordstadt Hospital, Hannover & International Neuroscience Institute Hannover, Germany |
| 08. 2003- 09.2003 | Lecturer of Neurosurgery (Consultant) Medical School Monofia University, Egypt |
| 09. 2003- 10.2006 | Consultant of Neurosurgery International Neuroscience Institute Hannover, Germany |
| 11.2006-05.2007 | Consultant of Neurosurgery Health Authority of Abu Dhabi (HAAD) |
| 05.2007 - 2010 | Senior Consultant/Chief of Neurosurgery Tawam Hospital/Johns Hopkins International. U.A.E |
| 25.01.2011 to present | Chairman / Senior Consultant , Dept. of Neurosurgery Tawam Hospital/ Johns Hopkins International, U.A.E |

ACADEMIC APPOINTMENTS

| Dates | Title | Institution |
|-------------------|----------------------------------|---|
| 04.2000-04.2001 | Assistant Lecturer | Neurosurgery Medical School Monofia, University Egypt |
| 09.2003-10.2006 | Lecturer and Resident Trainer | I.N.I.Hannover-Otto-von-Guericke- University, Magdeburg, Germany |
| 08.2003-01.2009 | Lecturer | Neurosurgery Medical School Monofia University, Egypt |
| 2007-Present | Teaching Post | Neuroscience Module Teaching Medical School, U.A.E University |
| 02.2009 - present | Assistant Professor | Neurosurgery Medical School Monofia University |

OTHER ACADEMIC POSITIONS and MAJOR VISITING APPOINTMENTS

| <u>Dates</u> | <u>Title</u> | <u>Department/Institution</u> |
|---------------------|-------------------------------------|--|
| 2004 | Visiting Lecturer | University Hospital Beijing China & 1 st time Application of the Cervical Spacer of PEEK Material |
| 2004-2006 | Visiting Consultant Neurosurgery | Military Hospitals, Egypt |
| 2005-2006 | Visiting consultant | Tawam Hospital in Al Ain in U.A.E, |

MEMBER of:

- German Neurosurgical Society
- Egyptian Neurosurgical Society
- European Spine Society
- North American Spine society
- Egyptian Medical Syndicate
- German Medical Syndicate
- World Federation of Neurosurgical Society
- Emirates Medical Association
- Asian Cervical Spine Society

PROFESSIONAL EXPERIENCE

Spine surgery:

- Anterior, Lateral, Posterior approaches to the spine
- (Cervical, Lumbar, Thoracic)
- Spinal instrumentations and stabilizations
- Microsurgical spine operations
- Surgical management of spinal Trauma
- All spinal instrumentations and spinal implantations

Cranial Surgery: As a Fellow and then a consultant for 5 years with Prof. M. Samii, W.F.N.S Ex-President and the Ex-President of the Skull Base Surgery Society in the Center mainly dedicated for **skull base surgery** with its different approaches and pathologies.

Peripheral nerves surgeries

Pediatric neurosurgery

Neuromodulation: Vagus nerve stimulation, Spinal Cord stimulation, Sacral nerve stimulation

MAJOR RESEARCH

| | |
|-----------|---|
| 1995-1998 | Epidemiology of Head Injury in Alexandria Main University Hospital. Master Thesis defended in 1998 |
| 2000-2002 | Facial Nerve Preservation in the Retrosigmoid Approach for Cerebello-pontine Angle Acoustic Neuroma. PhD thesis |
| 2005 | Evaluation of a new Concept for the Management of Skull Base Chordomas and Chondrosarcomas. |
| 2005-2006 | New Concept Design of the Cervical Spacer Cage System |

MAJOR RESEARCH INTEREST

- The use of tricalcium Phosphate as a single element for fusion of the cervical spine.
- Multiple center research Study for fusion of the osteoporotic spine using canulated pedicle screw.
- The use of Intra-operative neuro-monitoring for facial nerve preservation in cerebello-pontine angle acoustic Neuroma.
- The use of neuronavigation combined with ultrasound for localization of intraxial brain and spinal lesions.
- V.N.S in Epilepsy surgery.
- Sacral nerve stimulation for O.A.B. dry & wet.

PUBLICATIONS & PRESENTATIONS

1. Guenther Christian Feigel, M.D., Otto Bundschuh, M.D., Alireza Gharabaghi, M.D., Sam Safavi-Abassi, M.D., **Amr El Shawarby, M.D.**, Madjid Samii, M.D., And Gerhard A Horstmann, M.D. *Evaluation of a New Concept for the Management of Skull Base Chordomas and Chondrosarcomas*. J Neurosurg(Suppl)102:165-170, 2005.
2. G. C. Feigel, S Safavi-Abassi , A. Gharabaghi, V. Gonzalez-Felipe, **A. El Shawarby**, H.J. Freund, M. Samii. *Real 3 T f MRI data of brain tumour patients for intra-operative localization of primary motor areas*. EJSO (The Journal of Cancer surgery) 34 (2008) 708-715.
3. Sam Safavi-Abassi, Federico Di Rocco, Kraisri Chantra, Guenther C. Feigel, **Amr El Shawarby**, Amir Samii, Madjid Samii. *Posterior cranial Fossa Gangliogliomas*. Skull Base 2007;17:253-264.
4. F.Di Rocco, V.Paterno, S. Safavi-Abbasi, **A. El-Shawarby**, A. Samii, M Samii. *Cavernous Malformation of the internal auditory canal*. Acta Neurochirurgica (Wein) 2006, 148: 695-697.
5. **A. El Shawarby**. *Evaluation of the retrosigmoid approach for fourth nerve neuroma excision*. Alexandria Bulletin 2008.
6. **A. El Shawarby**, A. Salah. *Post Traumatic Refractory Intra-cranial Hypertension and Decompressive Craniectomy*. Alexandria Bulletin 2008.
7. **A. El Shawarby**, *The Use of B TCP for Fusion in the Cervical Spine*. International Course on Clinical Neurosurgery, Beijing China 2004.
8. **A. El Shawarby** *Surgical Management of Obstetric Brachial Plexus Palsy*. Presented in the International Pediatric Conference, Hot topics in Pediatrics. U.A.E 2008.
9. **A. El Shawarby** *Spinal Stenosis from conservative options to surgery, Presentation in the International Conference for Pain Management*. 5th Symposium of Management of Pain. U.A.E 2008.
10. **A. El Shawarby** *Anterior Decompressive Corpectomy and Fusion for O.P.L.L Outcome Analysis and Report of 9 cases*. Presentation in the W.F.N.S and the Jordanian Neurosurgical society, Jordan 2008.
11. **A. El Shawarby** *Spondylolisthesis and Fusion Materials*, 6th Dubai Spine Conference, Spinal Deformities & Tumors, Dubai, U.A.E 2006.
12. Guenther Christian Feigel, M.D., Otto Bundschuh, M.D., Alireza Gharabaghi, M.D., Sam Safavi-Abassi, M.D., **Amr El Shawarby, M.D.**, Madjid Samii, M.D., And Gerhard A Horstmann, M.D. *Evaluation of a new concept for the management of skull base Chordomas and Chondrosarcomas*. Poster presentation in the AANS meeting, U.S.A 2004.
13. G.C. Feigel, A. Gharabaghi, S Safavi-Abassi, **A. El Shawarby**, Otto Bundschuh, A. Samii, M. Samii. *Evaluation of the Usefulness of 3D Navigation for the Retrosigmoid Approach*. AANS Meeting, U.S.A 2004.

14. **A. El Shawarby** *Cervical Spine and Cord Injury*. 2nd Emergency Surgery and Trauma Conference, 2008 Fujairah, U.A.E.
15. A.S. Omar, **A. El Shawarby**, A. Taha, G. Dhat, S. Abuhasna. *Early Monitoring of Nosocomial Meningitis with Procalcitonin in Patients with External Ventricular Drains (EVD)*, 24th Annual Congress, Berlin, Germany, 1-5 October 2011.
16. **A. El Shawarby**, “*Degenerative Lumbar Spine Diseases, Epidemiology: Low Back Pain Basic Principles; Complications Avoidance & Management of Lumbar Disc Herniation (LDH)*”; 1st Dubai Spine Educational Seminar, Burj Al Arab, Dubai, 12th January 2012.
17. **A. El Shawarby**, *Concepts in the Treatment of Cervical Spine – Geriatric Odontoid Fracture; Laminoplasty for Cervical Spine*, AOSpine Advanced Course, Dubai, U.A.E., 8-9th October 2012.
18. **A. El Shawarby**, *Ossified Posterior Longitudinal Ligament*, Pan Arab Neurosurgical Society, 7th - 9th December 2012, Kuwait.
19. **A. El Shawarby**, *Ossified Posterior Longitudinal Ligament*, Emirates Neuroscience Society, 27th December 2012, Dubai, UAE
20. **A. El Shawarby**, *Epidemiology of Low-Back Pain*, 3rd Dubai Spine Educational Seminar, 24th January 2013, Dubai, UAE.
21. **A. El Shawarby**, *Anterior Decompressive Corpectomy and Fusion for Posterior Longitudinal Cervical Ligament Ossification Outcome Analysis and Report of 9 Cases with Review of the Literature*; 6th Annual International Conference of Neurosurgery, Oman Neurosurgical Society, 20-21 March 2013, Muscat, Oman.
22. **A. El Shawarby**, *Intraoperative Neuro-Monitoring*; Abu Dhabi Anesthesia Refresher Course, 15th May 2015, Abu Dhabi, U.A.E.

COURSES/SEMINARS ATTENDED

1994-2003 All Meetings of the Egyptian Neurosurgical Society

- 1998 W.F.N.S The Course on Clinical Neurosurgery
- 1998 European Spine Society Meeting and Course in Innsbruck Austria
- 1998 W.F.N.S The 16th Course on Clinical Neurosurgery Hannover, Germany
- 1998 Midas Rex Microsurgical Drilling Training workshop Nov Hannover, Germany
- 1999 W.F.N.S The 17th Course on Clinical Neurosurgery Hannover Germany
- 2000 W.F.N.S The 18th Course on Clinical Neurosurgery Hannover, Germany
- 2001 W.F.N.S International Course on Clinical Neurosurgery
- 2001 W.F.N.S The 19th Course on Clinical Neurosurgery, Trans-oral and Posterior Approach to the Cranio-cervical Region, Hannover, Germany
- 2002 Bipolar Electro Surgery and Image Guidance in Neuro-endoscopy, Hannover, Germany

- 2002 Neurosurgical Symposium, Hannover, Germany
- 2004 W.F.N.S the 22nd Course on Clinical Neurosurgery
- 2004 AO. Spine Innsbrucker Wirbelsäulen Operationskurs
- 2004 W.F.N.S & the Egyptian Neurosurgical Society Meeting
- 2004 XXII International Course in Clinical Neurosurgery Hannover, Germany
- 2004 Eppendorfer AO Spine- Wirbelsaeulenseminar Hamburg, Germany
- 2005 Spine Motion Course Vienna, Austria
- 2005 Tango Spine Meeting St. Josefs Hospital Wiesbaden, Germany
- 2005 10th International Argos Symposium Paris, France
- 2007 A.O. Spine Interactive Course. U.A.E
- 2007 World Federation Training Course, Sharm El Sheikh, Egypt
- 2006 The 1st Eastern Mediterranean Congress on Minimally Invasive Neurosurgery
- 2008 The 2nd Annual International Pediatric Conference, Hot Topics in Pediatrics
- 2008 The International Conference for Pain Management
5th Symposium of Management of Pain. U.A.E
- 2008 U.S spine Masters Course, Dubai U.A.E.
- 2008 2nd Emergency Surgery and Trauma Conference, Fujairah, U.A.E
- 2010 Monthly Scientific Meeting of the Emirates Neuroscience Society, Topic: Cranio-Orbital Lesions: Case Report, 21 January, Dubai
- 2010 4th Int'l Congress, Emirates Neuroscience Society, 6-8th November, Dubai
- 2010 11th Dubai Spine Conference,"Non-Fusion Techniques/Spinal Navigation", 12-13 May, Dubai
- 2010 Euro Spine 2010 Congress, 15-17 September, Vienna, Austria
- 2011 12th Dubai Spine Conference, 10th - 12th May, Dubai, U.A.E.
- 2011 Scientific Meeting of the Emirates Neuroscience Society, September, Dubai
- 2011 14th WFNS Interim Meeting, 15th Congress of Continuous Education of the Brazilian Society of Neurosurgery, 17th September, Pernambuco, Brazil
- 2011 "Controversies in Spinal Trauma", 18th October, Milano, Italy
- 2011 Eurospine 2011 Annual Meeting, 19-21 October, Milano, Italy
- 2011 5th American-Kuwaiti Neurosurgical Meeting, 4-6 December, State of Kuwait
- 2011 3rd Annual SEHA Research Conference, 14-15 December, Abu Dhabi
- 2011 Monthly Scientific Meeting of the Emirates Neuroscience Society, 22 December, Al Ain, U.A.E.
- 2012 1st Dubai Spine Educational Seminar, "Degenerative Lumbar spine Diseases" 12 January, Burj Al Arab, Dubai

- Epidemiology: Low Back Pain Basic Principles
Complications Avoidance & Management of Lumbar Disc Herniation (LDH)
- 2012 The First Saudi International Spine Conference,
20-23 January, Riyadh, Saudi Arabia
- 2012 Monthly Scientific Meeting of the Emirates Neuroscience Society,
26 January, Abu Dhabi, U.A.E.
- 2012 12th Dubai Spine Conference
Spine General Hybrid Spinal Stabilization
- 2012 “Minimally Invasive Spine Surgery Cadaver Course”
30 April, Sharjah, U.A.E.
- 2012 13th Dubai Spine Conference Workshop
1-3 May, Dubai, U.A.E.
Far Lateral Disc Herniation, Technical Notes
- 2012 6th IGASS Forum, “Failed Outcome Despite Correct Treatment”
27 May, Amsterdam, Netherlands
- 2012 Spine Week 2012
28 May-1 June, Amsterdam, Netherlands
- 2012 2nd Dubai Spine Educational Seminar
14 June 2012, Raffles Hotel, Dubai
Introduction: Epidemiology of Neck Pain
- 2012 A. O. Spine Advanced Course-Concepts in the Treatment of Cervical Spine
8-9 October, Dubai
- 2012 A. O. Spine Advanced Course-Concepts in the Management of Degenerative
Spine, 15-17 October, Dubai, U.A.E.
- 2012 9th Pan Arab Neurosurgical Congress, 9-12 December, Kuwait
- 2013 14th Dubai Spine Conference, Safety in Spine Surgery/Degenerative Disc
Disease: Advances in the Management/Principles of Peripheral Nerve Surgery
9 - 11 April 2013, Dubai, U. A. E.
- 2013 81st American Association of Neurological Surgeons (AANS)
Annual Scientific Meeting, New Orleans, L. A., U. S. A.
27 April - 1st May 2013
- 2013 1st Arnett Middle East Symposium, “Planning & Treating Skeletal Malocclusions”
29-29 May 2013, Dubai, U.A.E.
- 2013 7th Asia Pacific Cervical Spine Society Meeting, 22nd-23rd August, Sapporo, Japan
2013 3rd Annual Johns Hopkins Spine Workshop, 6-7 September, Baltimore,
Maryland, U.S.A.
- 2013 15th World Congress of Neurosurgery, 8 - 13 September, Seoul, Korea

- 2013 4th Congress of Gulf Neurosurgical Society, 28-30 November, Doha, Qatar
- 2013 AOSpine Davos Courses, 8-12 December, Davos, Switzerland
OsseoFix, OsseoScrew & Illico MIS System Cadaver Lab Training
13 December 2013, Vienna, Austria
- 2014 Hands-on Cadaveric Workshop: “Surgery of Upper Cervical Spine”
18th January, Dubai, U.A.E.
- 2014 Egyptian International Conference, 37th Annual Meeting of Egyptian Society of Neurological Surgeons, 7, 8, 9 March, Cairo, Egypt
- 2014 Inspiration Meeting, May 23 & 24, Dubrovnik, Croatia
- 2014 6th Comprehensive S.O.R.G. Course in Maxillofacial Surgery
18-23 May, Kos Island, Greece
- 2014 Alphatec Spine MIS Symposium, 13 June, Vienna, Austria
- 2014 NNI Spine Course, 27 September, Singapore
- 2014 8th IGASS Forum, 30 September, Lyon, France
- 2014 Emirates Oncology Conference, 13-15 November, Abu Dhabi, U.A.E.
- 2014 10th Pan Arab Neurosurgical Society Congress, 4-6 December, Abu Dhabi, U.A.E.
- 2015 Alphatec Spine Academy, Basic Cervical-Lumbar Symposium, 11th & 12th April, Vienna, Austria
- 2015 83rd AANS Annual Scientific Meeting, 2-6th May, Washington, DC, U.S.A.
- 2015 11th Anesthesia Refresher Course, 15th May 2015, Abu Dhabi, U.A.E.
- 2015 3rd International Congress of Neurological Surgeons of Kyrgyzstan, 21-22 August, Cholpon-Ata, Kyrgyzstan
- 2015 9th IGASS Forum “What Drives Decision Making in Spine Surgery” 1st September, Copenhagen, Denmark
- 2015 Eurospine 2015, 2 – 4 September, Copenhagen, Denmark
- 2015 15th Interim Meeting of the World Federation of Neurosurgical Societies, 8-12 September, Italy, Rome
- 2015 Conjoint Meeting of the 9th APCSS & 1st Arab Spine Academy, 20-21 November, Dubai, U.A.E.
- 2016 1st SEHA Neuroscience Conference for Neuroscience Updates & Upgrades Theory & Practice, 4-6 February, Abu Dhabi, U.A.E.
- 2016 10th SEHA International Pediatric Conference , “Pelvic Nerve Stimulator, Novel Treatment in Neurogenic Bladder, 11 - 13 February, Abu Dhabi, U.A.E.

- 2016 Neuromodulation Implanting Techniques Course, 20 February, Sharjah, U.A.E.
- 2016 39th Annual Meeting of the Egyptian Society of Neurological Surgeons, 23- 26th March, Luxor, Egypt
- 2016 17th Dubai International Spine Conference, 23 -25th April, Dubai, U.A.E.
- 2016 Endoscopic Spinal Surgery, Basic Cadaveric Training Course, 3 & 4th June, Mainz, Germany
- 2016 Neurospine 2016, 4 – 7th October, Berlin, Germany
- 2016 3rd International Congress on Minimally Invasive Neurosurgery, 18th – 21st October, Cairo, Egypt

CERTIFICATES

- 1998 Certified from the Midas Rex Company U.S.A for the Microsurgical Drilling in cranial and spinal cases.
- 2005 Certified from Clinical House (Synthes) for the use of the Pro Disc Artificial Disc.
- 2005 Certified from the German Medical Syndicate, as Instructor for Intra-operative Radiation Protection.
- 2006 Certified from Kyphon U.S.A for Kyphoplasty Surgeries.
- 2005 Certified from Scientix Company for the Use of the Artificial Cervical Disc Prosthesis
- 2007 Certified Curriculum Designer from the Faculty and Leadership Development Center of the University of Alexandria, Egypt.
- 2007 Certified for the Code of Ethics from the Faculty and Leadership Development Center of the University of Alexandria, Egypt.
- 2007 Certified for the Effective Presentation Skills from the Faculty and Leadership Development center of the University of Alexandria, Egypt.
- 2007 Certified for Teaching Evaluation from the Faculty and Leadership Development Center of the University of Alexandria, Egypt.
- 2007 Certified for Teaching with Technology from the Faculty and Leadership Development Center of the University of Alexandria, Egypt.

- 2007 Certified for Credit hours from the Faculty and Leadership Development Center of the University of Alexandria, Egypt.
- 2012 Corticle Bone Screws with MAST/MIDLF Procedure Training 28 May-1 June, Leiden Netherlands
- 2012 SpineView, Systems and MIS Decompression System Training 30 Sept-1 October, Dusseldorf Germany
- 2012 “European Spine Course Diploma, Module 3 21-22 October, Dubai, U.A.E.
- 2013 Expert Symposium, Anatomical Restoration, 23 - 25 May, Barcelona, Spain
- 2013 IGASS Forum Emirates “Adjacent Level Syndrome”, 26th October, Dubai
- 2013 European Spine Course, “Spinal Deformities” 31 Oct-2 November, Dubai
- 2013 European Spine Course, “Revisions & Complications”, 1-3 November, Dubai
- 2015 Sacral Neuromodulation, Urologists & Colorectal Surgeons – Fundamental Training, 7-8 March 2015, Dubai, UAE
- 2015 AO Neurocourse-Neurotrauma, “A Cranial and Brain Initiative”, 4 - 6 June, Abu Dhabi, U.A.E.