



Mohamed Abdel Rahman Mohamed Abdel Fatah, M.D.

Professor of Neurosurgery

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Professional Summary

A distinguished Professor of Neurosurgery with a robust record of clinical excellence, academic leadership, and significant scholarly contributions. Expertise spans neuro-oncology, complex spine surgery, neurotrauma, and skull base procedures. A dedicated educator and mentor, proven through the successful supervision of numerous theses. An active and influential member of the international neurosurgical community, demonstrated by extensive high-impact editorial and peer-review activities.

Academic Appointments

- **Professor of Neurosurgery**, Faculty of Medicine, Ain Shams University, Cairo, Egypt | *Mar 2024 – Present*
- **Assistant Professor of Neurosurgery**, Faculty of Medicine, Ain Shams University, Cairo, Egypt | *Feb 2019 – Mar 2024*
- **Lecturer in Neurosurgery**, Faculty of Medicine, Ain Shams University, Cairo, Egypt | *Oct 2013 – Feb 2019*
- **Assistant Lecturer in Neurosurgery**, Faculty of Medicine, Ain Shams University, Cairo, Egypt | *Dec 2008 – Oct 2013*

National Academic Service

- **Arbitrator** | Supreme Council of Universities, Egypt | *Jan 2025 – Present*

Education and Qualifications

- **Doctor of Medicine (M.D.) in Neurosurgery** | Ain Shams University
| *May 2013*
Thesis: Surgical Management of Orbital Lesions
- **Master of Science (M.Sc.) in General Surgery** | Ain Shams University
| *Nov 2007*
Grade: Excellent | Thesis: Management of Traumatic Peripheral Nerve Lesions of the Upper Limb in Adults
- **Bachelor of Medicine, Bachelor of Surgery (M.B.B.Ch.)** | Ain Shams University | *Dec 2003*
Grade: Excellent with Honor
- **Intercollegiate MRCS:** Passed Parts 1, 2, Viva, and Communication Skills in September 2006, January 2007, and March 2009, respectively.

Peer Review Activities

- **World Neurosurgery** | April 2017 – Present | 250+ manuscripts
- **Scientific Reports** (Nature Portfolio) | September 2022 – Present
- **Operative Neurosurgery** | June 2023 – Present
- **Frontiers in Surgery** | November 2021 – Present
- **BMC Surgery** | November 2024 – Present
- **World Neurosurgery: X** | March 2024 – Present
- **Interdisciplinary Neurosurgery** | September 2025 – Present
- **Egyptian Journal of Neurosurgery** | February 2019 – Present
- **Ain Shams Medical Journal** | September 2024 – Present
- **Advanced Spine Journal** | August 2024 – Present

Languages

- **Arabic: Native**
- **English: Fluent (TOEFL: 603)**

Clinical Expertise

- **Neuro-Oncology & Skull Base Surgery:** Suprasellar lesions, anterior and middle skull base tumors, intra-axial and extra-axial brain tumors.
- **Spine Surgery:** Complex instrumentation of cervical, thoracic, and lumbar spine; management of degenerative disease, trauma, and spinal tumors.
- **Neurotrauma:** Management of severe traumatic brain and spinal cord injuries.
- **Pediatric Neurosurgery:** Myelomeningocele, tethered cord, pediatric brain tumors, congenital malformations.
- **General Neurosurgery:** Hydrocephalus, peripheral nerve surgery, CNS infections.

PREVIOUS POSITION

Editorial Board Member in the **Ec Orthopaedics Journal**, from 11/2016 to 9/2022.

Editorial Board Member in the **World Journal of Surgery and Surgical Research**, from 5/2018 to 1/2022.

MILITARY SERVICE

Performed the Military service “**GOOD MODEL**”

WORKSHOPS

- **MIDAS REX HANDS-ON WORKSHOP FOR SURGEONS, UNIVERSITY OF FLORIDA**, McKnight Brain Institute, *Gainesville, FLORIDA, USA*, in June 2011.
- **ENDOSCOPIC SPINE WORKSHOP, AIN SHAMS UNIVERSITY, CAIRO, EGYPT** in November 2012.
- **NEUROENDOVASCULAR WORKSHOP, AIN SHAMS UNIVERSITY, CAIRO, EGYPT** in February 2014.
- **EFFECTIVE ACADEMIC WRITING, NATURE RESEARCH ACADEMIES IN COLLABORATION WITH THE EGYPTIAN KNOWLEDGE BANK, CAIRO, EGYPT** in December 2021.
- **SUCCESSFUL PRE-SUBMISSION PUBLISHING STRATEGIES, NATURE RESEARCH ACADEMIES IN COLLABORATION WITH**

THE EGYPTIAN KNOWLEDGE BANK, CAIRO, EGYPT in December 2021.

- **EXCELLENCE IN PEER REVIEW, THE EGYPTIAN KNOWLEDGE BANK, CAIRO, EGYPT** in June 2023.

COURSES

- **SKULL BASE AND NEUROVASCULAR SURGERY, EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS, AIN SHAMS UNIVERSITY, Cairo, Egypt** in March 2007.
- **STEREOTACTIC AND FUNCTIONAL NEUROSURGERY, AIN SHAMS UNIVERSITY, Cairo, Egypt** in April 2007.
- **MICROSURGICAL APPROACHES TO THE BRAIN, VENTRICLES AND SKULL BASE**, Supervised by **PROFESSOR ALBERT RHOTON, UNIVERSITY OF FLORIDA, McKnight Brain Institute, Florida, USA** in June 2011.
- **NEUROVASCULAR SURGERY AND NEUROENDOVASCULAR COURSE, AIN SHAMS UNIVERSITY, Cairo, Egypt** in February 2014.
- **ADVANCED PROGRAMME IN PITUITARY GLAND, AIN SHAMS UNIVERSITY, National Training Institute, Cairo, Egypt** in April 2014.
- **STANDARDS FOR THE CONDUCT OF SYSTEMATIC REVIEWS, AIN SHAMS UNIVERSITY, Egyptian Center for Evidence-Based Medicine, Cairo, Egypt** in December 2014.
- **EPILEPSY SURGERY, EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS, Cairo, Egypt** in September 2016.
- **PREPARING COMPETITIVE RESEARCH PROJECTS, AIN SHAMS UNIVERSITY, Training and Development Center, Cairo, Egypt** in February 2018.
- **TIME AND MEETING MANAGEMENT (Leadership and Administration), AIN SHAMS UNIVERSITY, Training and Development Center, Cairo, Egypt** in February 2018.
- **SURGERY OF ANTERIOR CRANIAL FOSSA MENINGIOMA, Skull Base Division of Egyptian Society of Neurological Surgeons, National Training Institute, Cairo, Egypt, in January 2019.**

- ***THE USE OF TECHNOLOGY IN TEACHING, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in January 2019.
- ***RESEARCH TEAM MANAGEMENT, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in February 2019.
- ***PROBLEM-SOLVING AND DECISION MAKING (Leadership and Administration), AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in February 2019.
- ***THE MANAGEMENT OF CHANGE (Leadership and Administration), AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in March 2019.
- ***BIOSTATISTICS, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in September 2021.
- ***EGYPTIAN KNOWLEDGE BANK, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in October 2021.
- ***CONVINCING AND NEGOTIATING SKILLS, AIN SHAMS UNIVERSITY***, Training, and Development Center, Cairo, *Egypt* in June 2022.
- ***ROLE OF GOVERNANCE IN PERFORMANCE IMPROVEMENT, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in March 2023.
- ***LEGAL ASPECTS OF UNIVERSITY WORK, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt* in March 2023.
- ***CRITICAL THINKING SKILLS, AIN SHAMS UNIVERSITY***, Training and Development Center, Cairo, *Egypt*, in March 2023.

CONFERENCES (ATTENDANCE)

- ***NEUROPATHOLOGY SYMPOSIUM, AIN SHAMS UNIVERSITY***, in collaboration with the ***MAYO MEDICAL SCHOOL***, CAIRO, EGYPT, in May 2005.
- ***MINIMAL INVASIVE SPINAL SURGERY, AZHAR UNIVERSITY***, CAIRO, EGYPT, in January 2008.

- ***THE 5th ANNUAL CONFERENCE OF NEUROSURGERY DEPARTMENT AZHAR UNIVERSITY*** in collaboration with the ***EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS***, CAIRO, EGYPT, in January 2011.
- ***SKULL BASE SURGERY, AZHAR UNIVERSITY***, in collaboration with the ***EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS***, CAIRO, EGYPT, in January 2013.
- ***THE 37TH ANNUAL MEETING OF EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS***, CAIRO, EGYPT, in March 2014.
- ***THE ANNUAL CONFERENCE OF NEUROSURGERY AND SPINE CENTER, GALAA MILITARY MEDICAL COMPOUND***, CAIRO, EGYPT, in January 2015.
- ***THE 1st ANNUAL INTERNATIONAL CONGRESS OF NEUROSURGERY DEPARTMENT AIN SHAMS UNIVERSITY***, CAIRO, EGYPT, in April 2015
- ***THE 20th ANNUAL MEETING OF THE NEUROSURGICAL DEPARTMENT SUEZ CANAL UNIVERSITY***, AIN SOKHNA, EGYPT, in August 2015
- ***THE 2nd CLINICAL ONCOLOGY CONFERENCE AIN SHAMS UNIVERSITY***, CAIRO, EGYPT, in November 2015
- ***THE ANNUAL CONFERENCE OF NEUROSURGERY AND SPINE CENTER, GALAA MILITARY MEDICAL COMPOUND***, CAIRO, EGYPT, in January 2016
- ***THE 2nd ANNUAL INTERNATIONAL CONGRESS OF NEUROSURGERY DEPARTMENT AIN SHAMS UNIVERSITY***, CAIRO, EGYPT, in April 2016.
- ***Glioma in the Era of Precision Oncology, CAIRO Journal Club***, Helnan Landmark, New Cairo, EGYPT, in August 2025.

CONFERENCE/CONGRESS (SPEAKER/CHAIRMAN/COORDINATOR)

- **UPDATES IN DORSAL AND LUMBAR SPINE FUSION**, Ain Shams University, Cairo, **Egypt**, in January 2011.
- **THE 36TH ANNUAL MEETING OF THE EGYPTIAN SOCIETY OF NEUROLOGICAL SURGEONS (ESNS)**, Cairo, **Egypt**, in March 2013.
- **THE 36TH ANNUAL AIN SHAMS MEDICAL CONGRESS: "Subspecialty and the future,"** Ain Shams University, Cairo, **Egypt** in April 2015.
- **AIN SHAMS NEUROSURGERY INTERNATIONAL CONGRESS** in collaboration with the Egyptian Society of Neurological Surgeons (**ESNS**) and the Middle Eastern Society for Stereotactic and Functional Neurosurgery (**MSSFN**), Triumph Luxury Hotel, New Cairo, **Egypt**, in May 2023.
- **AIN SHAMS NEUROSURGERY INTERNATIONAL CONGRESS** in collaboration with the Egyptian Society of Neurological Surgeons (**ESNS**) and the Middle Eastern Society for Stereotactic and Functional Neurosurgery (**MSSFN**), Triumph Luxury Hotel, New Cairo, **Egypt**, in July 2024.
- **THE 45TH ANNUAL AIN SHAMS UNIVERSITY MEDICAL CONGRESS (ASUMC): "SMART SOLUTIONS IN HEALTHCARE"** Triumph Luxury Hotel, New Cairo, **Egypt**, in April 2025.

SUPERVISION OF SCIENTIFIC THESES

- **Predictors of the need for cerebrospinal fluid diversion in patients with myelomeningocele. (MD)**
- **Visual outcome predictors after surgical excision of meningiomas compressing the optochiasmatic complex. (MD)**
- **Efficacy of the Non-Surgical Treatment of Chronic Subdural Hematoma: A Systematic Review. (Master)**
- **Impact of extent of resection of glioblastomas on patients' survival: A Systematic review. (Master)**

- **Vagus Nerve Stimulation for Intractable Focal Epilepsy: A Systematic Review. (Master)**
- **Comparison of Anterior Versus Posterior Approach for the Treatment of Cervical Compressive Myelopathy Due to Ossification of the Posterior Longitudinal Ligament: A Systematic review. (Master)**
- **Extended Endoscopic Endonasal Approach versus Transcranial Approaches for Excision of Giant & Invasive Pituitary Adenomas (MD)**
- **Comparative Study between the Outcome of Microvascular Decompression in Trigeminal Neuralgia: Primary Versus Post Radiosurgery and Post Radiofrequency Ablation: A Systematic Review (Master)**
- **Evaluation of the Preoperative planning and Intraoperative Assistance of the 3D-printed Anatomical models in Scoliosis Surgery (MD)**
- **Assessment of the Consenting Process Obtained for Neurosurgical Interventions (Master)**

PUBLICATIONS

- 1- **“Dexamethasone in Treatment of Bell’s Palsy”** Presented at the **36th Annual Ain Shams Medical Congress, AIN SHAMS UNIVERSITY, CAIRO, EGYPT** in April 2015
- 2- **“Normal Pressure Pseudotumor Cerebri, a Series of Six Patients”** Published in the ***Turkish Neurosurgery Journal*** on 25.05.2016
- 3- **“Management of Dropped Skull Flaps”** Published in the ***Turkish Neurosurgery Journal*** on 05.08.2016
- 4- **“Management of Chronic Subdural Hematoma in Patients with Intractable Thrombocytopenia”** Published in the ***Turkish Neurosurgery Journal*** on 17.10.2016

- 5- "Management of bone fragments in nonmissile compound depressed skull fractures" Published in the *Acta Neurochirurgica Journal* on 21.11.2016
- 6- "The Walking Recovery One Year after Surgical Management of Thoracolumbar Burst Fracture in Paraplegic Patients" Published in the *Neurologia medico-chirurgica Journal* on 21.7.2017
- 7- "Inner membrane opening during the burr-hole evacuation of a chronic subdural hematoma: risk-adding or recurrence-preventing?" published in the *Egyptian Journal of Neurosurgery* on May 2, 2018.
- 8- "Prognosis of Acute Subdural Hematoma Greater Than 10 mm in Thickness in Head Injury Patients with Extension or No Motor Response to Pain after Resuscitation," published in the *Egyptian Journal of Neurosurgery* on February 12, 2019.
- 9- "Recurrence Rate of Chronic Subdural Hematoma After Evacuation by Two Large Burr Holes, Irrigation, and Subgaleal Low-Pressure Suction Drainage," published in the *Asian Journal of Neurosurgery* in February 2019.
- 10- "Visual Outcome Predictors After Surgical Excision of Meningiomas Compressing the Optochiasmatic Complex", Published in the *Egyptian Journal of Neurosurgery* on 30 June 2020.
- 11- "Impact of Extent of Resection of Newly Diagnosed Glioblastoma on Survival: A Meta-Analysis", Published in the *Egyptian Journal of Neurosurgery* on 01 February 2022.
- 12- "Clinical Predictors of the Need for Ventriculoperitoneal Shunt Placement in Myelomeningocele Patients", published in the *Ain Shams Medical Journal*, in December 2022.
- 13- "Rate of Shunt Infection After Myelomeningocele Repair", published in the *Ain Shams Medical Journal*, in December 2022.
- 14- "Acetazolamide, Short Bed Rest, and Subfascial Off-Suction Drainage in Preventing Persistent Spinal Fluid Leaks from Incidental Dural Tears", Published in the *Journal of Neurological Surgery Part A*, on 24 January 2023.
- 15- "Medical Management of Chronic Subdural Hematoma with Low-Dose Dexamethasone: A Case Series Study", published in the *Neurologie - Psychiatrie - Geriatrie*, in February 2023.

- 16- “Recurrence of Parasagittal Meningiomas Following Simpson Grade II Excision Through Unilateral Craniotomies Not Crossing the Midline”, published in the *Ain Shams Medical Journal*, in June 2023.
- 17- “The Value of Suction Drainage for a Chronic Subdural Hematoma in Elderly Patients: A Retrospective Cohort Study”, published in the *Mansoura Medical Journal*, in June 2023.
- 18- “Cervical Corpectomy Versus Two-Level Anterior Discectomy for Double-Level Cervical Spondylotic Myelopathy”, published in the *Ain Shams Medical Journal*, in June 2023.
- 19- “Efficacy of the Non-Surgical Treatment of Chronic Subdural Hematoma: A Systematic Review”, published in the *QJM: An International Journal of Medicine*, in August 2023.
- 20- “Management of spontaneous pyogenic spondylodiscitis: a descriptive cohort study”, published in the *Egyptian Journal of Neurosurgery*, in June 2024.
- 21- “Walking recovery after tethered cord release”, published in the *Neurosurgical Review* in June 2024.
- 22- “Impact of an In-Hospital Postoperative Imaging after Uncomplicated Elective Posterior Lumbar Fixation: A Case Series”, published in the *Neurosurgical Review*, in October 2024.
- 23- “Assessment of the Consenting Process Obtained for Neurosurgical Interventions”, published in the *Ain Shams Journal of Forensic Medicine and Clinical Toxicology*, in November 2024.
- 24- “Comparative Study between Endoscopic Lumbar Discectomy and Lumbar Fixation in Management of Recurrent Lumbar Disc Prolapse”, published in the *QJM: An International Journal of Medicine*, in November 2024.
- 25- “Vagus Nerve Stimulation for Intractable Focal Epilepsy”, published in the *QJM: An International Journal of Medicine*, in July 2024.
- 26- “Comparison of anterior versus posterior approach for the treatment of cervical compressive myelopathy due to ossification of the posterior longitudinal ligament,” published in the *Egyptian Journal of Neurosurgery* in January 2025.

- 27- **“Is the size of the transforaminal lumbar cage a risk factor for cage subsidence? A retrospective cohort study,”** published in **Neurosurgical Review** in May 2025.
- 28- **“Extended endoscopic transtuberculum approach for purely supradiaphragmatic pediatric craniopharyngiomas: outcomes from a single-center cohort study,”** published in **Neurosurgical Review** in November 2025.
- 29- **“Unilateral Posterior Vertebral Column Resection Versus Bilateral Approach for Post-Traumatic Thoracic Angular Kyphosis: A Propensity-Matched Non-Inferiority Study,”** published in **European Spine Journal** on June 17, 2026.

OPERATIVE EXPERIENCE

OPERATIVE PROCEDURES	Assisted	Performed with excellence
COMMON PROCEDURES		√
• Lumbar puncture		√
• Trauma (EDH, SDH, compound depressed fractures, ICH, traumatic contusions and burst lobes)		√
• Thoracic spine laminectomy and fixation		√
• VP shunts, VA shunts, LP shunts, EVD		√
• Repair of meningocele and encephalocele.		√
• Lumbar spine laminectomy and discectomy.		√
• Lumbar fixation.		√
• Cervical spine laminectomy		√
• Anterior cervical discectomy and fusion		√
• Anterior cervical corpectomy and fusion		√
• Suboccipital decompression for Chiari malformation		√
• Repair of peripheral nerve injuries.		√
• Carpal tunnel release.		√
• Repair of growing skull fracture.		√
• Intra-axial brain tumors like Glioblastoma		√
• Extra axial brain tumors like meningiomas and metastasis		√
MAJOR PROCEDURES		
• Posterior fossa and CPA lesions.		√
• Pediatric brain tumors.		√
• Dorsal laminectomy and fixation.		√
• Spinal metastasis		
• Intramedullary and extramedullary cord lesions		√
• Lateral mass screws for cervical fixation.		√
• Tethered cord release.		√
• C1-C2 fixation and fusion.	√	
• Suprasellar lesions.		√
• Trans-sphenoidal approach for pituitary adenomas	√	
• Brain abscess aspiration and excision.		√
• Intracerebral hydatid cyst excision.		√
• Anterior and middle skull base tumors.		√
• Transcallosal approach for intraventricular tumors.		√
• Transcortical excision of intraventricular tumors.		√
• Cortical superficial AVM removal and excision of cavernous angioma.		√
• Intracerebral aneurysm clipping.	√	