

## Curriculum Vitae

### Name

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Walid I. Attia, MD, MSc, PhD

### Present Title

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Consultant Neurological Spine surgery

Director, Owner AANSA, LLC

### Personal Statement

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I am a ***fellowship-trained attending neurosurgeon*** with more than **25 years of independent clinical and academic experience** across major healthcare systems in the **United States, Japan, Egypt, and Saudi Arabia**. Formally trained in **complex spine surgery at a US academic medical center** and in **functional neurosurgery in Japan**, I have performed **3,500+ spine surgeries**, including **850+ navigation-guided complex procedures**, with expertise spanning **complex degenerative disease, spinal deformity, tumors, trauma, revision surgery, cranial neurosurgery, navigation-guided and minimally invasive techniques**. I bring extensive **attending-level experience in independent clinical practice, operative leadership, emergency coverage, and multidisciplinary collaboration**, coupled with a sustained commitment to **academic medicine**. I served for **10 years as Director of an accredited Spine Fellowship Program**, training and graduating **8 spine fellows**, and have actively **mentored residents, fellows, and junior faculty**, while contributing to **peer-reviewed publications, book chapters, translational research, and international keynote presentations**. In addition to high-acuity clinical practice, I have led **program development, quality initiatives, and multidisciplinary spine services within accredited healthcare systems**. I am now seeking a **US attending neurosurgeon role** where I can contribute immediately as a **high-level clinician**,

**committed educator, and collaborative academic faculty member.**

## **Professional Standing**

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Demonstrated record of ethical practice and clinical accountability, with no criminal convictions, malpractice claims, litigation, or disciplinary actions across multiple international healthcare systems (Egypt, Saudi Arabia, Japan, USA).

## **Areas of Expertise**

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- **Microscopic** Adult & Pediatric Spine Surgery
- **Complex** Degenerative Deformity & Spine Oncology
- **Minimally Invasive Surgeries**
- **Navigation-Guided** Spine Techniques
- General Neurological surgery
- Teaching & Mentorship of Residents and Fellows
- Spine **Fellowship Program** Directorship
- Tumor Board Collaboration & Interdisciplinary Case Management
- International Spine Practice and **Medical Tourism**
- **Community engagement** through developing and maintaining a professional educational **digital and social media platforms** to advance public medical education and health literacy, that includes:
  - Professionally curated **website** ([www.walidattia.com](http://www.walidattia.com)),
  - Educational videos on **YouTube** (<https://www.youtube.com/@DoctorWalidAttia>)

## **Education**

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**2006: Doctorate degree, Neurosurgery-** Supreme Council of

Egyptian Universities, Cairo, Egypt

**2003: PhD, Neurosurgery** - Shinshu University graduate School of Medicine, Matsumoto, Nagano, Japan

**1997: MSc, Surgery/ Neurosurgery-** Tanta University Faculty of Medicine Tanta, GHR, Egypt

**1992: MBBCh-** Tanta University Faculty of Medicine Tanta, GHR, Egypt

**ECFMG Certified** — Credentials verified via ECFMG/ Intealth and available for primary-source transmission through EPIC.

## Training

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**2008: Fellowship, Complex Spine Surgery-** Medical College of Georgia. Augusta, GA, USA

**2004: Fellowship, Functional Neurosurgery-** Tokyo Women's Medical University. Tokyo, Japan

**2003: PhD Scholarship, Vascular Neurosurgery-** Shinshu University School of Medicine Matsumoto, Nagano, Japan

**1997: Residency, Neurosurgery-** Tanta University Hospitals Tanta, GHR, Egypt

**1994: Internship, Medicine & Surgery-** Tanta University Hospitals Tanta, GHR, Egypt

## Professional Training Courses

**2015:** AO SPINE Faculty Training, Dubai, UAE

**2008:** Hands-on training course on minimally invasive spine fusion (AXIALIF), Denver, Colorado, USA

**2003:** Aichi University 9<sup>th</sup> cadaver workshop on skull base and spine,

Aichi, Japan

**2003:** 7<sup>th</sup> Keio University and WFNS cadaver dissection course, Keio University, Tokyo, Japan

**2001:** Neuro-endoscopic hands-on course. Cairo, Egypt

**1999:** Skull base surgery workshop organized by the Egyptian Society of Neurological surgeons. Cairo, Egypt

**1999:** WFNS skull base surgery workshop. Alexandria, Egypt

## Academic Appointments

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**2010-2019:** Spine fellowship Director, National Neuroscience Institute, KFMC, Riyadh, KSA

**2006-2018:** Lecturer of Neurosurgery, Tanta, GHR, Egypt

**2006- 1998:** Assistant Lecturer of Neurosurgery, Tanta University Faculty of Medicine Tanta

**1997-1998:** Clinical Demonstrator of Neurosurgery, Tanta University Faculty of Medicine Tanta, GHR, Egypt

## Hospital Appointments

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**2025-now:** Visiting Attending of Neurosurgery, MCG, AU, Augusta, GA, USA

**2019-2025:** Consultant Neurological Spine surgeon, Walid Attia Neurospine Service ( private), Cairo, Egypt

**2008-2019:** Consultant Neurosurgeon- Consultant Spine surgeon King Fahad Medical City, Riyadh, KSA

**1997-2018:** Attending Physician- Neurosurgeon Tanta University Hospitals Tanta, GHR, Egypt

## LICENSURE

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**KSA:** Saudi Arabian Ministry of health; # 09-R-M-0283748

**Egypt:** Egyptian Ministry of Health; # 116423

**USA:** Educational Commission for Foreign Medical Graduates , # 0-506-399-5

**NPI:** # 1760608202

## Certification

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**2010: Consultant of Neurosurgery-** Saudi Ministry of Health, Riyadh, KSA

**2010: Consultant of Spine Surgery-** Saudi Ministry of Health, Riyadh, KSA

**2008: Consultant of Neurosurgery-** Egyptian Medical Syndicate Cairo, Egypt

**2004: Registrar (specialist) of Neurosurgery-** Egyptian Medical Syndicate Cairo, Egypt

**1998: Registrar (specialist) of General Surgery-** Egyptian Medical Syndicate Cairo, Egypt

## Professional Organizations (and Committees)

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**2017:** Saudi Society Of Spine Surgeons

**2013:** World Federation of Neurological Surgeons (WFNS)

**2013:** International Society for Advancement of Spine Surgery ( Director of the Middle East Chapter)

**2012:** Egyptian Spine Society ( Executive member)

**2011:** Asia Pacific Cervical Spine Society ( Executive member)

**2010:** World Spinal Column Society ( Associate Member)

**2004:** AANS ( international member)

**2003:** Egyptian Society for Neurological Surgeons

**2003:** Pan Arab Society for Neurological Surgeons

**2000:** Japanese Society for Neurological Surgeons

## **Administrative Experience**

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**2010:** Spine fellowship Director, National Neuroscience Institute, KFMC, Riyadh, KSA

**2010:** Chief Academic Officer KFMC, NNI , Spine Surgery Department. Riyadh, KSA

**2010:** Quality Control Officer KFMC, NNI, Spine Surgery Department. Riyadh, KSA

**1997:** Chief Physician (co-manager) on call Tanta University Hospitals Tanta, GHR, Egypt.

**1994:** Inspector Physician Egyptian Ministry of Health and Population , Tanta 1<sup>st</sup> Health Office Tanta, GHR, Egypt

## **International Other Audit, Directorship, Leadership, & Educational Roles**

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### **I. Visiting Professor and Invited Speaker**

**2025:** Visiting Attending at Department of Neurosurgery, Augusta University, Augusta, GA, USA

**2020:** Invited keynote speaker, Dandy Spine Society Meeting; Dubai, UAE

**2018:** Invited keynote speaker, Third international conference on Spine and Spinal disorders; Dubai, UAE

**2017:** Invited keynote speaker, Second international conference on Spine and Spinal disorders; Rome, Italy

**2016:** Invited speaker at The Asia Pacific Cervical Spine Meeting, Seoul, Korea

**2016:** Invited speaker at The 6th Spine Update, Abha, KSA

**2016:** Invited speaker at The International conference on Spine and Spinal disorders, Valencia, Spain

**2016:** Visiting Professor at Department of Neurosurgery, Augusta University, Augusta, GA, USA

**2014:** Invited speaker at The 1st World Congress of Orthopedic Surgeons, Xi'an, China

**2013:** Invited speaker at The WFNS, Seoul, Korea

**2013:** Invited speaker at The 2nd Middle East Spine Meeting, Izmir, Turkey

**2013:** Invited speaker at The 2nd Asian Congress of Minimally Invasive Spine Surgery and Techniques, Inuyama, Japan

**2012:** Invited speaker at The 2nd Egyptian Spine Society Conference, Luxor, Egypt

**2012:** Invited speaker at The 6th Asia Pacific Cervical Spine Society Conference, Chiang Mai, Thailand

**2012:** Visiting Professor at Department of Orthopedics, Stritch University School of Medicine, Loyola University, Chicago, USA

**2012:** Visiting Professor at Hines/Loyola Biomechanics Lab, Stritch University School of Medicine, Loyola University, Chicago, USA

**2012:** Visiting Professor at Department of Neurosurgery, Georgia Health Sciences University, Augusta, GA, USA

**2011:** Invited speaker at The 5th Asia Pacific Cervical Spine Society

Conference, Bali, Indonesia

**2010:** Visiting Professor at Department of Neurosurgery, Medical College of Georgia, Augusta, GA, USA

## II. Peer Reviewer and Judge for the work of others

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**2018:** Expert peer reviewer as a session chairperson at The Asia Pacific Cervical Spine Meeting, New Delhi, India

**2018:** Expert peer reviewer as a session chairperson at the Third international conference on Spine and Spinal disorders; Dubai, UAE

**2017:** Expert peer reviewer as a session chairperson at The Asia Pacific Cervical Spine Meeting, Cairo

**2016:** Expert peer reviewer as a session chairperson at The 6th Spine Update, Abha, KSA

**2016:** Expert peer reviewer as a session chairperson at The Asia Pacific Cervical Spine Meeting, Seoul, Korea

**2015:** Expert peer reviewer as a session chairperson at The Middle East Spine Society Meeting, Cairo, Egypt

**2015:** Expert peer reviewer as a session chairperson at The Asia Pacific Cervical Spine Meeting, Dubai, UAE

**2015:** Expert peer reviewer as a session chairperson at the 5th Spine Update Meeting, Al Khobar, KSA

**2014:** Expert peer reviewer as a session chairperson at The SANS, Riyadh, KSA

**2014:** Expert peer reviewer as a session chairperson at The Asia Pacific Cervical Spine Meeting, Istanbul, Turkey

**2014:** Editorial Board Member American Journal of Psychiatry and Neuroscience

**2014:** Editorial Board Member American Journal of Clinical and

## Experimental

**2014:** Editorial Board Member Clinical Medicine Research

**2014:** Editorial Board Member Austin Journal of Cerebrovascular Disease & Stroke

**2013:** Expert peer reviewer as a session chairperson at The 2nd Asian Congress of Minimally Invasive Spine Surgery and Techniques, Inuyama, Japan

**2013:** Expert peer reviewer as a session chairperson at The 2nd Middle East Spine Meeting, Izmir, Turkey

**2013:** Expert peer reviewer as a session chairperson at The WFNS, Seoul, Korea

**2013:** Expert peer reviewer as a session chairperson at The IITS, Seoul, Korea

**2013:** Peer Reviewer at the J. SciMed- Journal of Neurosurgery & Spine

**2013:** Editorial Board Member Comprehensive Research Journal of Medicine and Medical Science

**2012:** Expert peer reviewer as a session chairperson at The 6th Asia Pacific Cervical Spine Society Conference, Chiang Mai, Thailand

**2012:** Expert peer reviewer as a session chairperson at The 2nd Egyptian Spine Society Conference, Luxor, Egypt

**2012:** Peer Reviewer at the Egyptian Spine Journal

**2011:** Expert peer reviewer as a session chairperson at The 5th Asia Pacific Cervical Spine Society Conference, Bali, Indonesia

### III. Other Professional communications

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**2018:** Organizing Committee member, Third international conference on Spine and Spinal disorders; Dubai, UAE

**2017:** Organising committee member, Second international

conference on Spine and Spinal disorders; Rome, Italy

**2017:** Spine workshop organiser, Second international conference on Spine and Spinal disorders; Rome, Italy

**2017:** Scientific committee member, WFNS 2017, Istanbul, Turkey

**2015:** President of the 9th Asia Pacific Cervical Spine Society

**2015:** Chairman, the 9th Asia Pacific Cervical Spine Society meeting Dubai, Nov. 2015. Director for Spine workshop. Spine Surgery Institute, Sharjah, UAE

**2015:** Spine Faculty member AO Spine Society

**2014:** Founder of The Arab American Spine Academy Atlanta, USA

**2013:** Founder of The Arab Spine Academy Beirut, Lebanon

**2012:** Organizing Committee Chairman First Saudi International Spine Conference Held at the Ritz- Carlton. Riyadh, KSA

**2012:** Director for Spine workshop King Saud University, Riyadh, KSA

**2012:** International Society for the Advancement of Spine Surgery  
(Middle East Chapter) Representative

**2011:** Executive member of Asia Pacific Cervical Spine Society

**2011:** Faculty Instructor in the 2nd MEA Stryker symposium. Dubai, UAE

## Consulting Agreements

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**2011:** Clinical Investigator in the Masters D multicenter study for Medtronic Spinal and Biologics Europe BVBA, Zaventem, Belgium

**2010:** Consultant and Instructor in education and training for Medtronic Mediterranean SAL, Beirut, Lebanon

## Role as Attending Neurosurgeon / Complex Spine Surgeon

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### Multiple Academic, Tertiary Hospitals | Egypt, Saudi Arabia

**Fellowship trained** and highly experienced attending neurosurgeon with **25+ years of independent clinical practice** across **academic university-based, national tertiary referral hospital systems**. Brought in repeatedly to deliver advanced spine services, manage high-acuity cases, and strengthen institutional surgical capabilities.

#### 1. Attending role

- Served as **Attending Neurosurgeon with full surgical privileges** across multiple hospitals and healthcare systems.
- Performed **3,500+ spine surgeries**, including minimally invasive, deformity, tumor, trauma, and complex revision procedures.
- Functioned as **primary surgeon** for both elective and emergency cases in high-volume, high-acuity environments.
- Established and expanded **advanced spine surgery programs**, contributing to referral growth and service-line development.
- Introduced **modern fixation techniques**, including early adoption of pedicle screw instrumentation at an academic teaching hospital.
- Led and participated in **multidisciplinary spine tumor boards**, improving coordination of oncologic spine care.
- Supervised residents and junior faculty, providing **hands-on operative teaching and mentorship**.
- Consistently met institutional expectations for **quality, safety, and performance metrics**.

## 2. Clinical Teaching and Supervision

- Supervised residents, fellows, and junior surgeons during:
  - Inpatient neurosurgical ward rounds
  - Outpatient neurosurgery clinics
  - Emergency and trauma coverage
  - Operating room observation and assisted participation
- Core clinical skills taught:
  - Neurological history and examination
  - Diagnosis and differential diagnosis
  - Interpretation of Neuro-imaging and Neuro-physiologic studies of brain and spine
  - Ethical decision-making and patient safety
- Teaching occurred in **high volume tertiary clinical environments**, strengthening experiential learning.

## 3. Mentorship and Faculty Development

- Mentored:
  - Medical students during clinical rotations
  - Neurosurgery residents and fellows in clinical and academic development
- Supervised trainees in:
  - Surgical skills growth
  - Thesis preparation
  - Oral and poster presentations
- Supported junior teaching staff in educational delivery.

## 4. Impact and Reputation

- Granted full privilege Neurological Spine Surgeon at many tertiary care hospitals.
- Sustained contribution to undergraduate and postgraduate medical training at **major public medical school**.
- Graduates taught progressed to:
  - Directors of training programs

- Specialist and consultant clinical practice
- Teaching reputation supported later appointments to:
  - Fellowship directorship
  - Chief academic and quality leadership roles in an international tertiary center

## Role as Attending Neurosurgeon & Director, Spine Fellowship Program

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### King Fahad Medical City – National Neuroscience Institute | Riyadh, Saudi Arabia

Senior academic attending spine surgeon with a proven track record in **program development, advanced surgical care, and postgraduate education** at a quaternary referral center. Entrusted with building a nationally accredited spine fellowship while maintaining a high-volume complex surgical practice.

- Served as **Attending Spine Surgeon** performing **850+ navigation-guided complex spine procedures** as primary surgeon among more than 3500 spine surgery cases.
- **Founded and directed** a comprehensive **Spine Fellowship Program** over **10 years**, training surgeons from neurosurgery and orthopedic backgrounds.
- Designed and implemented a **structured, outcomes-driven fellowship curriculum** combining operative exposure, didactics, and research.
- **Graduated 8 fellows**, all progressing to independent practice or leadership roles in their home institutions.
- Achieved **national accreditation** of the fellowship through the Saudi Commission for Health Care Specialties (SCFHS).
- Played a central role in establishing the **National Neuroscience Institute** as a national and regional referral center.
- Held senior leadership roles including **Chief Academic Officer and**

**Quality Officer**, supporting **initial and repeat CBAHI accreditation**.

- Mentored fellows in clinical research, resulting in **peer-reviewed publications and international presentations**.

### **Clinical Excellence and Supervision**

- Supervised complex spine surgical care across the full spectrum of adult and pediatric spine pathology.
- Modeled best practices in patient safety, evidence-based medicine, ethical, and state-of-the-art clinical decision-making.
- Maintained excellence in clinical outcomes while advancing trainee autonomy.
- Introduced & Adopted Advanced technologies in Image-guided neurological spine surgery: mentored and trained residents, fellows, and junior surgeons to comfortably use neuronavigation in spine surgery cases.

### **Administrative and Institutional Service**

- Served in concurrent leadership roles supporting academic governance, quality assurance, and departmental performance.
- Collaborated with hospital leadership to align fellowship goals with institutional and national healthcare priorities.
- Represented the program at national and international academic and professional meetings.

### **Impact and Reputation**

- Contributed to the establishment of KFMC–NNI as a **regional and international referral center for complex spine surgery and training**.
- Demonstrated sustained impact in education, clinical care, and academic leadership.

### **Leadership as Founder and Owner**

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**Arab American Neuro-Spine Academy (AANSA)- USA & International | 2014–Present**

Physician entrepreneur and academic leader who founded an international spine education and collaboration platform to extend structured training, mentorship, and innovation beyond a single institution while maintaining active attending-level clinical engagement.

- Provided sustained **leadership** in the **design, delivery, and coordination** of advanced educational programs in neurosurgery and spine surgery.
- **Developed the Academy's academic vision and strategic mission**, promoting high-quality, evidence-based education and **cross-cultural** professional **exchange** among neurosurgeons, spine surgeons, trainees, and allied health professionals.
- Planned and delivered structured teaching programs, including:
  - Didactic lectures and case-based discussions
  - Hands-on **wet (cadaveric) laboratories**
  - **Dry laboratories** utilizing sawbone models and computer-based surgical simulators
  - Surgical technique **simulation** courses focused on complex spine surgery, cranial neurosurgery, and minimally invasive approaches
- Served as **faculty instructor** and **course director**, ensuring academic rigor, clinical relevance, and alignment with contemporary neurosurgical standards of practice.
- Led the **organization of regional and international scientific conferences**, symposia, and educational meetings under the Academy's auspices.
- Oversaw **key academic and organizational activities**, including:
  - Faculty selection and coordination
  - Curriculum and program development
  - Abstract review and session moderation
  - Collaboration with national and international invited speakers
- Established the Academy as a platform for **continuing medical education (CME)**, mentorship, and professional networking, fostering collaboration between **U.S.-based and international clinicians and academicians**.
- Demonstrated sustained educational leadership, scholarly service, and **academic impact beyond a single institution**.

## Audit Role in Reports and Research

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### I. King Fahad Medical City

- **2010:** High cervical spinal paragangliomas: review of literature and case discussion
- **2010:** Radiologic assessment of disc height and spinal alignment parameters in lumbar spine operative cases with or without disc spacers (multicenter study)
- **2010:** Intradural rupture and retrieval of TLIF cages: literature review with two case presentations
- **2010:** Pros and cons of intraoperative imaging and navigation in spine surgery: KFMC experience with a review
- **2010:** Role of O-arm and neuronavigation in complex spine surgery

### II. Tokyo Women's Medical University

- **2004:** Anatomical and thermal study of the safety and efficacy of the endoarm in surgeries for cerebellopontine angle masses

### III. Shinshu University

- **2003:** Radiometric study of the arteries and veins of cerebral arteriovenous malformations
- **2003:** Electron microscopic study of the effect of presurgical embolization of cerebral arteriovenous malformations on adjacent brain tissue
- **2002:** Thermal study of the brain tissue around the nidus of cerebral arteriovenous malformations before and after nidus resection using

thermocamera

- **2002:** Morphometric study of the giant capillaries in the brain tissue around the nidus of cerebral arteriovenous malformations
- **2001:** Immunohistochemistry study of the brain tissue around the nidus of cerebral arteriovenous malformations

#### IV. Tanta University

- **1996:** Clinical study of the role of urodynamic studies in the management of thoracolumbar spine fracture patients
- **1995:** Comparative study of two different fixation systems for thoracolumbar spinal fractures

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### Scholarly Output & Research Impact

Google Scholar Profile:

<https://scholar.google.com/citations?hl=en&user=QowqBxcAAAAJ>

### Publications

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1. Arockiaraj J., Alawaji A., Alkuhaimi T., Alshahrani M., Prithishkumar I., Wani T., Bauones S., **Attia W.**, AlMusrea K. Morphometric analysis of lumbar pedicels in the Saudi Arabian population- A CT- based study on 1500 vertebrae. J. of craniovert jun and spine 16:312-9, **2025**
2. Arockiaraj J., AlDawood M., Al Mufarriji R., **Attia W.**, AlMusrea K. Brucellosis of the spine- A global public health problem- An analysis of 37 patients from a “high risk” region. J. of clinical orthopedics and trauma 38 : 102124, **2023**

3. Arockiaraj J., Arockiaraj M., **Attia W.**, AlMusrea K. Brucellosis of the spine in children- An analysis of 5 children from an endemic setting. *Int J of Spine Surg* 15 (4) 840-847, **2021**
4. AlAssaf N., **Attia W.** Treatment of chronic bilateral facet dislocation in a 6-year-old: A case report. *SAGE Open Medical Case Reports* 6:1–5, **2018**
5. Orif T., Alfawareh M., Halwani M., **Attia W.**, Almusrea K. Accuracy of percutaneous pedicle screw insertion in spinal fixation of traumatic thoracic and lumbar spine fractures. *Surgical Neurology International* (Apr) 10;9:78, **2018**
6. Labib A., **Attia W.** Cervical dumbbell ganglioneuromas causing myelopathy in a case of Neurofibromatosis type 1: Case report and literature review. *Egyptian Spine Journal* 23:43–48, **2017**
7. Alfawareh M., Shah I., Orif T., Halwani M., **Attia W.**, Almusrea K. Pediatric upper cervical spine giant cell tumor: Case report. *Global Spine Journal* 5:e28–e33, **2015**
8. **Attia W.** The Value of the Use of the O-Arm and Neuro-navigation in the Minimally Invasive Spine Surgery Cases. *Asian Spine Journal* 9 (S):58, **2015**
9. **Attia W.**, Orif T., Almusrea K., Halwani M., Alfawareh M. Role of O-arm and computer-assisted navigation in safe screw fixation in children with traumatic rotatory atlantoaxial subluxation. *Asian Spine Journal* 6(4):266–273, **2012**
10. Orif T., Orz Y., **Attia W.**, Almusrea K. Spontaneous resorption of sequestered intervertebral disc. *World Neurosurgery* 77(1), **2012**

11. Choudhri H., **Attia W.** Minimally invasive unilateral transforaminal lumbar interbody fusion (TLIF). *Neuroscience Outlook* 2(3):Winter issue, **2007**
12. Choudhri H., **Attia W.** Three-staged correction of post-surgical fixed cervical kyphotic deformity. *Neuroscience Outlook* 2(3):Winter issue, **2007**
13. Hori T., Okada Y., Maruyama T., Chernov M., **Attia W.** Endoscope-controlled removal of intrameatal vestibular schwannomas. *Minimally Invasive Neurosurgery* Feb;49(1):25–29, **2006**
14. **Attia W.**, Tada T., Hongo K., Nagashima H., Takemae T., Tanaka Y., Kobayashi S. Ultrastructural study of the microvasculature in the cerebral bed adjacent to arteriovenous malformation (AVM) nidus: A proof against endovascular embolization. *Developments in Neuroscience (ICS 1259)* 229–233, **2004**
15. **Attia W.**, Tada T., Hongo K., Nagashima H., Takemae T., Tanaka Y., Kobayashi S. Microvascular pathology of immediate perinidal parenchyma in cerebral arteriovenous malformations: Giant bed capillaries. *Journal of Neurosurgery* 98(4):823–827, **2003**

### **Thesis:**

1. **Attia W.**, Tada T., Hongo K., Nagashima H., Kobayashi S.: Microvascular pathology of immediate perinidal parenchyma in cerebral arteriovenous malformations: giant bed capillaries. Thesis for Doctorate Degree in Neurosurgery, Shinshu University, Japan. September 2003
2. **Attia W.**, Khairalla A N, Tourky S., Mandour S. : Management of ThoracoLumbar spinal injuries . Thesis for Master Degree, General Surgery, Tanta University, Egypt, September 1997

## Abstracts

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1. **Attia W.**, Tada T., Hongo K., Nagashima H., Kobayashi S.: The parenchymal microenvironment immediately adjacent to nidus of the cerebral arteriovenous malformation . Neurologia Medico-Chirurgica 61, 1403.3: proceedings of the 61th Annual Meeting of the Japan Neurosurgical Society, 2002
2. **Attia W.**, Tada T., Hongo K., Nagashima H., Kobayashi S.: vascular pathology of the neural microenvironment surrounding the nidus in operative cases of intracranial arteriovenous malformations (AVMs). Neurologia Medico- Chirurgica 60, 305: proceedings of the 60th Annual Meeting of the Japan Neurosurgical Society, 2001
3. **Attia W.**, Tada T., Hongo K., Nagashima H., Kobayashi S.: Vascular malformation nidus: a proof against endovascular embolization. Proceedings of the Joint Neurosurgical Convention of The 4th International Mt. Bandai Symposium for Neuroscience & The 5th Pan-Pacific Neurosurgery Congress, 2001

## Books

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- **Attia W** (contributor). Shaya M, et al (eds.). Neurosurgery Rounds: Questions and Answers, Thieme Medical Publishers, New York, NY, 2011

<https://search.library.yale.edu/catalog/99174786153408651>

- Thermographic, Technical and Clinical Assessment of the Role

of Endoscopy as an assistant in Microneurosurgery for Vestibular Schwannomas. Joint Neurosurgical Convention 2006, The 4th International Mt. Bandai Symposium for Neuroscience & The 5th Pan-Pacific Neurosurgery Congress, Hawaii, USA 2006

<https://www.med.akita-u.ac.jp/~noushin/meeting2006.html>

## Book Chapters

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Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014

<https://search.library.yale.edu/catalog/991010421646008651>

1. **Attia W, et al** ( Chapter Author). Anterior cervical discectomy, p. 29: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014
2. **Attia W, et al** ( Chapter Author). Posterior lumbar interbody fusion, p. 119: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014
3. **Attia W, et al** ( Chapter Author). Sacral iliac screw placement, p. 134: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014
4. **Attia W, et al** ( Chapter Author). Dynamic posterior lumbar stabilization, p. 144: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York,

NY, 2014

5. **Attia W, et al** ( Chapter Author). Minimally invasive cervical decompression: Anterior cervical microforaminotomy, p. 155: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014
6. **Attia W, et al** ( Chapter Author). Thoracoscopic approach to cervical spine, p. 158: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014
7. **Attia W, et al** ( Chapter Author). C1- C2 puncture, p. 250: Neurosurgery Tricks of the Trade: Spine and Peripheral Nerves. Thieme Medical Publishers, New York, NY, 2014

### **Publications in Editing process**

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1. Role of O-arm and Neuronavigation in complex spine surgery.
2. Pros and cons of intraoperative imaging and navigation in spine surgery: KFMC experience with a review
3. Intradural rupture and retrieval of TLIF cages, Literature review with 2 case presentations
4. Radiologic assessment of disc height and spinal alignment parameters in lumbar spine operative cases with or without disc spacers (a multi-center) study

### **Poster Presentations**

---

**Attia W.**, Tada T., Hongo K., Nagashima H., Takemae T., Tanaka Y., AND Kobayashi S.: Microvascular pathology of immediate perinidal parenchyma in cerebral arteriovenous malformations: giant bed capillaries. 61<sup>st</sup> annual meeting of the Japanese Neurosurgical Society, Matsumoto, Japan, October 2002

## Oral Presentations

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1. The value of O-arm and Neuronavigation in minimally invasive spine surgery. Middle East Spine Society (MESS), Cairo, Egypt — May 2015
2. Decision Making in Acquired Adolescent Spine Deformity: case discussions in the light of KFMC experience & the role of O-arm and Neuronavigation in their management. Spine Update, Riyadh, KSA — December 2014
3. Decision Making in Acquired Adolescent Spine Deformity: case discussions in the light of KFMC experience & the role of O-arm and Neuronavigation in their management. Asia Pacific Cervical Spine Meeting, Istanbul, Turkey — November 2014
4. Decision Making in Acquired Adolescent Spine Deformity: case discussions in the light of KFMC experience & the role of O-arm and Neuronavigation in their management. World Federation of Neurological Surgeons, Seoul, Korea — September 2013
5. Role of O-arm and Stealth station in spine surgery: KFMC experience with a review. World Federation of Neurological Surgeons, Seoul, Korea — September 2013
6. Role of O-arm and Neuronavigation in complex spine surgery. 2nd Asian Congress of Minimally Invasive Spine Surgery and Techniques, Inuyama, Japan — May 2013
7. Decision Making in Acquired Adolescent Spine Deformity: case discussions in the light of KFMC experience & the role of O-arm and Neuronavigation in their management. 2nd Middle East Spine Meeting, Izmir, Turkey — May 2013
8. Role of the O-arm and Neuronavigation in safe screw fixation in children with traumatic rotatory atlantoaxial subluxation. 3rd Neurosurgical Update Conference, Jeddah, KSA — February 2013
9. Role of O-arm and Stealth station in spine surgery: KFMC experience

with a review. 2nd Egyptian Spine Society Conference, Luxor, Egypt — November 2012

10. Role of O-arm and Neuronavigation in complex spine surgery. 2nd Egyptian Spine Society Conference, Luxor, Egypt — November 2012
11. Role of O-arm and Stealth station in spine surgery: KFMC experience with a review. 6th Asia Pacific Cervical Spine Society Conference, Chiang Mai, Thailand — November 2012
12. Role of O-arm and Neuronavigation in complex spine surgery. 5th Asia Pacific Cervical Spine Society Conference, Bali, Indonesia — November 2011
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