

Osama Mohammed Ibrahim Dawood

MBBCh, MSc (Surgery), MD (Neurosurgery)

Consultant Neurosurgeon — Neuro-Spinal Surgery
Assistant Professor of Neurosurgery, Ain Shams University



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PERSONAL DATA

Date of Birth	28 October 1973
Nationality	Egyptian
Gender	Male
Languages	Arabic (native) · English · French
Licensure	Fully licensed Consultant Neurosurgeon, Kingdom of Saudi Arabia, since 2010 — SCFHS Registration No. 10LM0317817
Residency Status	Saudi Premium Residency Holder — Special Talent category, granted 2025

EDUCATION

Postgraduate Studies

Doctor of Medicine (MD) in Neurosurgery

April 2006

Ain Shams University, Faculty of Medicine, Department of Neurosurgery, Cairo, Egypt

Thesis: *Endoscopic Management of Degenerative and Discogenic Diseases of the Dorsal and Lumbar Spine*

Master of Surgery (MSc)

November 2001

Ain Shams University, Departments of Neurosurgery & Surgery, Cairo, Egypt

Thesis: *Surgical Approaches to Lesions of the Cavernous Sinus*

Undergraduate Study

Bachelor of Medicine and Surgery (MBBCh)

1997

Ain Shams University, Faculty of Medicine, Cairo, Egypt

Grade: Very Good with Honours

High School Education

High School Certificate

1991

Saint George College Secondary (English) School, Egypt

CURRENT APPOINTMENTS

Consultant & Head, Neurosurgery and Spine Surgery Unit

2013 – Present

Dr. Bakhsh Hospital, Jeddah, Kingdom of Saudi Arabia

Assistant Professor of Neurosurgery

2019 – Present

Ain Shams University, Faculty of Medicine, Cairo, Egypt

PREVIOUS APPOINTMENTS

Head of the Emergency Department

Dr. Bakhsh Hospital, Jeddah, Kingdom of Saudi Arabia

May 2017 – June 2019

Head of the Operating Room Department & Operating Room Committee

Dr. Bakhsh Hospital, Jeddah, Kingdom of Saudi Arabia

Feb. 2015 – Aug. 2019

Consultant of Neurosurgery and Spine Surgery

Almoosa Specialist Hospital, Al Ahsa, Kingdom of Saudi Arabia

2010 – 2013

Lecturer of Neurosurgery

Ain Shams University, Faculty of Medicine, Cairo, Egypt

2006 – 2019

Clinical Fellow in Spine Surgery

Ege University, Department of Neurosurgery, Izmir, Turkey

Supervisor: Prof. Mehmet Zileli

2005

Assistant Lecturer of Neurosurgery

Ain Shams University, Faculty of Medicine, Cairo, Egypt

Sept. 2002 – 2006

Resident of Neurosurgery

Ain Shams University, Department of Neurosurgery, Cairo, Egypt

Apr. 1999 – Sept. 2002

House Officer (Internship)

Ain Shams University Hospitals, Cairo, Egypt

Mar. 1998 – Feb. 1999

AREAS OF SPECIAL INTEREST AND CLINICAL EXPERTISE

- **Endoscopic and minimally invasive spinal surgery** — microendoscopic discectomy and the full range of minimally invasive discectomy and fixation techniques.
- **Complex spine surgery** — management of degenerative and discogenic disease of the spine, with particular skill in complex reconstructive surgery and instrumented fixation of the cervical, dorsal and lumbar spine.
- **Stereotactic brain biopsy.**
- **Functional and pain neurosurgery** — treatment of painful neurosurgical conditions, principally trigeminal neuralgia, using radiofrequency techniques.
- **Neuro-oncology** — resection of brain and spinal tumours of varied location.
- **Neurotrauma** — surgical management of head injuries of all severities.
- **Peripheral Nerve Surgery** — decompression and repair of nerve injuries.

A detailed operative logbook covering cranial and spinal case volume is available upon request.

PROFESSIONAL MEMBERSHIPS AND LICENSURE

- Fully licensed Consultant Neurosurgeon, Kingdom of Saudi Arabia (since 2010)
- Egyptian Society of Neurological Surgeons
- World Spine Society (since 2005)
- International Corresponding Member, North American Spine Society (NASS)
- AO Spine
- Congress of Neurological Surgeons (CNS)
- World Federation of Neurosurgical Societies (WFNS)

TEACHING RESPONSIBILITIES AND PROFESSIONAL ACTIVITIES

- Selected as **lab faculty member** of the Aegean Spine Review Cadaver Course, November 2005, held in conjunction with the Cleveland Clinic Foundation; served again as **faculty member and lab instructor** at the Aegean Spine Review and Cadaveric Course, Izmir, Turkey, August 2010.
- Selected to participate in specialised advanced courses for the preparation of neurosurgical faculty members, Ain Shams University.
- **Founded and headed the Neuro-Spinal Surgery Unit** at Almoosa Specialist Hospital (2010–2013) — the first such unit in a private hospital in the Al Ahsa region, established with a strong regional reputation.

- **Session chairman** at numerous international spine meetings, and **Head of the Scientific Committee** of the first polytrauma conference held in Al Ahsa (2012), including organisation of the accompanying hands-on spinal fixation laboratory course.
- Active participant and speaker at national and international meetings addressing a broad range of topics in neurosurgery and spine surgery, including spinal endoscopy.

PEER-REVIEWED PUBLICATIONS

1. **Posterior Short-Segment Instrumentation with Intermediate Screw versus Long-Segment Instrumentation in Thoracolumbar Fracture Treatment**
Nagaty A, Dawood O, Elsabaa A.
Egyptian Spine Journal, Volume 39, July 2021.
2. **Depressed Skull Fractures Overlying Dural Venous Sinuses: Management Modalities and Review of the Literature**
Mostafa AM, El Molla ST, Abdelrahiem HA, Dawood OM.
Turkish Neurosurgery, 29(6): 856–863, 2019.
3. **Percutaneous Radiofrequency Rhizotomy for Recurrent Trigeminal Neuralgia after Failure of Microvascular Decompression**
Toubar A, Dawood O.
The Internet Journal of Neurosurgery, Volume 15, Number 1, 2019.
4. **Facet Joint Injection versus Radiofrequency Facet Neurotomy for the Treatment of Lumbar Facet Joint Arthropathy**
Toubar A, Dawood O.
Egyptian Spine Journal, 28(1): 25–31.
5. **Anchored Spacers versus Stand-Alone Cages in Two-Level Anterior Cervical Discectomy for the Treatment of Degenerative Cervical Disc Disease: A Comparative Study**
Dawood O, Toubar A, Anwer H, Aziz M.
Egyptian Spine Journal, 28(1): 13–24.
6. **Evaluation of Interspinous Spacer Outcomes in Degenerative Lumbar Canal Stenosis: Clinical Study**
Abdel Ghany WA, Amer A, Saeed K, Emara E, Hamad A, Nosseir M, Dawood O, et al.
World Neurosurgery, 95: 556–564.e3.
7. **Clinical Outcome Results of the Stand-Alone Anchored Spacer for Anterior Cervical Discectomy and Fusion**
Dawood O, Abdel Ghany W, Desoky A, Sabry H.
Egyptian Spine Journal, 26(1): 6–14.
8. **The MRI Finding of the Nerve Root Sedimentation Sign: Its Clinical Validity and Operative Relativity for Patients with Lumbar Spinal Stenosis**
Dawood OM, Hassan TA, Mohey N.
The Egyptian Journal of Radiology and Nuclear Medicine, 45(1): 203–209.
9. **Review Study of 243 Patients with Carpal Tunnel Syndrome who Underwent Open Release**
Dawood OM.
Pan Arab Journal of Neurosurgery, Volume 11, Number 2, October 2007.
10. **Microendoscopic Lumbar Discectomy (MED): Experience in 30 Cases**
Dawood OM, Samir MW, Hamad AG, El-Werdany M.
Egyptian Journal of Neurosurgery (E.J.N.S.), Volume 22, Number 2, June 2007.

CONFERENCE PRESENTATIONS

1. **Outcome Results of Anterior Cervical Discectomy and Fusion Using a Stand-Alone Anchored Spacer**
Dawood OM.
Congress of Neurological Surgeons (CNS) Annual Meeting, Boston, USA, October 2014 — poster presentation.
2. **Radiofrequency Ablation for Recurrent or Refractory Trigeminal Neuralgia after Microvascular Decompression: Results in 10 Patients**
Dawood OM.

British Neurosurgical Society Meeting, Sheffield, United Kingdom, 2013 — poster presentation.

3. Segmental Anterior Cervical Discectomy and Fusion in the Management of Cervical Spondylotic Myelopathy

Dawood OM.

Congress of Neurological Surgeons (CNS) Annual Meeting, Washington, DC, USA, October 2011 — poster presentation.

4. Comparison of Microendoscopic Discectomy with Microscopic Discectomy in Lumbar Disc Herniation: Results of a Randomised Controlled Trial

Dawood OM.

14th World Federation of Neurosurgical Societies (WFNS) Interim Meeting, Brazil, September 2011 — oral presentation.

5. Short-Segment Posterior Stabilisation and Reduction for the Treatment of Unstable Thoracolumbar Fractures: Results in 20 Patients

Dawood OM.

14th World Federation of Neurosurgical Societies (WFNS) Interim Meeting, Brazil, September 2011 — oral presentation.

6. Anterior Cervical Approach for Cervical Spondylotic Myelopathy in 25 Patients

Dawood OM.

Neuro Spinal Hospital Meeting, Dubai, United Arab Emirates, March 2009 — oral presentation.

7. Long-Term Results of Microvascular Decompression in Trigeminal Neuralgia

Dawood OM.

Pan Arab Neurosurgical Societies Meeting, Riyadh, Kingdom of Saudi Arabia, November 2008 — oral presentation.

8. A Comparative Study between Microendoscopic Discectomy and Microscopic Discectomy

Dawood OM.

Pan Arab Neurosurgical Societies Meeting, Riyadh, Kingdom of Saudi Arabia, November 2008 — poster presentation.

9. Microendoscopic Discectomy: Outcome Results, Complications and Technical Faults

Dawood OM.

World Spine Society IV Congress, Istanbul, Turkey, July 2007 — poster presentation.

CONFERENCES, COURSES AND FELLOWSHIP TRAINING ATTENDED

- **Advanced MIS Instructional Course**, Johnson & Johnson Institute, Norderstedt (Hamburg), Germany — 18–19 October 2018.
- **Hands-on training course in pain procedures**, Delhi Pain Institute, New Delhi, India — 2017.
- **Training course in endoscopic transforaminal discectomy and minimally invasive spine surgery**, Bangalore, India, under Dr. Girish Datar — 2016.
- Congress of Neurological Surgeons (CNS) Annual Meeting, Boston, USA — October 2014.
- Congress of Neurological Surgeons (CNS) Annual Meeting, Washington, DC, USA — October 2011.
- 14th World Federation of Neurosurgical Societies (WFNS) Interim Meeting, Brazil — 14–17 September 2011.
- Spine Masters Meeting, Dubai, United Arab Emirates — May 2011.
- **Aegean Spine Review and Cadaveric Course**, Izmir, Turkey — August 2010 (*faculty member and laboratory instructor*).
- World Federation of Neurosurgical Societies (WFNS) Meeting, Boston, USA — September 2009.
- **Neuro Spinal Hospital Meeting**, Dubai, United Arab Emirates — March 2009 (*session chairman and invited faculty*).
- Pan Arab Neurosurgical Societies Meeting, Riyadh, Kingdom of Saudi Arabia — November 2008.
- AO Spine Course, Dubai, United Arab Emirates — October 2008.
- Course on nerve stimulator and intrathecal pump insertion (Medtronic) — 2008.
- MIDAS Rex hands-on course — certification, 2008.
- **Second American–Kuwaiti Neurosurgical Meeting** — 2008 (*organising committee*).
- First Annual Meeting between the American Association of Neurological Surgeons (AANS) and the Department of Neurosurgery, State of Kuwait — “American Neurosurgery Update”.
- Fourth Meeting of the World Spine Society, Istanbul, Turkey — July 2007.
- **Aegean Spine Review Symposium and Cadaver Course**, Ege University in conjunction with the Cleveland Clinic Foundation, Izmir, Turkey — November 2005 (*laboratory faculty*).

- **Visiting Surgeon**, American Hospital, Koç University, Istanbul, Turkey — endoscopic spinal procedures under the supervision of Prof. Ali Fahir Ozer, Professor of Neuro-Spinal Surgery, May 2005.
- Turkish Spine Society 7th International Congress on Spine — April 2005.
- **Prof. Albert L. Rhoton Jr. Microneurosurgical Course**, Department of Neurological Surgery, University of Florida Brain Institute, in conjunction with the Department of Neurosurgery, Ain Shams University — 16–18 February 2005.
- WFNS Skull Base Committee Conference and the 29th Annual Meeting of the Egyptian Society of Neurological Surgery, Bibliotheca Alexandrina, Alexandria, Egypt — April 2004.
- Egyptian Society of Neurological Surgeons Meeting in collaboration with the French Neurosurgical Society, Sharm El Sheikh, Egypt — March 2003.
- Egyptian Society of Neurological Surgeons and Pan African Neurosurgical Societies Meeting, Cairo, Egypt — March 2002.
- Egyptian Society of Neurological Surgeons Summer Meetings — 2003 and 2005.
- Egyptian Society of Neurological Surgeons Annual Meetings — 1999, 2000, 2001 and 2006.