

Curriculum Vitae

Mohamed Mohi Eldin

Professor of Neurosurgery



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Full name: Mohamed Mohamed Mohi Eldin El Basiouny Ahmed.

Short name: Mohamed Mohi Eldin.

Position/title: Professor / Consultant Neurosurgery & Spine; Head of Minimally Invasive Spine Unit, Cairo University.

Nationality: Egyptian.

Professional POSTS:

- **Professor of Neurosurgery**, Faculty of Medicine, Cairo University, Egypt, (<http://scholar.cu.edu.eg/?q=mmohi>).
- **Initiative and Head of Minimally Invasive Spine Unit**, Neurosurgery Department, Faculty of Medicine, Cairo University, (established February 2020),
- **One of Founders and Executive Committee board member of Middle East Spine Society**, 2011 till now (ME Spine: <http://www.mespine.org>),
- **Middle East Spine Society President** (April 2019 to September 2022),
- **Board member of the Guideline Development Group** of Ageing and Health Unit, Department Division of UHC and Life Course, **World Health Organization** (May 2021 till now).
- **Head of Neurosurgery Department**, Nasser Institute Hospital, Specialized Medical Centers, Ministry of Health & Population, Cairo, Egypt, (September 2012 till 2019), (www.nasserinstitute.com).
- **Board member and referee of the committee of the Egyptian accreditation council for assigning neurosurgery university staffs**, as part of the Egyptian Universities Promotion Committees (EUPC), (March 2008 till 2022), (<http://www.scu.eun.eg/wps/portal>).
- **Task Force Consultant at strategic planning unit (SPU)**, Ministry of Higher Education, Egypt (2008-2010).
- **Board member** of the **Egyptian Society of Neurological Surgeons** (ESNS: <http://esns.org.eg>),
- **Administrator & Executive Committee member of the Neurospine Group** of the ESNS (<http://www.neurospinegroup.com>),
- **Initiative and Executive Committee member** of the **Pan Arab Minimally Invasive Spine Society** (PAMISS: <http://www.pamiss.com>) and **Chairman** of its Scientific Committee,

PROFESSIONAL MEMBERSHIPS:

Executive Committee Member of:

- Egyptian Universities Promotion Committees (**EUPC**), **Egyptian accreditation council for assigning Neurosurgery University staffs**, since March 2013 till 2022,
- **Neurospine Group** of ESNS, (www.neurospinegroup.com), 2006 till now,

- Egyptian Society of Neurological Surgeons, **ESNS** (esns.org.eg), 2009 till now,
- Pan Arab Minimally Invasive Spine Society, **PAMISS**, (www.pamiss.com), Jan 2009 till now,
- Middle East Spine Society, **ME-Spine**, (www.mespine.org), Jan 2011 till now.

Member of the Editorial Board of:

- Deputy editor of Asian Spine Journal (**ASJ**),
- Journal of Neurosciences in Rural Practice (**JNRP**), since 2009 till now,
- Journal of Neuroscience Research, since 2013 till now,
- Egyptian Journal of Neurosurgery.

Faculty Member of:

- The Turkey Congress of the International Society for Minimal Intervention in Spinal Surgery (**ISMISS** Turkey Congress)
- The Middle East Spine Society Conference

Member of

- American Association of Neurological Surgeons (**AANS**), USA
- Association for Medical Ethics (**AME**), previously known as Association for Ethical Spine Surgeons (**AESS**), USA
- AO Spine (Middle East)
- Congress of Neurological Surgeons (**CNS**)
- Egyptian Society of Neurological Surgeons, (**ESNS**)
- The Egyptian Spinal Society
- Member of Neurosurgical Society of Australasia (**NSA**), Australasia

DISTINCT ACHIEVEMENTS:

Chief Director & Supervisor of the Neurosurgery Department of:

- Naser Institute Hospital, Ministry of Health & Population (10-2012 till now)
- Faculty of Medicine, Fayoum University (2007-2008)
- Faculty of Physical Therapy, Cairo University (2003-2006)
- Neurosurgery Section of School of Nursing, Cairo University (2002-2003).

Establishment of:

- **Minimally Invasive Spine Unit**, Neurosurgery Department, Faculty of Medicine, Cairo University, (February 2021 till now).
- **Middle East Spine society** (2011 till now).
- **One-Day Spine Clinic**, Neurosurgery Department, Faculty of Medicine, Cairo University, (2015 till now).
- **Minimally Invasive Spine Unit**, Neurosurgery Department, Naser Institute Hospital, Specialized Medical Centers, Ministry of Health & Population, Cairo, Egypt.
- **The Formal Pan Arab Minimally Invasive Spine Society**, starting bipolarly in Egypt and Kuwait as reference countries (www.pamiss.com)
- **The Formal Department of Neurosurgery**, Faculty of Medicine, Fayoum University, (2007-2008).

BOOKS:

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

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

Book Chapter: Micosurgical Decompression with Coflex interspinous dynamic stabilization for treating lumbar degenerative stenosis, EANS 2014 (15th European Congress of Neurosurgery), Prague.

INTERNATIONAL PUBLICATIONS & CITATIONS:

1. Craniopharyngioma in the Pediatric Age Group: A 10-year Experience: Child's Nerv. Syst. 17: 427, abstracts of the annual meeting of the international society of pediatric neurosurgery, (2001).
2. **Pediatric craniopharyngioma; rationale for multimodality management: The Egyptian experience.**

Citation: Hafez MA, El Mekkawy S, Abdel Badie H, Mohy M, Omar M. Pediatric craniopharyngioma; rationale for multimodality management: The Egyptian experience. *Journal of Pediatric Endocrinology and Metabolism*, 2006 Apr;19 Suppl 1:371-80.

<http://www.ncbi.nlm.nih.gov/pubmed/>

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3. **The Epidural Cocktail for management of Lumbar Disc Bulge - IS PUB**
Citation: M.M. Eldin: The Epidural Cocktail for management of Lumbar Disc Bulge. *The Internet Journal of Minimally Invasive Spinal Technology*. 2010 Supplement III to IJMIST IV, No 5
www.ispub.com
<http://www.ispub.com/journal/the-internet-journal-of-minimally-invasive-spinal-technology/supplement-iii-to-ijmist-iv-no-5/the-epidural-cocktail-for-management-of-lumbar-disc-bulge.html>
4. **Coflex Dynamic Interlaminar-Interspinous Distraction Stabilization Device for Lumbar Degenerative Diseases (Initial Experience) - IS PUB**
Citation: M.M. Eldin: Coflex Dynamic Interlaminar-Interspinous Distraction Stabilization Device for Lumbar Degenerative Diseases (Initial Experience). *The Internet Journal of Minimally Invasive Spinal Technology*. 2010 Supplement III to IJMIST IV, No 5
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5. **The Lumbar Interspinous Distraction, Stabilization (IDS) Decompression devices, (Initial Experience of a Comparative Study) - IS PUB**
Citation: M.M. Eldin: The Lumbar Interspinous Distraction, Stabilization (IDS) Decompression devices, (Initial Experience of a Comparative Study). *The Internet*

Journal of Minimally Invasive Spinal Technology. 2010 Supplement III to IJMIST IV, No 5

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<http://www.ispub.com/journal/the-internet-journal-of-minimally-invasive-spinal-technology/supplement-iii-to-ijmist-iv-no-5/the-lumbar-interspinous-distraction-stabilization-ids-decompression-devices-initial-experience-of-a-comparative-study.html>

6. Catheter Virtual Lumbar Discectomy (The Epidural Cocktail for Lumbar Disc Prolapse): A New Minimally Invasive Alternative, On an Outpatient Bases- ISPUB

Citation: M.M.M. Eldin : Catheter Virtual Lumbar Discectomy (The Epidural Cocktail For Lumbar Disc Prolapse) A New Minimally Invasive Alternative, On An Outpatient Bases. *The Internet Journal of Minimally Invasive Spinal Technology*. 2012 Volume 5 Number 1. DOI: 10.5580/2be7

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7. Coflex- Augmented Lumbar Microdecompression / Microlaminectomy, (Comparative Pilot Study) - ISPUB

Citation: M.M.M. Eldin: Coflex-Augmented Lumbar Microdecompression /Microlaminectomy (Comparative Pilot Study). *The Internet Journal of Minimally Invasive Spinal Technology*. 2012 Volume 5 Number 1. DOI: 10.5580/2c25

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8. Catheter Virtual Lumbar Discectomy (Early and 5 Year Follow-up Results) A New Minimally Invasive Alternative, on an Outpatient Bases

Citation: M. Mohi Eldin: Catheter Virtual Lumbar Discectomy (Early and 5 Year Follow-up Results) A New Minimally Invasive Alternative, on an Outpatient Bases. *The Open Spine Journal*. 2012 Volume 4: 16-27.

www.benthamscience.com

<http://www.benthamscience.com/open/tospinej/articles/V004/16TOSPINEJ.pdf>

9. Minimal Access Direct Spondylolysis Repair Using a pedicle screw-rod system (Case series)

Citation: M. Mohi Eldin: Minimal Access Direct Spondylolysis Repair Using a pedicle screw-rod system (A Case series). *Journal of Medical Case Reports* 2012, 6:396 (23 November 2012)

<http://www.jmedicalcasereports.com/content/6/1/396>

10. Coflex Dynamic Distraction Stabilization Device for Lumbar Degenerative Disease

Citation: Mohi eldin M (2014) Coflex Dynamic Distraction Stabilization Device for Lumbar Degenerative Diseases . Cureus 6(1): e152. doi:10.7759/cureus.152 (23 November 2012)

http://www.cureus.com/articles/2393-coflex-dynamic-distraction-stabilization-device---for-lumbar-degenerative-diseases?x=a&utm_expid=79969031-4.l0uxZMOPQzyAtQDfwrvtVg.1&utm_referrer=http%3A%2F%2Fwww.cureus.com%2Farticles#.UsXGpSG2JYw

11. **Dynamic cervical implant (DCI) in single level cervical disc disease**

Citation: Mohamed M. Mohi Eldin: Dynamic Cervical Implant (DCI) In Single Level Cervical Disc Disease. The Open Spine Journal. 2014 Volume 6: 1-8.

www.benthamscience.com

<http://www.benthamscience.com/open/tospinej/articles/V006/1TOSPINEJ.pdf>

12. **Cervical Pedicle Screw Fixation: Anatomic Feasibility of Pedicle Morphology and Radiologic Evaluation of the Anatomical Measurements**

Citation: Mohi Eldin MM.: Cervical Pedicle Screw Fixation: Anatomic Feasibility of Pedicle Morphology and Radiologic Evaluation of the Anatomical Measurements. Asian Spine J 2014;8(3):273-280.

<https://synapse.koreamed.org/DOIx.php?id=10.4184/asj.2014.8.3.273>

13. **Lumbar Transpedicular Implant Failure: A Clinical and Surgical Challenge and Its Radiological Assessment**

Citation: Mohi Eldin MM., Arafa AM: Lumbar Transpedicular Implant Failure: A Clinical and Surgical Challenge and Its Radiological Assessment. Asian Spine J 2014;8(3):281-297.

<https://synapse.koreamed.org/DOIx.php?id=10.4184/asj.2014.8.3.281>

14. **Epidural Fibrosis after Lumbar Disc Surgery: Prevention and Outcome Evaluation**

Citation: Mohi Eldin MM., Abdel Razek NM: Epidural Fibrosis after Lumbar Disc Surgery: Prevention and Outcome Evaluation. Asian Spine J 2015;9(3):370-385.

<https://synapse.koreamed.org/DOIx.php?id=10.4184/asj.2015.9.3.370>

15. **Percutaneous Transpedicular Fixation: Technical tips and Pitfalls of Sextant and Pathfinder Systems**

Citation: Mohi Eldin MM., Hassan AS: Percutaneous Transpedicular Fixation: Technical tips and Pitfalls of Sextant and Pathfinder Systems. Asian Spine J 2016;10(1):111-122.

<https://synapse.koreamed.org/DOIx.php?id=10.4184/asj.2016.10.1.111>

16. **Safety and Efficacy of Mini Open Transforaminal Lumbar Interbody Fusion**

Citation: Mohi Eldin MM., Eissa EM, Elmorsy HM: Safety and Efficacy of Mini Open Transforaminal Lumbar Interbody Fusion. Korean J Spine 13(4):190-195, 2016.

<http://e-kjs.org/journal/view.php?doi=10.14245/kjs.2016.13.4.190>

17. **Odontoidectomy through posterior midline approach followed by same sitting occipitocervical fixation, a cadaveric study,**

Citation: Eissa EM, Eldin MM.: Odontoidectomy through posterior midline approach followed by same sitting occipitocervical fixation: A cadaveric study. J Craniovert Jun Spine [serial online], 2017 Feb 9; 8:58-63.

<http://www.jcvjs.com/printarticle.asp?issn=0974%C2%AD8237%CD%BEyear=2017%CD%BEvolume=8%CD%BEissue=1%CD%BEspage=58%CD%BEepage=63%CD%BEaulast=Eissa>

18. Free hand technique of cervical lateral mass screw fixation ,

Citation: Eldin MM, Hassan AS. Free hand technique of cervical lateral mass screw fixation. J Craniovert Jun Spine [serial online] 2017 [cited 2020 Aug 29];8:113-8.

Available from: <http://www.jcvjs.com/text.asp?2017/8/2/113/208058>

19. CT Assessment of accuracy of lumbar pedicle screw insertion (An applied comparative evaluation of conventional and percutaneous techniques)

Citation: Eldin MM, Hassan AS, Hegazy A, Ghoniem MA, Alfiky MM.: CT Assessment of accuracy of lumbar pedicle screw insertion (An applied comparative evaluation of conventional and percutaneous techniques). Journal of Orthopaedics Trauma Surgery and Related Research, 2017 (12); 2:1-7.

<https://www.jotsrr.org/articles/ct-assessment-of-accuracy-of-lumbar-pedicle-screw-insertion-an-applied-comparative-evaluation-of-conventionaland-percutaneous-tech-3132.html>

20. Dysfunctional sacroiliac joint pain following lumbar discectomy/laminectomy

Citation: Hassan AS, Eldin MM, Hegazy A, Ghoniem MA.: 20. Dysfunctional sacroiliac joint pain following lumbar discectomy/laminectomy, Journal of Orthopaedics Trauma Surgery and Related Research, 2017 (12); 2:40-44.

<https://www.jotsrr.org/articles/dysfunctional-sacroiliac-joint-pain-following-lumbar-discectomy laminectomy.html>

21. Percutaneous injection of autologous platelet-rich fibrin versus platelet-rich plasma in sacroiliac joint dysfunction: An applied comparative study

Citation: Eldin MM, Sorour OO, Hassan AS, Baraka M.: Percutaneous injection of autologous platelet-rich fibrin versus platelet-rich plasma in sacroiliac joint dysfunction: An applied comparative study. Journal of Back and Musculoskeletal Rehabilitation 32 (2019) 511–518.

<https://content.iospress.com/articles/journal-of-back-and-musculoskeletal-rehabilitation/bmr181366>

22. Intradiscal injection of autologous platelet-rich fibrin versus platelet-rich plasma in discogenic lumbar pain: An applied comparative study

Citation: Eldin MM, Hassan AS, Baraka MA, Khorshied M.: Intradiscal injection of autologous platelet-rich fibrin versus platelet-rich plasma in discogenic lumbar pain: An applied comparative study, Journal of Orthopaedics Trauma Surgery and Related Research, 2020 (15); 1:18-24.

<https://www.jotsrr.org/articles/intradiscal-injection-of-autologous-plateletrich-fibrin-versus-plateletrich-plasma-in-discogenic-lumbar-pain-an-applied-comparativ-5577.html>

23. COMPARATIVE STUDY BETWEEN COFLEX AND X-STOP INTERSPINOUS SPACERS FOR TREATMENT OF MILD TO MODERATE LUMBAR CANAL STENOSIS

Citation: Eldin MM, Hassan AS, Alfiky MSA.: COMPARATIVE STUDY BETWEEN COFLEX AND X-STOP INTERSPINOUS SPACERS FOR TREATMENT OF MILD TO MODERATE LUMBAR CANAL STENOSIS). Journal of Critical Reviews, 2020 (12); 7: 1529- 1534.

<http://www.jcreview.com/?mno=99687>

24. MINIMALLY INVASIVE POSTERIOR CERVICAL FORAMINOTOMY: MICROSCOPIC TUBULAR ASSISTED (WITH TECHNICAL TIPS)

Citation: Eldin MM, Hassan AS, Nazim WM, Shaban M, Maged Ahmed Hamed Elgebaly MAH and Baraka MA: Minimally invasive posterior cervical foraminotomy, microscopic tubular assisted, JOURNAL OF CRITICAL REVIEWS, 2020 (7); 7: 3988-3994.

<http://www.jcreview.com/?mno=29730>

25. History of Spinal Neurosurgery and Spine Societies

Citation: Mehmet Zileli, Salman Sharif, Maurizio Fornari, Premenand Ramani, Fengzeng Jian, Richard Fessler, Se-Hoon Kim, Toshihiro Takami, Nobuyuki Shimokawa, Gilbert Dechambenoit, Mahmood Qureshi, Nikolay Konovalov, Marcos Masini, Enrique Osorio-Fonseca, José António Soriano Sanchez, Abdul Hafid Bajamal, Jutty Parthiban, Ibet Marie Sih, Óscar Luis Alves, Joachim Oertel, Lukas Rasulic, Francesco Costa, Wilco C. Peul, Krishna Sharma, Mohamed Mohi Eldin, Nasiru Jinjiri Ismail, Ignatius Ngene Esene, Mohammad Hossain, Svetoslav Kalevski, Oliver N. Hausmann, Onur Yaman, Shahswar Arif, Zarina Brady: History of Spinal Neurosurgery and Spine Societies, Neurospine 2020;17(4):675-694.

<https://doi.org/10.14245/ns.2040622.311>

26. Platelet Concentrate In Lumbar Interbody Cage Fusion: A New Era of Modality Of Fusion

Citation: Mohi Eldin M, Hassan AS, Tareef TA, Baraka M, Gabr M, Omar AH: Platelet Concentrate In Lumbar Interbody Cage Fusion: A New Era of Modality Of Fusion: Open Access Maced J Med Sci. 2021 Jun 04; 9B:356-362.

<https://doi.org/10.3889/oamjms.2021.6130>

27. The Complication Rate of Mini Open Transforaminal Lumbar Interbody Fusion: Single Institution Experience; A Retrospective Case Study

Citation: HAITHAM M.A. EL-MORSY, M.D.; MOHAMED M. MOHI ELDIN, M.D. and EHAB M. EISSA, M.D.: 27. The Complication Rate of Mini Open Transforaminal Lumbar Interbody Fusion: Single Institution Experience; A Retrospective Case Study: Med. J. Cairo Univ., Vol. 90, No. 6, September: 1813-1817, 2022.

<https://www.medicaljournalofcairouniversity.net/index.php/2014-10-22-23-17-32/vol-89-march-2023/5511-the-complication-rate-of-mini-open-transforaminal-lumbar-interbody-fusion-single-institution-experience-a-retrospective-case-study>

28. Unilateral versus Bilateral Pedicle Screw Instrumented Transforaminal Interbody Fusion in a Single Level Lumbar Spondylolisthesis

Citation: Mohi Eldin M, Hassan AS, Thabet MA, Refaat MI, Elkady AY, Baraka M: Unilateral versus Bilateral Pedicle Screw Instrumented Transforaminal Interbody Fusion in a Single Level Lumbar Spondylolisthesis: Open Access Maced J Med Sci. 2022 Apr 10; 10(B):861-867.

REFERENCES:

Letters of Reference File is available upon request from:

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Faculty of Medicine,
Cairo University
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