PROFESSOR MAHMOUD KAMEL, MD, PhD

Consultant Neurosurgeon & Spinal Surgeon

Experienced Consultant Neurosurgeon and Spinal Surgeon with an extensive clinical, academic, and research background spanning Ireland, the United Kingdom, and the United States. Specializes in complex spinal surgery, minimally invasive spinal techniques, degenerative spinal disorders, brain tumour surgery, and skull base neurosurgery, with advanced expertise in spinal navigation and intraoperative monitoring.CURRENT PROFESSIONAL APPOINTMENTS

- **Professor and Consultant Neurosurgeon** – Cork University Hospital (CUH), Cork, Ireland
- **Consultant Neurosurgeon and Spinal Surgeon** – Mater Private Network, Cork, Ireland

EDUCATION & ACADEMIC QUALIFICATIONS

- **Doctorate in Neurosurgery** – 2002
- **Master's Degree in Surgery** – Completed during postgraduate neurosurgical training
- **MBBS with Honours** – 1994

POSTGRADUATE TRAINING & FELLOWSHIPS

- **International Fellowship:** Skull Base Surgery under Professor Ossama Al-Mefty, United States (2008)
- **Neurosurgical Specialist Training:**
    - National Department of Neurology and Neurosurgery, Dublin, Ireland
    - Cork University Hospital, Cork, Ireland
    - Neurosurgical training in Belfast, United Kingdom

PROFESSIONAL EXPERIENCE

- **Consultant Neurosurgeon & Clinical Lead** – Aberdeen Royal Infirmary, NHS Scotland (July 2008 – Present)
    - Appointed as NHS Consultant Neurosurgeon and Honorary Senior Clinical Lecturer at the University of Aberdeen.
    - Served as Clinical Lead of the Department of Neurosurgery, building extensive expertise in brain tumour, skull base, and spinal surgery.

- **Consultant Neurosurgeon and Spinal Surgeon** – Cork University Hospital, Ireland
    - Managed general neurosurgical and complex cranial and spinal conditions.
    - Developed and delivered minimally invasive spinal surgery techniques.
- **Consultant Spinal Surgeon** – Mater Private Network, Cork, Ireland
    - Provided specialist spinal consultations and surgical management for degenerative cervical and lumbar spine disorders, complex reconstruction, and minimally invasive procedures.

CLINICAL EXPERTISE

- **Spinal Surgery:** Cervical and lumbar microdiscectomy, ACDF, decompression, posterior lumbar fusion, spinal deformity correction, dynamic stabilisation, minimally invasive techniques, navigation and instrumentation, kyphoplasty, and management of spondylolisthesis and spinal stenosis.
- **Cranial Surgery:** Skull base surgery, brain tumour and meningioma resection, endoscopic skull base approaches, and management of complex intracranial pathology.

SELECTED SCIENTIFIC PUBLICATIONS

1. Kamel MH et al. Compression of the rostral ventrolateral medulla by a vagal schwannoma of the cerebellomedullary cistern presenting with refractory neurogenic hypertension: case report. *Neurosurgery*. 2006.
2. Kamel M et al. Mesenteric ischaemia after endovascular coiling of ruptured cerebral aneurysms. *Acta Neurochirurgica*. 2008;150:367–370.
3. Fam MD et al. Patient-reported outcome following nonsurgical management of type II odontoid process fractures in adults. *Cureus*. 2017;9(1):e964.
4. Dablouk M, Kamel M. Adult Patient with Intraventricular, Paraventricular and Pineal Region Lesions. *Elements in Emergency Neurosurgery*. Cambridge University Press, 2024.

PROFESSIONAL MEMBERSHIPS

- Society of British Neurological Surgeons (SBNS)
- European Association of Neurosurgical Societies (EANS)