

# Dr Khaled Abdel-Aziz PhD FRCP

## Consultant Neurologist

### EXPERT WITNESS CURRICULUM VITAE

#### AREAS OF PRACTICE/EXPERTISE

I am a consultant neurologist (GMC 6104236, CCT Feb 2015) with experience in diagnosis and management of most general neurological disorders (eg. headache, seizures, epilepsy, concussion, tremor, Parkinson's disease, neuroinflammatory disorders including multiple sclerosis and neuropathy). I have sub-speciality expertise in headache disorders and multiple sclerosis; I run a specialist headache clinic at St Peters Hospital (offering advanced therapies such as nerve blocks, Botox, neuromodulation and CGRP therapies) and specialist multiple sclerosis/neuroinflammatory clinics at St Georges and St Peters Hospitals (offering the entire scope of disease modifying therapies). I sit on the Pan-London Stem cell transplant MDT panel. I have a track record of scientific research and clinical trials work in the fields of multiple sclerosis and headache.

#### CURRENT APPOINTMENTS

1. Consultant Neurologist, Ashford and St Peter's Hospitals, Chertsey.
2. Consultant Neurologist, St George's Hospital, London.
3. Consultant Neurologist and Medical Director, Ascot Rehab, Bagshot.
4. Consultant Neurologist, Nuffield Hospitals (Woking and Guildford).

#### EDUCATION AND QUALIFICATIONS

Cardiff University / Bond Solon Civil Expert Witness Certificate	2021
FRCP	2018
CCT in Neurology	2015
PhD: Neurological Science, University College London	2015
Specialty Certificate Examinations (Neurology)	2010
MRCP (UK)	2007
MB ChB: Bachelor of Medicine and Surgery, University of Leeds	2004
BSc (Hons): Neuroscience, University of Leeds	2002

#### PROFESSIONAL MEMBERSHIPS

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| 1. Royal College of Physicians, London. | 4. British Association for the Study of Headache |
| 2. Association of British Neurologists. | 5. International Headache Society                |
| 3. British Medical Association          |  |

#### MEDICOLEGAL WORK / LOCATIONS

I currently prepare around 80 (65 personal injury and 15 clinical negligence) medicolegal reports per year. Over the last 3 years, approximately 70% of my clinical negligence and 90% of my personal injury reports were on behalf of claimants. I have given oral evidence in court once in the last 5 years. I have obtained the Cardiff University Bond Solon Civil Expert Certificate. I am indemnified with the MPS.

I have consulting rooms for medicolegal appointments in Central London, Woking and Guildford and can travel to assess clients if necessary, subject to pre-agreement.

## RECENT SELECTED PUBLICATIONS

Cope TE, Sohoglu E, Peterson KA, Jones PS, Rua C, Passamonti L, Sedley W, Post B, Coebergh J, Butler CR, Garrard P, **Abdel-Aziz K** et al. Temporal lobe perceptual predictions for speech are instantiated in motor cortex and reconciled by inferior frontal cortex. *Cell Rep.* 2023 Apr 24;42(5):112422. Online ahead of print.

Orf K, Abbas A, **Abdel-Aziz K** and Burns SO. Transverse myelitis in a patient with activated phosphoinositide 3-kinase  $\delta$  syndrome type 1. *Clinical immunology.* 2020 Oct; 219: 108552.

Cortese R, Magnollay L, Tur C, **Abdel-Aziz K** et al. The value of the Central Vein Sign at 3T to differentiate MS from seropositive-NMOSD. *Neurology.* 2018 Apr 3;90(14): e1183-e1190

Berenson D, Nuttall L, Hakim E, **Abdel-Aziz K**. Lesson of the month 2: A rare presentation of stroke: diagnosis made on magnetic resonance imaging. *Clin Med (Lond).* 2018 Mar;18(2):183-185

Cawley N, Tur C, Prados F, Plantone D, Kearney H, **Abdel-Aziz K** et al. Spinal cord atrophy as a primary outcome measure in phase II trials of progressive multiple sclerosis. *Mult Scler.* 2018 Jun;24(7):932-941

**Abdel-Aziz K et al.** Evidence for early neurodegeneration in the cervical cord of patients with primary progressive multiple sclerosis. *Brain* (2015) 138 (Pt 6):1568-82.

Fergus P, Hignett D, Hussain A, Al-Jumeily D, **Abdel-Aziz K**. Automatic epileptic seizure detection using scalp EEG and advanced artificial intelligence techniques. *Biomed Res Int.* (2015): 986736.

**Abdel-Aziz K**, Lerner AJ. Six-item cognitive impairment test (6CIT): pragmatic diagnostic accuracy study for dementia and MCI. *Int Psychogeriatr.* (2015) 27(6):991-7.

Aljaaf A, Al-Jumeily D, Hussain A.J, Fergus P, Al-Jumaily M and **Abdel-Aziz K**. Toward an optimal use of artificial intelligence techniques within a clinical decision support system. *SAI.* 2015: 548-554

**Abdel-Aziz K et al.** Age-related changes in metabolite concentrations in the normal spinal cord. *PLoS One* (2014) 13; 9 (10):e105774

Rocca M.A, Valsasina P, Hulst H, **Abdel-Aziz K et al.** Functional correlates of impaired working memory in multiple sclerosis patients: a multicentre fMRI study. *Human Brain Mapping* (2014); 35 (12), 5799-5814

Aljaaf A, Al-Jumeily D, Hussain A.J, Lamb D, Al-Jumaily M and **Abdel-Aziz K**. A study of data classification and selection techniques for medical decision support systems. *Intelligent Computing Methodologies* (2014); 8589: 135 -143.

**Abdel-Aziz K** and Ciccarelli O. Rationale for Quantitative MRI of the Human Spinal Cord and Clinical Applications. In: Cohen-Adad J, Wheeler-Kingshott CAM, eds. *Quantitative MRI of the Spinal Cord.* 2014:3–21.

Kearney H, Yiannakas MC, **Abdel-Aziz K** et al. Improved MRI quantification of spinal cord atrophy in multiple sclerosis. *J Magn Reson Imaging.* 2014; 39 (3): 617-23

## RECENT PUBLISHED ABSTRACTS (ongoing active research projects)

J Cahill, **K Abdel-Aziz**, D Langdon. Investigating the relation of cognition to cerebellar function in relapsing-remitting multiple sclerosis using the Motor Planning Index: a longitudinal study. *Multiple Sclerosis Journal.* 2018. 24: 362-363

Hinchliffe JC, **Abdel-Aziz K**, Parmar K, Langdon DW. Cognition and the cerebellum in multiple sclerosis (MS). *Multiple Sclerosis Journal.* 2017. 23 (3): 680-975