

# Curriculum Vitae - Dr. Zarine Mogal

## ACADEMIC QUALIFICATIONS

- M.D Neurology, University of Karachi
- Diploma in Clinical Neurology, University of Karachi
- M.B.B.S. - Dow Medical College, Karachi

Other:

- Fellowship in Clinical Epileptology, Westmead Hospital, Sydney, NSW, Australia

## CURRENT POST

- Consultant Neurologist (BPS-19)) Department of Health, Govt. of Sindh, Pakistan (In service since 28 years)
- Volunteer Neurologist at NGO-run National Epilepsy Centre, JPMC, Karachi

## AFFILIATION & POSTS HELD WITH PROFESSIONAL ORGANIZATIONS

- President, Epilepsy Association of Pakistan, ILAE's Pakistan Chapter (2nd term)
- Secretary, Epilepsy Support Pakistan, IBE's full chapter.
- Member of Asian Epilepsy Academy (ASEPA), teaching arm of ILAE-Asia and Oceania (2nd term).
- Member. Pakistan Society of Neurology.
- Founder member & Co-head of NGO that formulated and executes Comprehensive Epilepsy Control Program of Pakistan that includes
  - National Epilepsy Centre, JPMC, Karachi to provide near-free holistic epilepsy management especially to the poor.
  - Epilepsy Support Pakistan for all-Pakistan public awareness campaigns & training PCPs to reduce treatment gap and stigma. It is the full voting Chapter of IBE. (For details <https://doi.org/10.1016/j.yebeh.2019.106637>)
  - Active member of the think-tank group with planning and execution of the Comprehensive Epilepsy Control Programme of Pakistan (CECP) projects and personally involved in all activities including field work.
- Ex-Secretary, Epilepsy Association of Pakistan.
- Ex- member, Research Task force, ILAE-Asia and Oceania.

## AWARDS

- Recipient of ILAE–Asia Oceania's Outstanding Epilepsy Achievement Award (2018)
- Recipient of the Epilepsy Society of Australia scholarship for Asian-Oceanian Fellowship in Clinical Epileptology (2004)

## RESEARCH PAPERS & OTHER PUBLICATIONS

### M.D –Neurology Thesis

Burden of Epilepsy in Pakistan; a developing country (with quality of life and treatment status/gap). Supervisor: Prof. Hasan Aziz. Thesis assessed by: Prof. Simon Shorvon, UCL Institute of Neurology, Queens Square London & Prof. Pierre-Marie Preux, Institut de Neurologie Tropicale, Limoges Cedex, France

## PUBLISHED PAPERS

- Epilepsy treatment gap and stigma reduction in Pakistan: A tested public awareness model. In: Epilepsy & Behavior. Volume 102, January 2020, 106637. <https://doi.org/10.1016/j.yebeh.2019.106637>
- Knowledge Attitude Practice of epilepsy among school teacher in Pakistan. Pak J of Neurological Sci. 2016 Jul-Sep:11 (3):20-5.
- Survey of Knowledge, attitude and practice of epilepsy among 535 school teachers in five cities of Pakistan. Neurology Asia 2007: 12 (s1): 99-100.

## INTERNATIONAL STUDY GROUP PUBLISHED PAPERS

- Treatment gap for convulsive status epilepticus in resource-poor countries. Epilepsia 2018. <https://doi.org/10.1111/epi.14484>

- Do neurologists around the world agree when diagnosing epilepsy? –Results of an international EpiNet study. *Epilepsy Res.* Vol 139 (2018): 43-50
- Epilepsy management and clinical research could be improved in low and middle income countries (LMICs) by epinet database. *J. Neurol. Sci.* 357 (2015) e24–e26
- An international pilot study of an Internet-based platform to facilitate clinical research in epilepsy: The EpiNet project. *Epilepsia.* 2012 Oct;53(10):1829-35.

### **CONFERENCE PAPERS**

- Predictable temporal sequencing of three distinct seizure semiologies in a patient with partial epilepsy- a case report. 10th Asian & Oceanian Epilepsy Congress, Singapore, 2014.
- Treatment gap reduction in Pakistan: success of public awareness campaign. 30th International Epilepsy Congress. Montreal, 2013.
- Drug compliance in patients at a designated tertiary epilepsy-care facility. 30th International Epilepsy Congress. Montreal, 2013.
- Epilepsy Care in Pakistan - Evidence-based Capacity Building. 13th International Neurology Update & 6th Biennial Stroke Conference, Islamabad, 2013.
- Treatment gap of epilepsy in Pakistan: a population-based study. 10th European Congress on Epileptology, London, 2012.
- Low occurrence of skin rash with antiepileptic drugs in Pakistan: Do ethnic / racial variations exist? 9th Asian & Oceanian Epilepsy Congress, Manila, 2012.
- How do neurologists use EEGs when withdrawing AEDs in seizure free patients? Results of an international internet-based questionnaire. 64th Annual Meeting of American Epilepsy Society, San Antonio, Texas USA, 2010.
- Treatment Status of People with Epilepsy in Pakistan. 28th International Epilepsy Congress, Budapest, 2009.
- Symptomatic epilepsy of uncertain cause: a diagnostic challenge. 16th Annual Conference of Pakistan Society of Neurology, Karachi, 2009.
- Epilepsy Awareness Posters: a successful medium of public education in Pakistan. 7th Asian & Oceanian Epilepsy Congress, Xiamen, China, 2008.
- Perception of Epilepsy amongst Professionals in Pakistan. 7th Asian & Oceanian Epilepsy Congress, Xiamen, China, 2008.
- Eyelid Myoclonia; a rare phenomenon, a rarer syndrome. 20th Annual Scientific Meeting of Epilepsy Society of Australia, Cairns, Australia, 2005.
- Quality of Life in Females with Epilepsy in a developing country. 5th Asian & Oceanian Epilepsy Congress, Bangkok, August 2004.
- Quality of Life Assessment in People with Epilepsy in a Developing Country. 25th International Epilepsy Congress, Lisbon, 2003.
- A Model of A Public Awareness Campaign on Epilepsy in a Developing Country. 25th International Epilepsy Congress, Lisbon, 2003.
- Clinical Presentation of Epilepsy: Experience at a Satellite Epilepsy Centre in an urban/suburban population. 2nd Annual Conference of Epilepsy Association of Pakistan, Karachi, 2003.
- Syndromic Classification of Epilepsy in SAARC Countries: Results from Pakistan. 8th Annual Conference of Pakistan Academy of Neurological Sciences, Islamabad, 2001.
- Quality of Life in Epilepsy: Problems of assessment in a developing country. 3rd Asian Oceanian Epilepsy Congresses, New Delhi, 2000.

### **MEDICAL MONOGRAPHS & BOOKS**

- Co-author for Knowledge, Attitude and Practice of Epilepsy in developing countries. In: Murthy, JMK and Senanayake, N eds. 'Epilepsy in the Tropics' 2006 Landes Bioscience, Georgetown, Texas, USA.
- Co-author of 'Epilepsy and its Management' - 2018.

### **NON-MEDICAL PUBLICATION**

- Kalaam-i-Aarifaan – Poetries of Mystics & Sufis. Compiled edited by Dr. Hasan Aziz. English transliteration & translation by Dr. Zarine Mogal