Title: The association of temporal lobe epilepsy with mental health or psychiatric disorder

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Temporal Lobe Epilepsy (TLE) is defined as a condition characterised by recurrent, unprovoked seizures, originating from medial and lateral temporal lobe. This common type of epilepsy is sometimes difficult to diagnose, but once diagnose it can be effectively treated with medication. Patients exhibit a varying severity of affective, behavioural, psychotic, or personality, psychotic, or personality abnormalities, which in turn, may not only lead to misdiagnosis, but also affect the management of TLE. EEG remains the primary diagnostic test of brain function such as seizures or epilepsy, head injuries, dizziness, headaches, brain tumours, sleeping disorders, stroke, dementia. Activation procedures maybe carried out. This includes hyperventilation (rapid, deep breathing) and photic stimulation (rhythmic flashes of a bright light). These additional procedures may evoke abnormalities that did not occur during the artefact free EEG recording.Very serious consequences can occur if misdiagnosis is made, as it can often lead to the incorrect medication being described, which in some cases worsen the seizures or may exacerbate other symptoms such as depression and or panic. Epilepsy and psychiatric disorder are not mutually exclusive diagnosis and could easily co-exist. Overlooking either diagnosis in a patient afflicted with both could possibly lead to treatment failures.

Biography

Jamila K Adam is the Chairperson of the Institutional Research Ethics Committee at the Durban University of Technology, Durban, KwaZulu Natal, South Africa. She has published more than 30 papers in reputed journals and has been serving as an editorial board member of 2 International journals and as a reviewer for 8 National and International journals. She has been invited to present at numerous National and International congresses either as a guest speaker or to present at plenary sessions. She was a also a recipient of National and International awards for her contribution to medical research.

Sharda Maharajh, qualified with a Baccalaureus Technologiae Clinical Technology from Durban University of Technology from Durban University of Technology and Witwatersrand. She headed the Brain Resource Laboratory at Sunninghill Hospital which was affiliated to Autralian Brain Resources Centre, perfoming QEEG, congnitive testing. She is currently in private practice with variour hospitals in Gauteng. She was awarded with South African Society of Clinical Technologist 5th, Biennial Congress for Best Scientific Presentation Neurology.

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