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Long-term epilepsy associated tumors (LEATs): Factors affecting the seizure outcome

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Tumors characteristically presenting with drug-resistant seizures are termed as LEATs. LEATs are more common in the temporal lobe, occur predominantly in paediatric age and focal neurological deficits are rare. There are few reported studies focusing exclusively on LEATs. In our article, we aim to highlight our surgical experience in terms of seizure outcome among LEATs and discuss the factors affecting outcome. Methodology: We have retrospectively analysed all the operated cases of intra-axial brain tumors with seizures (2015 to 2019). The clinical and radiographic data was collected from the hospital record system. For comparison, two groups were made [Group 1 with good seizure control i.e. Engel 1; and Group 2 poor seizure outcome i.e. Engel 2 and 3].

Biography

Anant Mehrotra has completed his graduation from King George's Medical College, Lucknow, India in 2002 and post-graduation from Post Graduate Institute of Medical education and research (PGIMER), Chandigarh, India. He completed his MCh (neurosurgery) from Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow, India in the year 2011. He then did post-doctoral fellowship in Pediatric Neurosurgery and Neurosurgical oncology from SGPGIMS. He is an additional professor in the department of neurosurgery, SGPGIMS, India. He has around 158 publications (including 21 book chapters) in reputed journals. He has also won various research associated awards like best paper awards with the latest being the "Best research paper award" in additional professor category in 2020.

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