

JOINT EVENT

4<sup>th</sup> International Conference on **Epilepsy & Treatment**  
&  
4<sup>th</sup> World Congress on **Parkinsons & Huntington Disease**  
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**Management of status epilepticus in neurosurgical patients****Sunil Kumar Singh**

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**Introduction:** The post-operative course of patients is sometimes complicated by seizures, which in rare cases may progress to status epilepticus. Since these patients are in a precarious condition, the development of such a complication is often disastrous if not managed expeditiously.

**Material & Methods:** A retrospective study of all patients undergoing cranial surgery over the last five years in the Department of Neurosurgery, KGMU was done. The incidence of status epilepticus and the related causes and management was studied.

**Results:** 3560 patients were operated during the period. Post-operative (Seven days) seizures occurred in 364 patients. Status occurred in 58 patients. 36 of these patients had a fatal outcome while the other 22 patients responded to treatment.

**Conclusions:** Seven-day post-operative seizure incidence in neurosurgical patients is an uncommon event. The development of status epilepticus in this group is even rarer but none the less is a dangerous complication associated with a poor outcome.

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