



## MULTIPLE REFRACTORY SEIZURE IN PATIENT ENCEPHALITIS: CASE REPORT

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### ABSTRACT:

#### **BACKGROUND and Aims:**

Herpes simplex encephalitis (HSE) is a rare neurological disorder characterized by inflammation of the brain. Common symptoms include headaches, fevers, drowsiness, hyperactivity, and seizure. Treatment of seizures is similar to that in patients with other focal epilepsies. However, epilepsy following HSV encephalitis is typically refractory to AEDs, often requiring combination treatment. This case report aims to report case multiple refractory seizure in patient encephalitis at dr. Sardjito Hospital Yogyakarta.

#### **CASE:**

A women 29 year-old patient was admitted to the Emergency Room Sardjito Hospital in February 2019 with complaints focal to bilateral tonicclonic seizure and epileptic status. The complaints begin with acute progressive headache, fever, visual hallucinations, and weakness of the left limbs. On examination, Glasgow Coma Scale (GCS) was E<sub>2</sub>V<sub>1</sub>M<sub>2</sub> (on midazolam) and there were no signs of meningeal irritation. In the extremity, there is left lateralization. Laboratory tests and cerebrospinal fluid examinations were consistent with Herpes Simplex Virus encephalitis. CT scan patient showed oedema cerebri. After aggressive treatment with anti oedema, antiviral and antiepileptic drug, patient regaining full consciousness, seizures are reduced in frequency but still appear in focal aware seizures.

#### **CONCLUSION:**

Herpes Simplex encephalitis can presented with refractory seizures with status epilepticus and need aggressive treatment.

### Biography

My name is atityafithrihairani, 37 years old from Indonesia. I completed as neurologist at the age 30 years old. I am interested in the field of epilepsy. I work as staff in sardjito hospital, Yogyakarta and as doctoral student from GadjahMada University Yogyakarta, Indonesia.



### Keywords:

*Status epilepticus, refractory seizure, Herpes Simplex Encephalitis, case report.*

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*Theme: "Fighting STD & Infectious Diseases with Innovative Therapeutic Techniques"*