

Super-refractory status epilepticus of unknown etiology with late onset and fatal outcome. Case report

V. Sapira¹, M. Lungu², A. Trifan³, I.M. Cojocaru⁴, G. Socoliuc⁵, A. Telehuz⁶

¹*Neurology, Emergency Clinical County Hospital Sf. Apostol Andrei, Romania*

²*Neurology, Emergency Clinical County Hospital Sf. Apostol Andrei, Romania*

³*Emergency Department, Emergency Clinical County Hospital Sf. Apostol Andrei, Romania*

⁴*Neurology, Colentina Clinical Hospital, Romania*

⁵*Neurology, Sanador Medical Center, Romania*

⁶*Emergency Department, Emergency County Hospital, Romania*

Paper objective: Super-refractory status epilepticus is defined as status epilepticus that continues or recurs 24 hours or more after the onset of anaesthetic therapy, including those cases where status epilepticus recurs on the reduction or withdrawal of anaesthesia. It is an uncommon but important clinical problem with high mortality and morbidity rates. Method: We are presenting the case of a 48 year old patient, with no previous pathological history, no chronic treatment at home, that came to the Emergency Unit with altered state, GCS 8 points coma, and initial tonicoclonic convulsive seizures continuous. The patient was an alcohol abuser, and in an acute intoxicated state at the time of the arrival (0,5g/l concentration). The patient was submitted to the Intensive Care Unit, where, according to the therapeutical protocol, she received treatment, yet she manifested tonicoclonic generalized seizures for over 24 hours. The laboratory tests, meaning recurrent cerebral CT, cerebral MRI with angioRM, lumbar puncture with biochemical CSF analysis, and all other biological examinations had not detected any pathological alterations. The general state unfortunately evolved unfavorably, leading to the patient's death, 15 days after submission. Conclusions: Epilepsy is not a singular disease, but a variety of disorders. An individual treatment pathway should be formulated for people who have super-refractory status epilepticus.