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Refractory and super refractory status epilepticus in a tertiary hospital: A 10-year retrospective study

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Super refractory status Epilepticus is an uncommon, but very important clinical problem that is associated with high morbidity and mortality. Studies concerning Super refractory status epilepticus has been limited. Up to present, there are no existing Philippine data. The study aims to determine the status of Refractory and Super refractory status epilepticus within a 10-year period in a Tertiary Hospital. This is a retrospective study of adult patients with prolonged seizures admitted at a Tertiary Hospital from January 2009- July 2018. Frequency, Mean and standard deviation was used in the Descriptive analysis. Multinomial Logistic Regression was used to assess probability of good or poor outcome. Significant Correlation is defined by P value of <0.05. The Incidence of Refractory Status Epilepticus is as high as 38% (n=64) and 35% (n=58) for Super Refractory Status Epilepticus. Mortality rate is 39.1% in Refractory and 62.1% in Super refractory status epilepticus. Poor functional outcome has been observed in RSE and SRSE when the majority was Alive Dependent. Significant factor increasing likelihood of being Alive Dependent is the absence of Arrest. Factors associated with likelihood of being alive and independent includes Status Epilepticus which is more benign type of prolonged seizure and younger age therefore more aggressive control of seizures in preventing progression to SRSE will give higher likelihood of good functional outcome and elderly patients would need closer and more adept seizure control for better functional outcome.

Biography

Liz Edenberg has completed Bachelor of Science Major in Food Technology at the age of 20 years from University of Santo Tomas and Doctor of Medicine at the age of 24 years from Our Lady of Fatima Univeristy. She is currently a Resident undergoing training of Adult Neurology in The Medical City, Philippines.

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