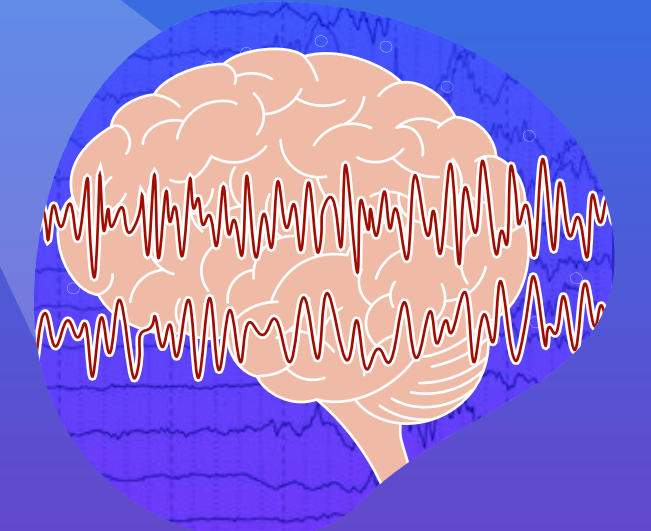


# Late-onset Epilepsy and Mortality: Is There a Relation?



Late-onset epilepsy (LOE) affects a large number of people aged 65 years or older



However, it is not clear how LOE causes and affects mortality in older adults

**Study Question**  
 What is the risk of mortality and causes of death in patients with LOE?

Data from Centers for Medicare Services fee-for-service claims

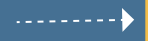
9,090 participants aged 45–64 years



678 participants who developed LOE



Cox proportional hazards analysis



**Identification of**  
 Mortality hazard associated with LOE (adjusted hazard ratio, AHR)  
 Cause of death



Median follow-up 11.5 years



Patients with LOE had increased hazard of mortality (AHR = 2.39, 95% CI: 2.21–2.71)

Mortality in patients with LOE was mostly due to



Stroke



Dementia



Other neurologic conditions



End-stage renal disease

Likely causes of epilepsy



People with late-onset epilepsy are at increased risk of death, mainly due to stroke and dementia