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## Factors associated with refractoriness and outcome in an adult status epilepticus cohort

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### Highlights

- Focal non-convulsive SE was associated with responsiveness
- Younger age was associated with superrefractoriness
- EMSE-EACE was more robustly associated with outcome than STESS
- Use of vasopressors was also associated with outcome
- Processes determining refractoriness and outcome in SE are multifactorial

### Abstract

**Purpose.** Several multinational prospective registers have shown that a significant proportion of status epilepticus (SE) patients are not treated in line with international guidelines. The aim of this study was to assess quality of treatment and to identify factors associated with refractoriness and outcome in a cohort of adult status epilepticus (SE) patients in Norway.

**Methods.** 151 patients treated in Oslo University Hospital from 2001 to 2017 were included. One SE-episode was selected per patient and variables related to the patient, SE-episode,

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