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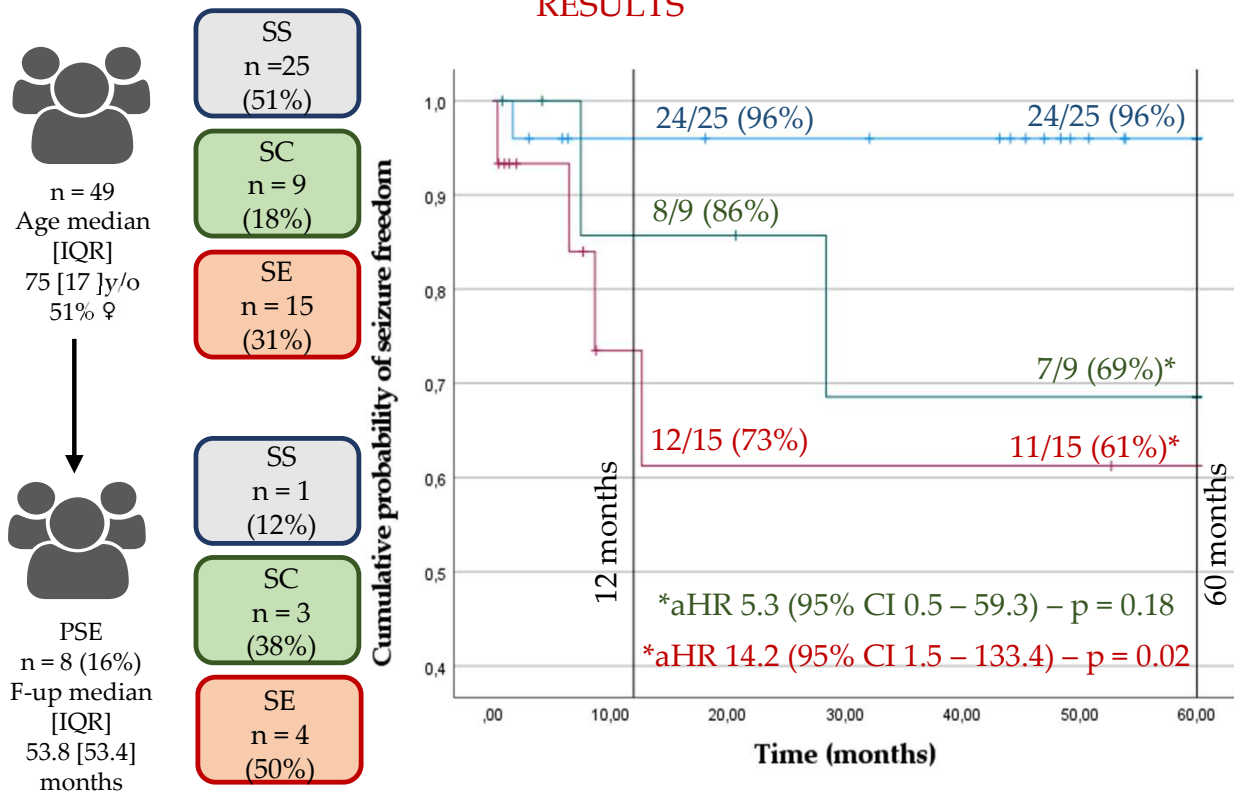
INTRODUCTION

Acute symptomatic seizures (ASyS) are considered among the most relevant **risk factors** for the development of **post-stroke epilepsy (PSE)** [1]. ASyS timing and type significantly affect either epilepsy and mortality risk after stroke [2,3]. Herein, we explored seizures' outcome in a cohort of adult patients with ASyS after a first-ever ischemic stroke.

METHODS

Observational, single-center, retrospective study of adult patients admitted to the Stroke Unit of Modena Academic Hospital (Italy) for a first ever-ischemic stroke from January 1st 2004 to December 31st 2022. ASyS were defined according to ILAE definition [4]. Patients with ASyS were further divided among those with single seizures (SS), seizure cluster (SC) or status epilepticus (SE). Kaplan-Meier survival analyses and Cox proportional hazard regression models were used to estimate seizure freedom as longterm outcome.

RESULTS



CONCLUSION

In our cohort, the risk of PSE appeared to be influenced by the type and “severity” of seizures' phenomena in the acute phase after stroke

1) Galovic et al. *Lancet Neurology* 2018
3) Schubert et al. *Stroke* 2025

2) Sinka et al *Jama Neurology* 2023
4) Beghi et al. *Neurology* 2011