

STATISTICAL RESULTS

Primary outcome:

Variables	IRR (95% CI), p-value
Sex (male)	1.04 (0.89 - 1.21), p=0.64
Age (years)	1.00 (0.98- 1.01), p=0.85
SE type (intermittent)	0.96 (0.82 - 1.12), p=0.61
Location of SE onset (out of hospital)	1.17 (0.99 - 1.40), p=0.06
Prior epilepsy (yes)	1.06 (0.90- 1.26), p=0.46
Prior SE (yes)	1.16 (0.96 - 1.39), p=0.13
Inadequate first BZD dosing (yes)	1.00 (0.85 - 1.17), p=0.99
Time-to-treatment initiation from seizure onset (min)	0.998 (0.997 - 0.999), p=0.01

Secondary outcomes:

Variables	30 min	45 min
	IRR (95% CI), p-value	IRR (95% CI), p-value
Sex (male)	1.11 (0.84 - 1.46), p=0.46	1.05 (0.75 - 1.46), p=0.79
Age (years)	1.00 (0.98 - 1.03), p=0.73	1.01 (0.98 - 1.04), p=0.51
SE type (intermittent)	1.14 (0.86 - 1.53), p=0.35	1.44 (1.01 - 2.06), p=0.04
Location of SE onset (out of hospital)	2.43 (1.73 - 3.46), p<0.0001	3.75 (2.40 - 6.03), p<0.0001
Prior epilepsy (yes)	1.09 (0.82 - 1.45), p=0.56	1.07 (0.75 - 1.51), p=0.71
Prior SE (yes)	0.92 (0.65 - 1.31), p=0.65	0.83 (0.53 - 1.28), p=0.39
SE type * location onset	-	1.01 (0.37 – 3.12), p=0.98