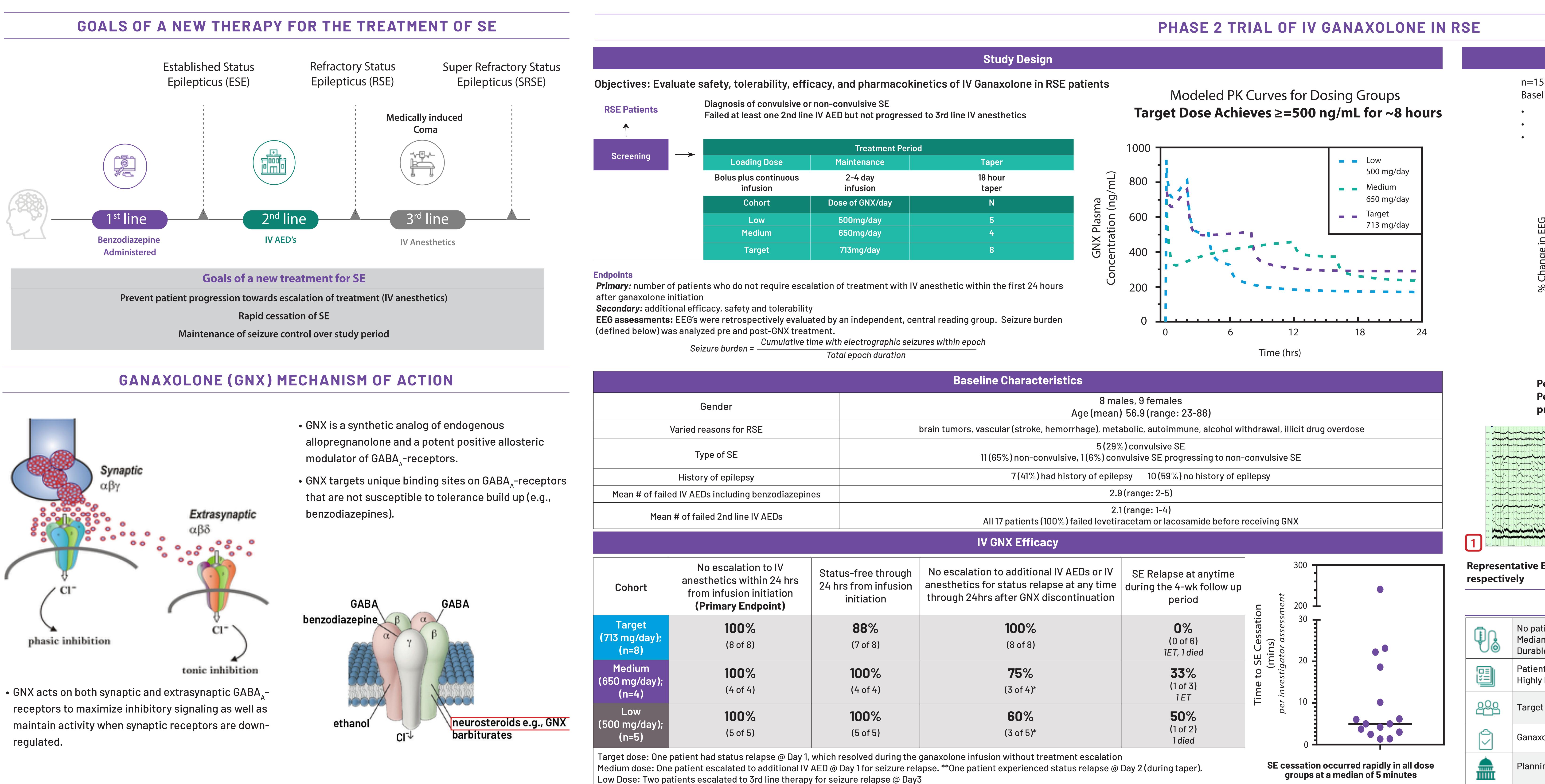
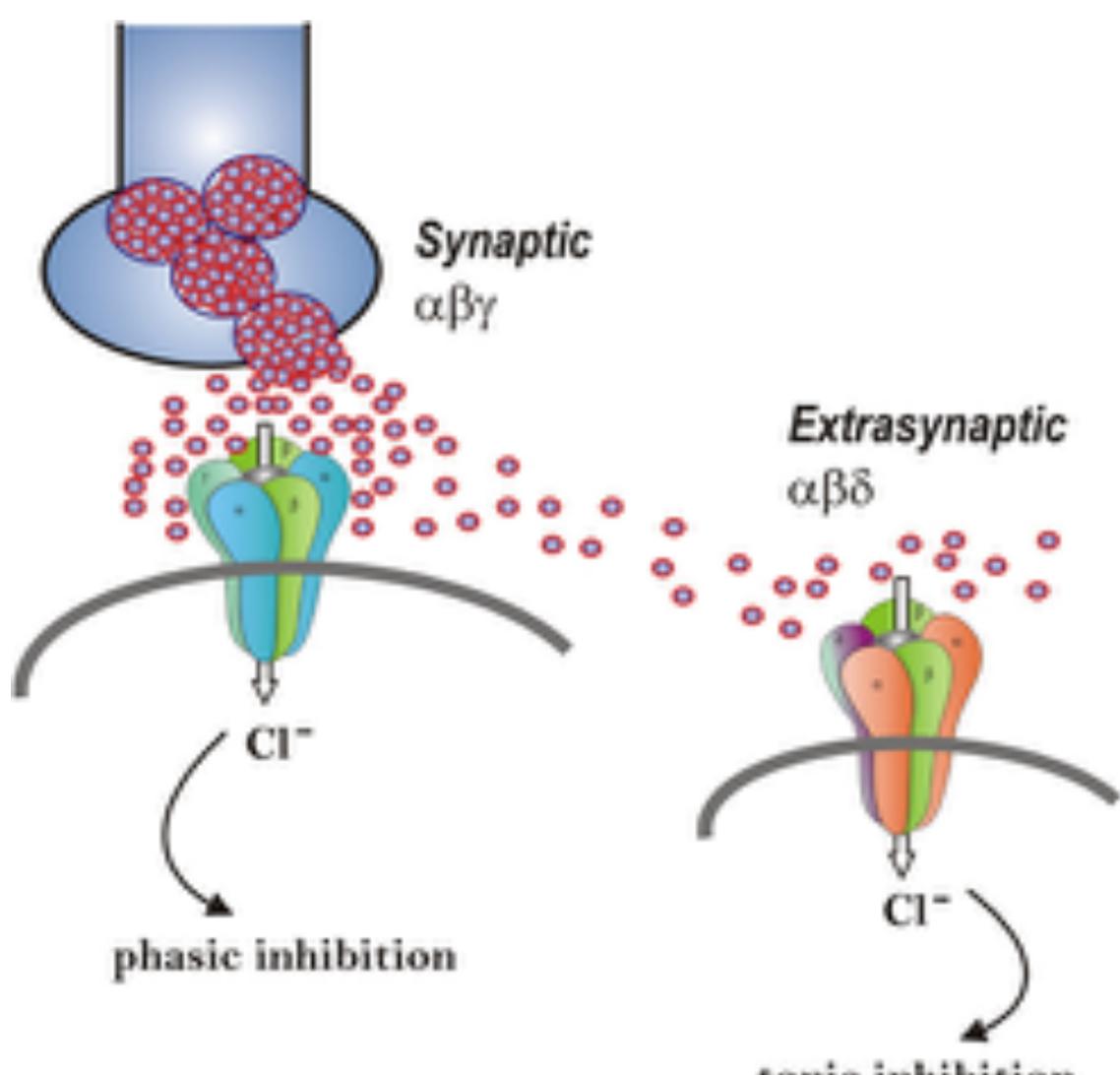
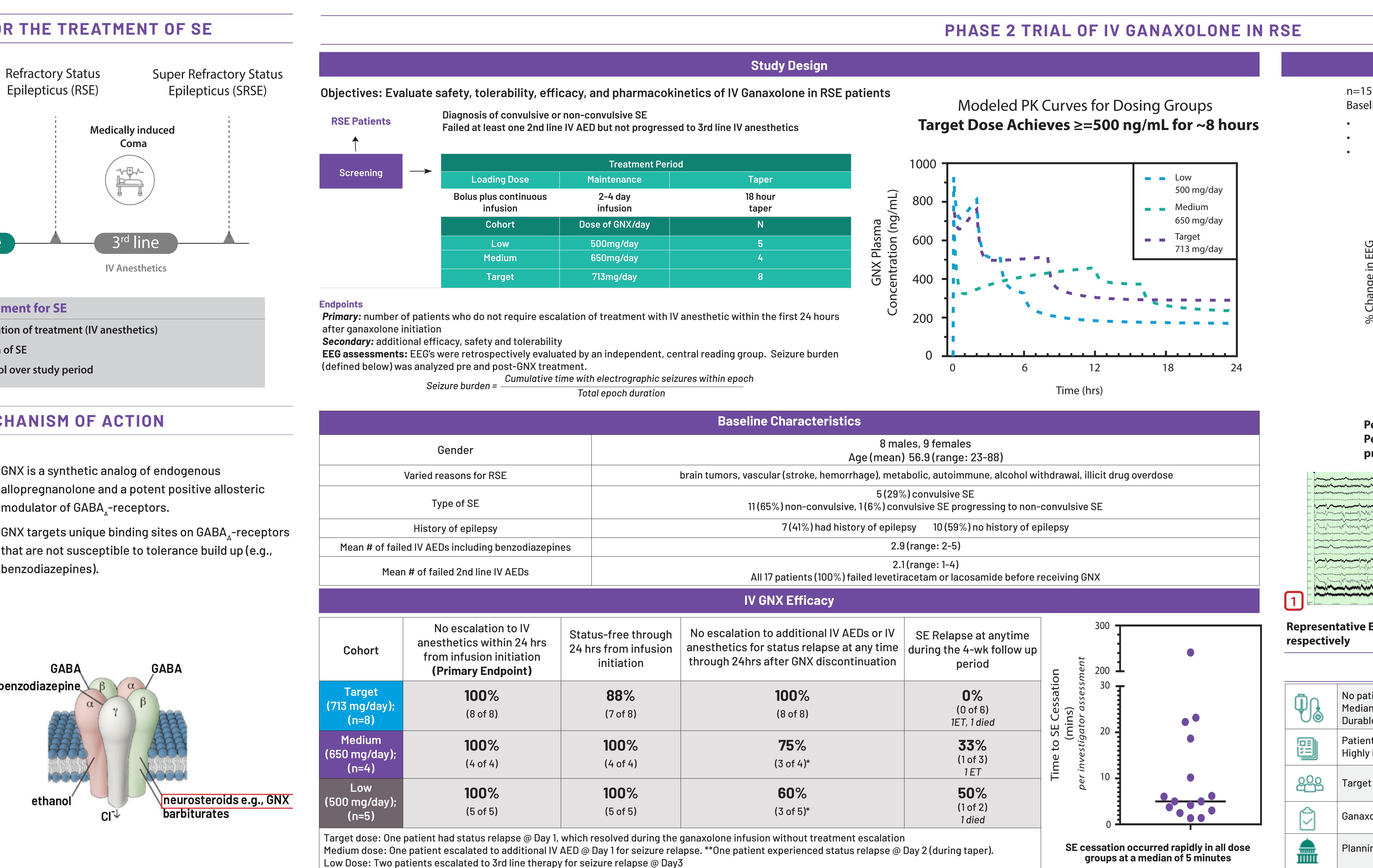
Intravenous Ganaxolone Achieves Rapid and Dose-Dependent Sustained Improvement in EEG Seizure Burden in Patients with Refractory Status Epilepticus

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EEG Seizure Burden n=15 evaluable patients Baseline seizure burden (average seizure burden 60 minutes prior to GNX administration): Low cohort: 0.71 Medium cohort: 0.97 Target cohort: 0.51 larget **500** mg/day GNX -20 initiatior 40 --60 ' Se (-80 -100 10 12 14 -1 0 8 Time (hrs)

Percent change in EEG seizure burden in RSE patients administered IV GNX in various dosing cohorts. Percent seizure burden change is calculated based on each patients seizure burden in the 60 minutes prior to GNX administration.

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Representative EEG's from a patient at timepoint 1, 2, and 3 (above) correlating to high, medium, and low seizure burden,

## CONCLUSIONS

No patients progressed to IV anesthetics during first 24 hours Median time to SE cessation = 5 minutes (3.4-14.4 minutes 25th-75th percentile) (n=15 evaluable) Durable response throughout study period in target dose cohort including retrospective EEG seizure burden analysis Patients failed mean of 2.1 second line IV AEDs Highly heterogeneous underlying cause of status Target patient population and dose identified for Ph. 3 study Ganaxolone shows an acceptable safety profile in patients with RSE Planning EOP2 meeting in Q1 2020