aSAH patients with epileptiform activity selected for simulation of cEEG data

(N = 48)

cEEG labelled using CNN model and Epileptiform activity burden calculated for all 48 patients

A realistic model (lognormal function along with (PK/PD) model) fit on epileptiform activity bruden

“Drug-free” epileptiform activity burden generated for all 48 patients

100,000 druge free cEEG epileptiform activity time courses generated from lognormal parameters of the cohort

Simulated epileptiform activity burden

Select

ASM Efficacy

Calculate mean and standard deviation of OM

Simulated epileptiform activity burden

Placebo

Calculate mean and standard deviation of OM

Calculate effect size and sample size\*

Select RCT variables

(

Select RCT variables

(

INTERVENSION

ARM

CONTROL

ARM