

Clinical Trial Simulation (CTS)



- Clinical Trial Simulation is simulation drug exposure and effect in virtual patient populations.
- CTS can simulate different trial scenarios based on previously developed PK/PD model.
- CTS can simultaneously assess the impact of many variables (sample size, dosing regimens, target populations, PD endpoints) on trial outcomes.
- CTS can rank trial scenarios according to their probability of success
- Any customized virtual population can be implemented in CTS (age, disease status, ethnicity)
- CTS is the approach of choice to quantify uncertainty about dose selection and any other key parameters affecting drug safety and efficacy.