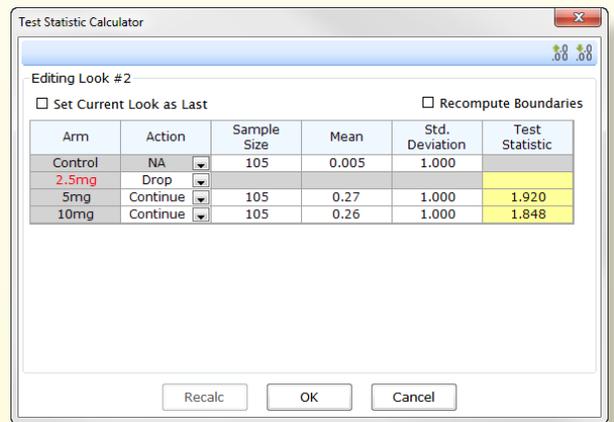




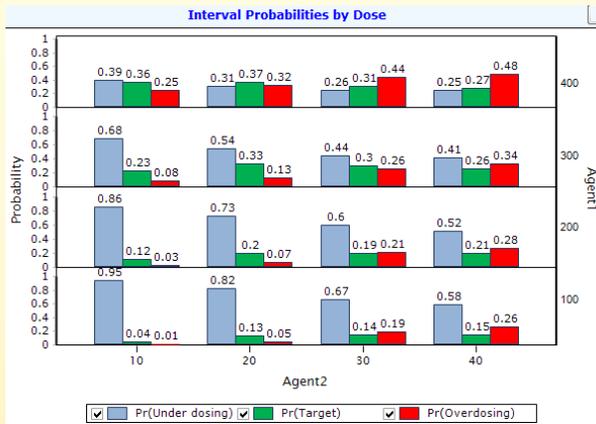
East® version 6.4 continues Cytel's 20+ years tradition of reliable innovation in the design, monitoring and simulation of clinical trials.

Game-changing new features in multi-arm multi-stage designs, Bayesian dose-escalation, and blinded event prediction, address emerging and persistent challenges in modern drug development.

East MULTI-ARM East® MAMS (Multi-Arm Multi-Stage) offers the ability to design and monitor multi-arm multi-stage studies with options for early stopping, dose selection, and sample size re-estimation. A crucial regulatory requirement for multi-arm trials is establishing strong control of the family-wise error rate. East provides a variety of multiplicity adjustment measures to confirm strong control, along with advanced calculations that demonstrate a trial's statistical power.

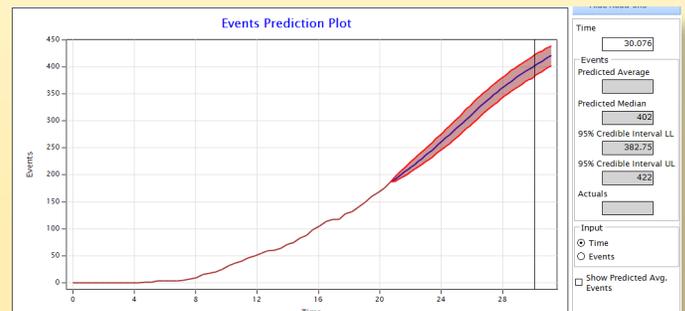


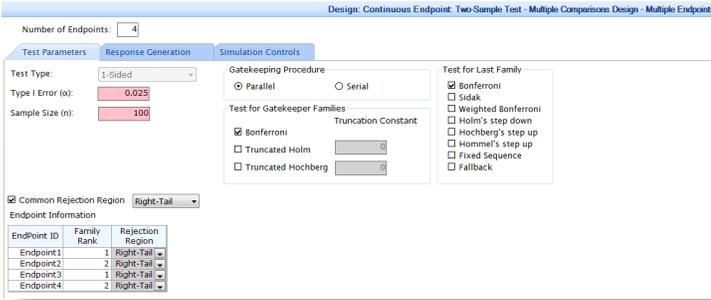
Arm	Action	Sample Size	Mean	Std. Deviation	Test Statistic
Control	NA	105	0.005	1.000	
2.5mg	Drop				
5mg	Continue	105	0.27	1.000	1.920
10mg	Continue	105	0.26	1.000	1.848



East ESCALATE East® ESCALATE supports the simulation and analysis of Phase 1 dose escalation trials for determining maximum tolerated dose (MTD), for both single-agent and two-agent designs. ESCALATE provides several modern Bayesian and model-based designs – mTPI (Ji et al, 2010), CRM (Goodman et al., 1995), BLRM (Neuenschwander et al., 2008; 2015), PIPE (Sweeting & Mander, 2015) - which are known to outperform traditional designs in terms of accuracy and safety.

East PREDICT East® PREDICT offers powerful simulation and forecasting tools that quantify uncertainties about trial duration, enrollment, and events, using blinded or unblinded interim data. Decision makers have access to pivotal predictive analytics, including breakthrough statistical tools like Predicted Interval Plots (Li, et al., 2009).





East | East

MULTI-ARM | ENDPOINTS

Be confident in your strategy for testing studies with multiple objectives using these two new modules for trial design with multiplicity. East® MULTI-ARM provides expert tools for controlling type-1 error and creating design strategies that align with regulatory requirements and the goal of improving product label. East® ENDPOINTS provides a trusted apparatus to promote strategic trials with parallel and serial gatekeeping (Bauer et al, 1998; Westfall and Krishen, 2001; Dmitrienko, et al, 2008).

The powerful design and management capabilities of East are now available in a SAS environment. East® PROCs allows users to leverage the speed and precision of SAS, while benefitting from East's innovative design technology. The result is effortless integration of interactive designs with production/batch mode.

East PROCs

East Modules

East® 6.4 supports flexible configurations of ten modules, allowing users to choose a variety of packages based on their unique design needs.

Learn more at
www.cytel.com

Contact us for a free 30 day trial
sales@cytel.com

