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**PIONEERING INTEGRATION OF CLINICAL SUPPLY SIMULATION  
AND FLEXIBLE RANDOMIZATION FOR ADAPTIVE TRIALS  
UNVEILED BY TOURTELLOTTE SOLUTIONS AND CYTEL INC.**

*Supply chain predictability removes costly obstacle  
to biopharmas' adoption of more efficient adaptive trials*

**WAYLAND, Mass. and Cambridge, Mass., April 23, 2007** – [Tourtellotte Solutions](#) and [Cytel Inc.](#) today announced the integration of [tcVisualize™](#) and [FlexRandomizer®](#), a combination that simulates both supply chain and flexible randomization for adaptive clinical trials. This simulation package is an essential requirement for the successful design and implementation of innovative clinical trials, including adaptive trials.

Cytel is the leading provider of statistical services and software for the design and conduct of clinical trials. Tourtellotte is a leader in off-the-shelf and custom supply chain software for the pharmaceutical, retail, and consumer goods industries. The two companies demonstrated their integrated applications at the [2007 ExL Pharma Clinical Supply Forecasting Summit in Philadelphia](#).

Flexible, adaptive clinical trials, widely considered a key to productivity gains in drug development, can result in large improvements in lead time, cost, and success rates. However, the greater flexibility of these designs naturally increases uncertainties in clinical operations, especially in drug supply. The integrated [tcVisualize](#) and [FlexRandomizer](#) solution helps manage this uncertainty by analyzing alternatives and assuring success at reasonable cost.

“In merging clinical supply chain simulation with flexible randomization, this joint application finally allows drug and device development companies to gain the savings, both in time and cost, offered by adaptive trials. Companies will be confident that a large range of scenarios has been simulated to minimize the chance of unforeseen glitches,” said Ranganath Nayak, Chief Executive Officer of Cytel Inc. Ed Tourtellotte, CEO of Tourtellotte Solutions, agreed. “The simulation software delivers great value to our customers. Bringing supply-chain predictability to trials that adjust as they go is a thrilling advance. It benefits the pharmaceutical industry – and trial patients – significantly.”

The unified solution will be available to customers immediately from both companies. Tourtellotte’s [tcVisualize](#) is a desktop-based visual simulator and forecaster that allows a supply team to run and compare unlimited supply scenarios with varying parameters and with actuals, and includes Monte Carlo analysis and variable dosing capability. Originally developed for Wyeth Pharmaceuticals, Cytel’s [FlexRandomizer](#) allows reliable, real-time, flexible randomization that minimizes treatment imbalance, and accommodates a wide variety of trial parameters and designs, including blinded, multistage, and crossover studies. Cytel and Tourtellotte plan to add response-adaptive simulation capabilities later this year.

For more information about Cytel Inc and FlexRandomizer, please visit [www.cytel.com](http://www.cytel.com) or call +1.617.661.2011. For more information on Tourtellotte Solutions and the tcVisualize product, please call David Diamond at +1.866.653.2770 x103, or visit [www.tourtellottesolutions.com](http://www.tourtellottesolutions.com).

### **About Tourtellotte Solutions**

[Tourtellotte Solutions](#) is a global leader in off-the-shelf and custom supply-chain software for the pharmaceutical, retail, and consumer goods markets. Tourtellotte Solutions’ [tcVisualize](#), a groundbreaking clinical supply chain modeling and forecasting application for the pharmaceutical industry, is used by several of the largest pharmaceuticals. Tourtellotte also sells [RockBlocks](#)<sup>®</sup>, which is widely used for managing sourcing in the retail, consumer goods, branded apparel, and footwear industries. Tourtellotte Solutions is a privately-held company headquartered in Wayland, Massachusetts.

**About Cytel**

[Cytel Inc.](#) is the leading provider of [clinical trial consulting services](#) and [specialized statistical software](#) for the biopharmaceutical, medical device, academic and research institute markets. Cytel's innovative trial designs facilitate better decisions that increase the probability of clinical trial success, thus markedly improving the return on investment in drug development. Cytel also sells the industry-standard statistical software packages [East®](#), [StatXact®](#), and [LogXact®](#). Entering its 20th year, Cytel Inc. is headquartered in Cambridge MA, with subsidiaries in Pune, India, and in Philadelphia.

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