BioSpectrum the business of Bio & Health Sciences ASIA EDITION

New technologies in CRO'-Annual BSA CRO Survey

October 18, 2015 | Analysis | By BioSpectrum Bureau

New technologies in CRO'-Annual BSA CRO Survey



With the rise in clinical research activities, the industry is undergoing constant evolution. CROs are developing and experimenting on new methods of clinical research such as clinical trial models, patient recruitment model, data management system and predictive trial outcome analysis. There is a sudden focus on assistive technology being developed to minimize the risks of clinical trial, reduce operation cost and bring a whole new trend in clinical trial management.

Real-time analytic solution
Parexel launched a new generation of its Perceptive MyTrials platform that advanced analytics capabilities that allows real-time and aggregated analytics to detect key signals and trends. With the Perceptive MyTrials Analytics solution, clinical trial sponsors can use a mobile-enabled, single entry-point to access predictive data analytics for multiple studies simultaneously.

"As clinical studies become more complex, there is a growing need for real-time and standardized data and analytics from multiple studies," said Mr Xavier Flinois, president, PAREXEL Informatics. "Using the enhanced tools available with the Perceptive MyTrials Analytics solution, our clients can visualize trends across studies, garner reliable intelligence, and confidently make data-driven business decisions. This information will ultimately help reduce risk, increase clinical trial efficiency, and speed time to market for our clients and for patients."

Cloud based solution
Tapping on integration of mobile apps and wearable devices for patient engagement, point of care, and scientific analysis BioClinica launched e-Health cloud solution to rapidly connect its clinical trial technologies and clinical data to provide sponsors, investigator sites and patients a quick overview and analysis of the study.

Dose Authentication
China's clinical research and technology provider WuXi PharmaTech, in collaboration with TruTag Technologies, has developed and tested on-dose authentication solution that allows drug manufacturers to digital scan a drug to confirm its authenticity and reveal provenance information such as manufacturing location, dosage, images of packaging, expiration date, supply chain data, and lot or batch number.

Regulatory Management
Parexel launched Regulatory Information Management (RIM) platform to supports the entire regulatory product lifecycle, from early planning of registration targets through product retirement, with robust submission planning, publishing, viewing and registration management capabilities.

Parexel mentioned that while biopharmaceutical companies and the patients who can benefit from new drugs are located throughout the world, there is no single international regulatory body to review and approve new medicine applications. For new and innovative medicines to successfully reach patients and maintain regulatory compliance throughout the product lifecycle, biopharmaceutical companies must navigate the complex, global regulatory and region-specific regulations.