

Mike Girand - Data Sciences International - Saint Paul, USA

Mike manages a small team of former research scientists. This group works closely with a number of departments at DSI to assist in achieving a higher level of application knowledge. Likewise, the team works with scientists to better understand the research environment, its approaches, and challenges. Since joining DSI in 2007, additional responsibilities have included product management, technical and application support, and sales. Prior to DSI, Mike was a Research Scientist and Study Director at Warner-Lambert/Parke-Davis and Pfizer in Ann Arbor, MI for 12 years. While there, he had the opportunity to work in a variety of departments including Cardiovascular Pharmacology, General Toxicology, and Safety Pharmacology. In 1992, Mike received his undergraduate degree in Zoology at Michigan State University and in 2005 completed his MBA at the University of Phoenix. His areas of interest include respiratory and cardiovascular hardwired applications.

Mike is an active member of two sub-committes in the Safety Pharmaoclogy Society. He is also a member of both the American Thoracic Society and the Michigan Thoracic Society.

Study design approaches: Combining plethysmography, telemetry and Allay[™] restraint technology for the use in safety pharmacology and inhalation toxicology environments

On behalf of Brian Roche, Charles River Laboratories

The demand is still the same: do more, with less, and get great results. Technology changes and studies evolve. Evaluation of newer technology must be carefully considered.

Studies included in this presentation focus on the evaluation of DSI's AllayTM restraint technology with rats. Cardiopulmonary endpoints are compared in Safety Pharmacology and Inhalation Toxicology environments using telemetry, combined with a variety of restraints and plethysmography devices.

Notes