



NEWS RELEASE

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Designed Experiments for Medical Devices

Learn How to Optimize your Product or Process

MINNEAPOLIS – February 15, 2019 – [Stat-Ease, Inc.](#), a leader in the field of design of experiments (DOE), today announced the release of the new workshop Designed Experiments for Medical Devices.

In this one-of-a-kind workshop, learn how to optimize your medical device or process. Our DOE experts will show you how to use our Design-Expert® software to help you save money or time while ensuring the quality of your product. We welcome scientists, engineers, and technical professionals working in this field, as well as organizations and institutions that devote most of their efforts to research, development, technology transfer, or commercialization of medical devices. Throughout this course you will explore cases that come directly from this industry.

During a fast-paced two days, explore the use of fractional factorial designs for the screening and characterization of products or processes. Also see how to achieve top performance via response surface designs and multiple response optimization. Practice applying all these DOE tools while working through cases involving medical device design, pacemaker lead stress testing, and typical processes that may be used in the testing or production of these devices such as seal strength, soldering, dimensional analysis, and more.

“Multifactor testing via DOE is the secret weapon for medical-device developers,” says Stat-Ease Principal Mark Anderson. “They tend to keep their success to themselves to keep their competitive edge, but, for example, one story, that we can share, documents how a multinational manufacturer doubled their production rate while halving the variation of critical-to-quality performance. That’s powerful stuff!”

For dates, location, cost, and more information on this workshop, visit:

www.statease.com/training/workshops/class-demd.html.

About Stat-Ease and DOE

Based in Minneapolis, [Stat-Ease](http://www.statease.com) has been a leading provider of design of experiments (DOE) software, training, and consulting since its founding in 1982. Using these powerful statistical tools, industrial experimenters can greatly accelerate the pace of process and product development, manufacturing troubleshooting and overall quality improvement. Via its multifactor testing methods, DOE quickly leads users to the elusive sweet spot where all requirements are met at minimal cost. The key to DOE is that by varying many factors, not just one, simultaneously, it enables breakthrough discoveries of previously unknown synergisms.

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