



Medical Device Development: Preclinical and Experimental Surgery Solution

Verify The Safety and Performance of Your Prototype

The preclinical stage of medical device development comes with a unique set of challenges. You need to determine if your device materials are safe and biologically compatible and whether your prototype will fit and work the way you intended. Labcorp Medical Device and Diagnostic Development has the expertise and the resources to support your preclinical work. Craft the optimal preclinical strategy by collaborating with our device development specialists. Then, access the preclinical resources you need to carry out your strategy. Whether you are exploring a promising device concept, initiating a comprehensive testing plan or conducting a single study, Labcorp Medical Device and Diagnostic Development can help you prove out your device in its earliest stage of development.



Biocompatibility Testing

Ensure the materials in your medical device are safe for use.



Experimental Surgery Solutions

Explore design options and optimize proof-of-concept for your novel product.



Education and Training Resources

Advance sales/physician skills by providing hands-on education.

A new approach for a changing world

At every stage of development, Labcorp Medical Device and Diagnostic Development brings you an experienced team of device professionals with the expert delivery of tests and trials. From experimental surgery to regulatory consulting, clinical trials and post-market authorization support, you can be sure you'll have access to the knowledge, expertise and tools needed to bring your ground-breaking devices to life.



Labcorp Medical Device and Diagnostic Development

Connected insights.
Expert delivery.
For every stage of the
product life cycle.

Biocompatibility Testing

Proving your device is made of biologically compatible materials is a regulatory requirement of every device. Labcorp Medical Device and Diagnostic Development provides you with a customized testing roadmap to ensure you get the data required to progress your device to the next stage of development, quickly and efficiently.

- Collaborate with our team to identify the right studies for your device
- Access a full range of biocompatibility testing studies
- Conduct your studies at one of our EN 45011, ISO 17025, GLP or GMP certified global laboratories
- Benefit from high-quality scientific data and analytical support

Experimental Surgery Solutions

Experimental studies provide you with a better understanding of how you can enhance your design or develop your concept further. You can gain valuable insight with an early surgical test using one of our built-for-purpose operating rooms (OR).

- Access four state-of-the-art surgical OR suites
- Collaborate with our team to establish the right model for your study
- Conduct your study to GLP or Non-GLP standards
- Assess the function of your device with a cadaver study
- Leverage our full suite of specialized imaging equipment
- Connect with your team using the latest 4K video conferencing capabilities

Let us help you bring your device to life

Each medical device and diagnostic product is different. Whether you need a partner for every phase of development or just one study, Labcorp Medical Device and Diagnostic Development has the connected insights, life cycle integration, passionate experience and resource ingenuity to meet the goals for your next breakthrough.

Learn more at www.labcorp.com/device-cro

