

Cardiovascular Studies

WuXi AppTec serves as a unique single-source provider for comprehensive medical device custom implant studies and materials testing. Testing services are offered through WuXi AppTec's associated facility, Integra Medical Research and Evaluation, located in Minneapolis, Minnesota. Integra is registered with the USDA and operates in accordance with the Guide for the Care and Use of Laboratory Animals.

The Integra facility has the capacity to house multiple species for implant studies, with modern, fully functional surgical suites and accompanying training suite. Supporting equipment includes complete routine surgery equipment plus state-of-the-art fluoroscopy/angiography; echocardiography; Cryocor thermal ablation system; video imaging, recording and links to conference rooms; and a full engineering lab for customer use.

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biologics and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

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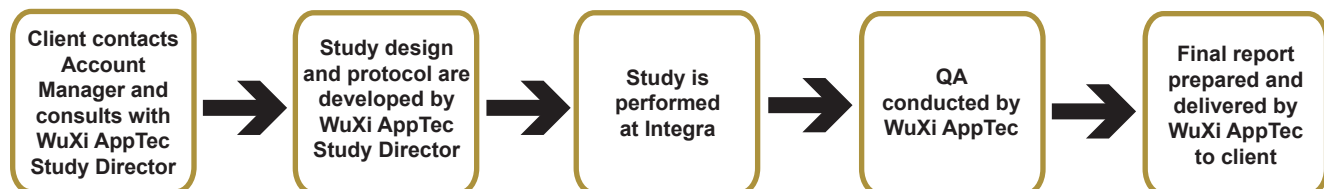
Program Features

- Experience with all standard animal models, including: Rabbit □ Dog □ Sheep □ Goat □ Pig
- Experienced study director, research surgeon and QA auditor on site, plus physician access
- In-house chemistry, histology interpretation and clinical pathology evaluation
- Model development and evaluation
- Device and pharmaceutical performance and evaluation
- GLP, non-GLP and R&D device design and material testing
- Protocol development and reporting
- FDA/Regulatory guidance

Implant Study Experience

- Cardiac device – permanent/acute (pacing & defibrillator leads, balloons, stents, atherectomy & CRM devices)
- Cardiovascular access
- Peripheral vascular access
- Site-specific organ access
- Electrophysiology
- Interventional procedures
- Fabric and vascular grafts
- Hemodynamics
- Heart failure
- Sensors and implantable monitors
- Right- and left-side catheterization

Project Progression



In addition to cardiovascular studies, WuXi AppTec offers other custom implant studies, plus complete biocompatibility/safety testing and toxicology studies.

For more information on WuXi AppTec's services please contact:

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