

Nicolette D. Jackson

DVM, MS, DACVP



Senior Scientific Director, Medical Device
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ABOUT

Dr. Nicolette (Nikki) Jackson joined Inotiv in 2021 as Director of Medical Device Pathology. In 2024, Dr. Jackson was promoted to Senior Scientific Director, Medical Device and provides scientific oversight for the medical device program at Inotiv, interfacing with our clients as a key subject matter expert.

As a board-certified veterinary anatomic pathologist with 14+ years of experience in the medical device pathology field, she specializes in orthopedic devices (both biostable and bioabsorbable), wound healing, ablation therapies, gastrointestinal devices, and cardiovascular devices with many other device types in the mix. She excels in investigating new

medical device pathology techniques and enjoys working with various histology types (paraffin and plastics histology). Dr. Jackson is broadly published in the medical device field, with numerous publications, presentations, and book chapters on orthopedic, cardiovascular and medical device pathology.

Prior to joining Inotiv, Dr. Jackson worked for StageBio as director of medical device pathology. Before that, she worked as a pathologist for Alizée Pathology, where she worked on a wide range of study types in a very busy contract histopathology laboratory, AccellAB in Quebec, which provided additional in-life experience for medical device studies, and the Texas A&M University Cardiovascular Pathology Laboratory.

Dr. Jackson completed a BS in Biological and Agricultural Engineering at Kansas State University, followed by a DVM. She continued to expand her knowledge in the medical device field by completing a residency in anatomic and cardiovascular pathology at the Texas A&M University Cardiovascular Pathology Laboratory from 2010 to 2013, where she participated in medical device pathology studies.



AREAS OF EXPERTISE

- Orthopedic Medical Devices
- Dental Implants
- Wound Healing Studies
- Cardiovascular Devices
- Gastrointestinal Devices
- Ablation Therapies
- Ocular Implants
- Immunohistochemistry
- Computerized Histomorphometry
- MicroCT Imaging and Quantification
- SEM-EDS Analysis
- Necropsy Oversight
- ISO 10993 Part 6 and Part 11

MY JAM

- Reading for Fun
- Horseback Riding
- Boating

