

# DCRI PRECISION IMAGING

## Insightful Imaging Accelerating Research

The DCRI Precision Imaging Program is at the forefront of imaging in clinical research, with Duke Imaging and Radiology faculty and staff authoring national standards for clinical care and research. The program is one of the most respected imaging clinical trials groups in the world, providing experienced oversight and independent imaging management for all phases of clinical trials, including multicenter industry trials.

### DCRI PRECISION IMAGING OFFERINGS

#### Thought leadership

- Trial design
- Imaging design
- State-of-the-art imaging techniques
- Results interpretation and dissemination

#### Regulatory and policy expertise

- FDA panels and committees
- Submission experience
- National guidelines authorship

#### Efficient and knowledgeable operations

- Project management
- Trial setup
- Site image acquisition and analysis
- Reproducibility testing and remediation
- Image and data quality assurance
- Compliant with Good Clinical Practice guidelines
- FDA guidance for use of imaging in clinical trials

#### Image management solutions

- Web-based image transfer linked to EDC
- Web-based PACs system for site and sponsor review
- Secure, cloud-based image storage
- State-of-the-art analysis systems

#### Adjudication Support

- Image capture and redaction
- Read comparison
- Final report

### Mission

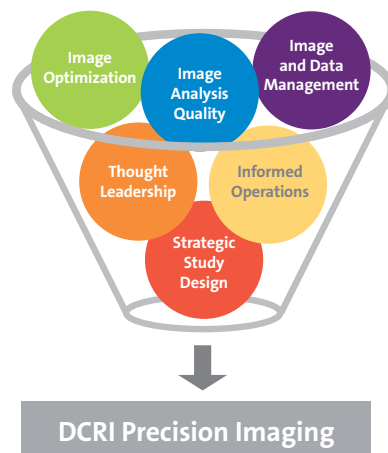
To enhance the value of imaging in clinical research and clinical care by providing oversight and expertise in the arenas of discovery, pharma/device research and clinical practice.

### Vision

DCRI Precision Imaging is an experienced academic multimodality imaging program, providing a full range of core lab and other services; utilizing innovation and expertise to deliver timely solutions for pharma/device research and clinical practice.

### COMPONENTS OF DCRI PRECISION IMAGING

- World class imaging expertise
- Informed protocol design
- Right image at the right time for the right information
- Customized imaging assessments
- Clinical trials leadership
- DCRI resources



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Find out more  
about DCRI Precision  
Imaging.

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[dcri.org/imaging](http://dcri.org/imaging)

## IMAGE ADJUDICATION SUPPORT

Expert imaging faculty at the DCRI follow a well-defined process to ensure balanced, accurate, and thorough adjudication that addresses unique imaging findings while avoiding bias. DCRI Precision Imaging physicians conduct research and work in clinical settings giving them first-hand knowledge of the impact adjudication can have on outcomes. Our expertise includes:

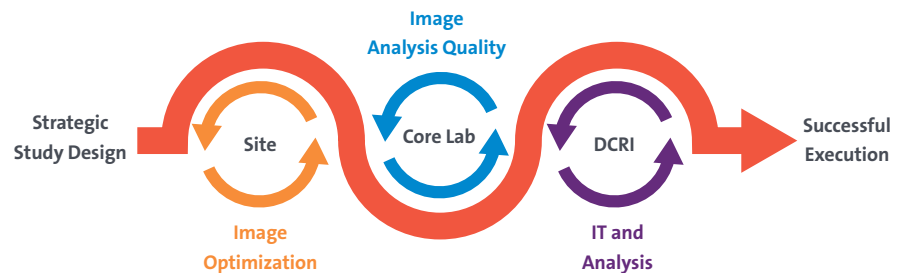
Traditional  
Adjudication

Unique Combination  
Adjudication

Eligibility  
Adjudication

## ENSURING QUALITY AND ACCURACY

DCRI's Precision Imaging works with research teams to provide guidance on site selection, engagement, management, and training with continuous quality improvement every step of the journey.



## PRECISION IMAGING LEADERSHIP



**Pamela Douglas, MD, MACC, FAHA, FASE**  
Ursula Geller Professor of Research in Cardiovascular Diseases  
Cardiology Division, Department of Medicine  
Duke University Medical Center



**Melissa Daubert, MD, FACC, FSCCT**  
Assistant Professor of Medicine, Department of Medicine  
Duke University Medical Center  
Investigator, Duke Clinical Research Institute



**Sreekanth Vemulapalli, MD**  
Assistant Professor of Medicine, Department of Medicine  
Duke University Medical Center  
Investigator, Duke Clinical Research Institute



Working with expert faculty in diverse and emerging imaging fields.



Duke Clinical Research Institute

FROM THOUGHT LEADERSHIP  
TO CLINICAL PRACTICE