



# Leading Imaging Core Lab for Spine Clinical Trials

## Overview

- Full-service provider of imaging core lab services for multi-center clinical trials and research studies
- More than 15 years' experience supporting regulatory submissions for spine imaging studies
- Over 100 regulated spine clinical trials supported to date including IDE, IND, OUS, 522, and Post-Market
- Leaders in the assessment of spine fusion, motion preservation, fracture stabilization, and disc repair
- Services include: Protocol Development, Image Analysis, Data Management, and Scientific Consulting
- Commitment to quality, reliability, and responsiveness

## Treatment Expertise

- Surgical Decompression
- Fusion
- Arthroplasty
- Dynamic Stabilization
- Annular/Nuclear Repair
- Interspinous Distraction
- Vertebral Augmentation

## Common Assessments

- Canal & Foraminal Stenosis
- Spinal Stability & ROM
- DDD & Facet Disease
- Graft Incorporation & Bridging
- Implant Stability & Fixation
- Disc Height & Lordosis
- VB Height Restoration

## Analysis Technique

- Quantitative Motion Analysis®
- Center of Rotation
- MR T1 / T2 Relaxometry
- µCT Analysis
- Bone Density Mapping
- Fracture Risk Prediction
- Fusion Rigidity Analysis

## The Medical Metrics Advantage

- Experienced with more than 75% of pivotal spine IDE studies in the U.S. and numerous OUS studies
- History of participation in successful PMAs, including multiple approved disc arthroplasty and fusion devices
- Experienced with the latest fusion treatments, including stem cells, grafts, scaffolds, and biologics
- Luminary staff of spine imaging experts available to consult on protocol design and imaging endpoints
- Proprietary, "gold standard" measurement technology (QMA®) referenced in over 150 scientific publications
- Validated, 21 CFR Part 11-compliant data management system with secure, Tier 3 colocation
- ISO 9001:2015-certified quality management system
- Robust image transfer and remote image viewing capability

