

# IMAGING CORE LABS

AN END-TO-END SUITE OF GLOBAL IMAGING SERVICES TO ENHANCE AND EXPEDITE BIOPHARMACEUTICAL AND MEDICAL DEVICE DEVELOPMENT

## CARDIOVASCULAR

- Board-certified cardiologists, vascular surgeons, and interventional radiologists demonstrating extensive clinical trial experience needed for safety and efficacy assessments surrounding cardiovascular diseases, both qualitative and quantitatively
- In-house registered vascular imaging technologists (RVTs) and echocardiographers (ECHO technologists) with widespread knowledge in qualifying sites with customized and advanced data acquisition protocol for cardiovascular studies, and experience in performing and assessing cardiac and vascular imaging in clinical trials
- Imaging project managers specializing in managing cardiovascular disease trials, as well as the respective analyses and quality checks for the needed imaging assessments

## METABOLIC

- In-house imaging technologists who maintain a widespread knowledge in qualifying sites with customized and advanced data image and acquisition protocols
- Integrated team of technologists, physicians, and medical physicists collectively possessing years of experience with imaging studies, who utilize a variety of imaging modalities (CT, MRI, US/Echo and DXA) to determine key inclusion/exclusion criteria as well as safety/efficacy endpoints
- Imaging project managers who focus on management of trials utilizing these modalities, designing and testing novel methods for quantitative imaging endpoints

### CARDIOVASCULAR

MODALITIES	INDICATIONS
<ul style="list-style-type: none"><li>• Echocardiography (ECHO)</li><li>• Vascular ultrasound</li><li>• Angiography</li><li>• Computed tomography (CT)</li><li>• Magnetic resonance imaging (MRI)</li><li>• Multi-gated acquisition scan (MUGA)</li><li>• Positron emission tomography (PET)</li></ul>	<ul style="list-style-type: none"><li>• Acute coronary syndrome</li><li>• Coronary artery disease</li><li>• Hypertension</li><li>• Stroke</li><li>• Heart failure</li><li>• Atherosclerosis</li><li>• Diabetes</li></ul>

### METABOLIC

MODALITIES	INDICATIONS
<ul style="list-style-type: none"><li>• Computed tomography (CT)</li><li>• Magnetic resonance elastography (MRE)</li><li>• Magnetic resonance imaging (MRI)</li><li>• Dual-energy x-ray absorptiometry (DXA)</li></ul>	<ul style="list-style-type: none"><li>• Lipid disorders</li><li>• Nonalcoholic steatohepatitis (NASH)</li><li>• Rare endocrine disorders</li><li>• Diabetes</li><li>• Obesity</li><li>• Chronic kidney disease</li></ul>

# EGG CORE LAB

UNIQUELY QUALIFIED TO ADDRESS YOUR CARDIAC SAFETY NEEDS

## HIGH VOLUME ECG ACQUISITION AND ANALYSIS

- 12-lead ECG
- 12-lead Holter monitoring
- 12-lead telemetry
- Arrhythmia analysis
- TQT studies
- Exposure/QT Response studies
- Ambulatory blood pressure monitoring
- Office/in-home blood pressure monitoring

## EFFICIENT STUDY MANAGEMENT

- Project Managers with an average of 6 years ECG Core Lab experience and over 11 years industry experience with Medpace
- Site support help desk 24/7 within the Medpace Core Lab team
- Equipment logistics expertise with ECG device shipping experience in over 35 countries

## HIGHLIGHTS

- An integral component of the Medpace full-service CRO product offering, or as a stand-alone service
- In-house medical expertise; physicians and cardiology specialists on staff with excellent peer-to-peer relationships with KOLs
- Extensive global experience with trial design, data interpretation and analysis, global study management, and regulatory strategy consultation
- Utilizing industry standard devices and systems, allowing precision that ensures proper qualification of tools and methodology as outlined in ICH E14 Guidance
- 60,000 sq.ft. Phase I Unit on Medpace campus with systems designed for TQT studies tightly integrated with the core lab
- Customized alert criteria inclusive of drug profile and protocol requirements

## STREAMLINED PROCESS



MAKING THE COMPLEX  
**SEAMLESS**<sup>®</sup>