

# CARDIOVASCULAR IMAGING EXPERTISE

## Global Cardiac Services for Safer and More Effective Treatments



### Choose Bioclinica for your Cardiovascular Endpoints:

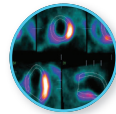
- ✓ **30+ years of global experience**
- ✓ **Board-certified cardiologists, radiologists, nuclear medicine physicians, and registered radiologic technologists and sonographers providing expert independent review**
- ✓ **Support for a wide range of imaging modalities and quantitative cardiac endpoints across all phases**
- ✓ **Therapeutically focused project team**
- ✓ **Expertise and guidance for regulatory submissions (FDA, EMA, PMDA and CFDA)**

Advances in medical imaging offer clinicians and sponsors sensitive and quantitative measurements of cardiac structure and function. While these advances enable increasingly sensitive assessments of drug safety and efficacy, the success of your clinical trial depends on the selection and accurate measurement of cardiovascular endpoints. Bioclinica's cardiovascular team has experience with all imaging modalities including the latest innovations in molecular imaging and echocardiographic strain, helping you design and support the evaluation of your drug or medical device.



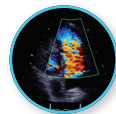
### Quantitative Analysis

Expert independent review of cardiovascular images and quantitative image analysis in support of novel therapeutics and medical devices. We apply state-of-the-art software to deliver reproducible, high quality data.



### Expert Modality Support

- Angiography (ANGIO)
- Cardiac Magnetic Resonance Imaging (CMR)
- Cardiac Computed Tomography (CCT)
- Echocardiography (ECHO)
- Nuclear Medicine (PET, SPECT)
- Vascular Ultrasound (US, CIMT)



### Evaluation of Cardiac Structure and Function

- Ejection fraction, cardiac volumes and mass
- Heart valve assessment
- Myocardial perfusion (viability, infarct size, scar tissue)
- GL, LV, RV, and LA Strain
- Coronary Artery Calcium (CAC) scoring



### High Quality Imaging Data

Rigorous quality control processes to ensure high quality data

- Qualification of imaging sites
- Monitoring site adherence to regulatory guidelines
- Specification of imaging requirements
- Hardware/software assessments
- Protocol training and technical support