

# CARDIOVASCULAR IMAGING EXPERTISE

## Global Comprehensive Cardiac Services for Safe and Effective Treatments



Advances in medical imaging offer clinicians and sponsors sensitive and quantitative analysis 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.



Therapeutically-focused project team



30+ years of global experience

### 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, MUGA)
- 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)
- Coronary Artery Calcium (CAC) scoring
- LV/RV Strain analysis (CMR/ECHO)

### Respected Imaging Data

**Rigorous quality control throughout the trial to ensure high quality data.**

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

- ✓ **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**
- ✓ **Expertise and guidance for regulatory submissions (FDA, EMA, PMDA and CFDA)**



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