

JOB DESCRIPTION

POSITION TITLE:	<i>Cardiovascular Ultrasound Specialist</i>
REPORTS TO:	<i>Echo Program Manager</i>
EXEMPT/NON-EXEMPT:	Exempt

JOB SUMMARY:

The Cardiovascular Ultrasound Specialist provides support to various facets of MMI's business related to cardiovascular trials as part of the Technical Services (TS) department. The position will assist with imaging protocol development, interacting with study sites, assisting with new project initiation activities, and supporting other tasks as needed that require specialized knowledge of cardiac and vascular sonography to ensure high quality imaging and data output. The position will liaise with other staff from the Technical Services department as well as the Client Services, Operations, and Technology Enablement departments at MMI, and personnel from study sites and MMI clients.

Job tasks will occur in an office environment, with no scanning or interaction with patients.

DUTIES AND RESPONSIBILITIES:

- Assist other TS staff with technical consulting activities, such as reviewing and providing feedback on Image Review Charters (IRCs), Image Acquisition Protocols (IAPs), and proposals
- Identify measurement and assessment methodologies relevant to the trial based on the treatment under investigation, academic publications, and imaging society guidelines
- Manage, develop, and revise site training material and assist with its delivery
- Document training activity and results of effectiveness testing
- Assist with developing and delivering project-specific training materials for technical project staff, including clinical project managers, analysts, and physician consultants (i.e., radiologists and cardiologists)
- Review trial imaging for labeling and quality, document discrepancies and non-conformances to the IAP, and provide feedback and recommendations to the study site to resolve the issue(s)
- Implement image analysis QC/QA processes for quantitative and qualitative assessments performed by physician reviewers
- Assist with developing summaries to communicate imaging findings to clients
- Reinforce client relationships through high-quality work products, responsiveness, and timeliness

- Understand Medical Metrics' Quality Policy and support the achievement of the organization's quality objectives and take corrective action when necessary to mitigate organizational risk
- Comply with company policies and procedures, as well as ISO 9001 and Current Good Clinical Practices (cGCPs) relative to job tasks
- Ensure compliance with HR policies and procedures

EDUCATION AND EXPERIENCE:

- Graduate of an accredited education program in echocardiography and/or vascular sonography or equivalent experience
- Bachelor's degree preferred
- 3+ years echocardiography experience in a hospital setting with active certification (RDCS, RCS) required
- 2+ years vascular sonography experience with active certification (RVT, RVS) preferred, not required
- Prior clinical research experience within an academic or industry setting

SKILLS REQUIRED:

- Extensive clinical knowledge of pathologies, treatments, and imaging assessments with echocardiography
- Mastery in acquiring 2D, m-mode, spectral and color Doppler, Pedoff, 3D, strain, agitated saline, and contrast-enhanced echocardiographic imaging (TTE, TEE, Stress)
- Proficient in performing measurements and writing preliminary analysis reports
- Knowledgeable in relevant scientific literature and imaging society guidelines
- Adept at acquiring technical knowledge through personal research and self-directed study
- Solid analytical and practical problem-solving skills
- Exceptional attention to detail and orientation toward meticulous work
- Excellent written and verbal communication, presentation, and client service skills
- Effective time management, organizational, and leadership skills
- Ability to work independently and in a team environment with minimal supervision
- Familiarity with multiple image acquisition and analysis systems
- Computer literate with ability to sit at a workstation for extended period of time, including experience using PACS and Microsoft Suite (Outlook, PowerPoint, Excel, Word)

SKILLS STRONGLY PREFERRED:

- Extensive clinical knowledge of pathologies, treatments, and imaging assessments with vascular sonography

- Skilled in vascular scanning technique for a variety of exams such as peripheral venous and arterial exams, extra cranial cerebrovascular exams, visceral vascular, renal vascular exams, etc.
- Knowledgeable in transesophageal echocardiography image protocols, acquisition and quantification and experience assisting in Hybrid OR / OR cases
- 3D imaging and quantification via multiple software platforms and modalities for various assessments/pathologies including, EF, MR, LAA, IAS
- Familiarity with image acquisition for and performance and analysis of RV and LV Strain via multiple software platforms
- Knowledgeable in complex congenital heart disease related to echocardiography
- Experience with DigiView, TomTec, Philips 3DQA, and/or GE EchoPAC quantitative tools
- Additional credentials preferred: ACS, FASE, FE, PE, and/or RCCS

COMPANY & COMPENSATION:

- Medical Metrics Inc. (MMI) is a fast-growing, independent imaging core laboratory and medical imaging solutions company based in Houston, TX. MMI provides image analysis and consulting services to medical device, biologics, and pharmaceutical companies in support of their clinical trials and product R&D.
- Competitive salary, commensurate with experience and qualifications

For further information, please contact:

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