



North Metropolitan Health Service  
**Job Description Form**

HSS Registered

**Senior Sonographer**  
**Health Salaried Officers Agreement : Level P-2**  
**Position Number: 000233**  
**Cardiovascular Medicine Department / Medical Specialties Division**  
**Sir Charles Gairdner Hospital / North Metropolitan Health Service**

**Reporting Relationships**

Head of Department, Cardiovascular Medicine  
 MP Year 1-9  
 Position Number: 006562



Supervisor Sonographer  
 HSO Level P-3  
 Position Number: 008033



**This Position**



← Also reporting to this supervisor:

- Nil

Directly reporting to this position:			Other positions under control
<b>Title</b>	<b>Classification</b>	<b>FTE</b>	<ul style="list-style-type: none"> <li>• Nil</li> </ul>

**Prime Function / Key Responsibilities**

Provide, maintain and operate an Echocardiography Laboratory service for the assessment of patients with known or suspected heart disease. Undertake a continuing responsibility for quality control of echocardiographic techniques and patient care.

## Brief Summary of Duties

### 1. Clinical

- 1.1. Perform a thorough echocardiographic examination, involving 2D, M-mode, colour flow and Doppler, for adequate interpretation by a Cardiologist.
- 1.2. Perform measurements and calculations from multiple views, providing a detailed preliminary report.
- 1.3. Assist with transoesophageal studies, including patient preparations, patient care and probe sterilization.
- 1.4. Perform certain diagnostic interventions, including pharmacological intervention, stress and contrast echo.

### 2. Management/Supervisory

- 2.1 Plan, implement and control the day to day activities of the echocardiography laboratory.
- 2.2 Appraises staff performances.
- 2.3 Assist in staff recruitment for the echo laboratory.
- 2.4 Maintain and provide awareness of safety techniques, infection control, sterilization techniques and occupational safety.
- 2.5 Liaise with medical companies and the medical head of echo re: selection and purchase of equipment.
- 2.6 Liaise with maintenance personnel for optimal equipment performance.
- 2.7 Maintain an adequate supply of equipment and stores.
- 2.8 Prepare and maintain monthly statistics.
- 2.9 Maintain quality control of the echocardiography laboratory.
- 2.10 Liaise with medical and nursing staff re: echocardiography findings.

### 3. Education/Research

- 3.1 Perform and control education of fellow cardiac scientists and medical staff in the area of echo.
- 3.2 Involvement in the weekly CVM Department lectures and education of nursing staff re: echo procedures.
- 3.3 Continually review latest developments and findings in the area of echocardiography.
- 3.4 Implement and assist with all research and clinical trials involving the use of echocardiography.
- 3.5 Assist with data analysis for research and clinical

### 4. NMHS Governance, Safety and Quality Requirements

- 4.1. Participates in the maintenance of a safe work environment.
- 4.2. Participates in an annual performance development review.
- 4.3. Supports the delivery of safe patient care and the consumers' experience including participation in continuous quality improvement activities in accordance with the requirements of the National Safety and Quality Health Service Standards and other recognised health standards.
- 4.4. Completes mandatory training (including safety and quality training) as relevant to role.
- 4.5. Performs duties in accordance with Government, WA Health, North Metropolitan Health Service and Departmental / Program specific policies and procedures.
- 4.6. Abides by the WA Health Code of Conduct, Occupational Safety and Health legislation, the Disability Services Act and the Equal Opportunity Act.

### 5. Undertakes other duties as directed.

## Work Related Requirements

### Essential Selection Criteria

1. Tertiary Qualification in a related health/science field with an ASAR accredited qualification in sonography and listed on the Australian Sonographer Accreditation Registry (ASAR) as an accredited medical sonographer in the relevant field.
2. Diploma in Medical Ultrasound (Cardiology) or an equivalent qualification.
3. Experience in echocardiography, including Doppler, colour flow and transoesophageal echocardiography.
4. Thorough background and understanding in cardiac anatomy, haemodynamics and pathophysiology of acquired and congenital heart disease.
5. Working knowledge of ECG, chest X-rays, and cardiopulmonary haemodynamics to facilitate the interpretation of echo Doppler studies.
6. Knowledge of current cardiopulmonary resuscitation techniques.
7. Caring, reassuring personal approach to patients.
8. Proven written and verbal communication skills.

### Desirable Selection Criteria

1. Membership of the Cardiac Society of Australia and New Zealand.
2. Membership of the Australian Society for Ultrasound in Medicine.
3. Past involvement and understanding of research and clinical trial procedures.
4. Previous experience in congenital cardiac ultrasound.
5. Ability to operate computer based technology and perform analyses with computer programs.
6. Relevant experience in a teaching hospital.
7. Current knowledge and commitment to Equal Opportunity in all aspects of employment and service delivery.

### Appointment Prerequisites

Appointment is subject to:

- Evidence of listing on the Australian Sonographer Accreditation Registry (ASAR) as an accredited medical sonographer in the relevant field.
- Completion of 100 Point Identification Check.
- Successful Criminal Record Screening Clearance.
- Successful Pre-Employment Integrity Check.
- Successful Pre-Employment Health Assessment.

## Certification

The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

### Manager/Supervisor

Name: Lyle Lansdown  
Signature:HE48234  
Date:24/08/2017

### Dept./Division Head

Name: Dr Paul Stobie  
Signature:HE45146  
Date:24/08/2017

### Position Occupant

Name:  
Signature:  
Date: