



HSS Registered

Clinical Technologist Critical Care
Health Salaried Officers Agreement: Level G3/4
Position Number: 102139
Intensive Care Unit / Service 4
Royal Perth Hospital / East Metropolitan Health Service

Reporting Relationships

Head of Department, Intensive Care Unit
MP Year 1-9
Position Number: 602555



Senior Clinical Technologist
HSO Level: 7
Position Number: 601243



This Position



Directly reporting to this position:

Title	Classification	FTE
• Nil		

Also reporting to this supervisor:

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Key Responsibilities

Provide advanced level of support with the application of respiratory equipment and assistive devices in the acute areas of RPH. Decontamination, preparation, maintenance of respiratory and other equipment used in the ICU.

Brief Summary of Duties

1. Clinical

- 1.1 Ensures correct application of all respiratory related equipment for patient safety, including setting up more complex models of ventilation and various modes of ventilatory assistance as directed by medical staff.
- 1.2 Establishes patients on inhaled pulmonary vasodilator therapy e.g. Nitric Oxide Therapy on the Intensive Care Unit, Cardiology Department and the Coronary Care Unit. This includes equipment setup, calibration and dose titration studies to achieve optimal response.
- 1.3 Preparation and set up for Percutaneous Dilational Tracheostomy Procedure. Scrub and assist with the instrumentation including the set up and use of electrosurgical diathermy. Assist the medical staff with the withdrawal of endotracheal tube and assist in the placement of video bronchoscope to view needle insertion site and viewing the tracheal wall during dilation.
- 1.4 Preparation and set up for Bronchoscopy procedures. Assist both the Intensivist and Respiratory Physicians with broncho-alveolar washings, brushings for slide preparations, needle biopsy specimens and placement of endobronchial blocker catheters.
- 1.5 Assists the consultants with difficult airway management procedures including Fiberoptic Intubation and Manujet III ventilation. Checks and re-stocks this equipment after use.
- 1.6 Applies Non-Invasive ventilation CPAP, BiPAP, High Flow Oxygen systems on wards throughout RPH when requested by medical staff.
- 1.7 Assists Senior Clinical Technologist in showing staff the correct function and operation of all respiratory related equipment.
- 1.8 Maintains, calibrates and perform daily functional checks on all ventilators, Nitric Oxide delivery systems prior to clinical use. Trouble shoots ventilator problems and rectifies problems during patient ventilation.

2. Thermal and Chemical Decontamination

- 2.1 Performs thermal and chemical decontamination of respiratory related equipment, correct reassembly and safety inspection prior to clinical reuse as directed by the Senior Clinical Technologist.

3. ICU Stat Laboratory Radiometer ABL 820 Blood Gas Analysers

- 3.1 Carries out daily calibration, maintenance schedule programs, daily quality controls process both external quality controls for blood gas program at Flinders Medical Centre Adelaide and internal quality controls sent via the Biochemistry Department's Quality Assurance Program. Reports any discrepancy to the Senior Clinical Technologist.
- 3.2 Obtains and processes specimens ensuring correct handling to reduce pre-analytical errors. Assist the Senior Clinical Technologist in teaching all levels of staff in the correct processing of specimens.
- 3.3 Troubleshoots the instruments, rectifying problems, changing electrode membranes and solutions to provide 24hr operational status. Reports any major problems to the Senior Clinical Technologist.

4. Thromboelastograph (TEG) Hemostasis Analyser

- 4.1 Performs biological controls and calibration prior to clinical use and process specimens as requested by medical staff.

5. Centrifuge

- 5.1 Process specimens when an abnormal elevated potassium level is recorded during ABG to identify haemolysed specimens.

6. Other

- 6.1 Assist in the control of all respiratory related equipment recording issue and use within the section as directed by the Senior Clinical Technologist.
- 6.2 Orders internal stock items and keeps accurate records.
- 6.3 Assists in the evaluation and application of new respiratory related equipment.
- 6.4 Records statistics and clinical data related to research.
- 6.5 Participates in Performance Development and Quality Activities.
- 6.6 Performs duties in accordance with EMHS policies and procedures, WA Health Code of Conduct and other relevant legislation.
- 6.7 Any other relevant duties as requested by the Head of Department.

7. EMHS Governance, Safety and Quality Requirements

- 7.1. Participates in the maintenance of a safe work environment.
- 7.2. Participates in an annual performance development review.
- 7.3. 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.
- 7.4. Completes mandatory training (including safety and quality training) as relevant to role.
- 7.5. Performs duties in accordance with Government, WA Health, East Metropolitan Health Service and Departmental / Program specific policies and procedures.
- 7.6. Abides by the WA Health Code of Conduct, Occupational Safety and Health legislation, the Disability Services Act and the Equal Opportunity Act.

8. Undertakes other duties as directed.

Work Related Requirements

Essential Selection Criteria

1. Extensive experience within a critical care environment in a major teaching hospital.
2. Extensive clinical experience in ventilatory therapy, techniques and devices within a critical care environment. Demonstrated knowledge of thermal and chemical decontamination procedures.
3. Proven ability to plan and deliver education and training to all levels of clinical staff.
4. Demonstrated good communication, interpersonal and negotiation skills, including the ability to liaise with staff at all levels.
5. Demonstrated experience with health related equipment procurement.
6. Familiarity with laboratory procedures, blood gas analysers, processing of specimens, fiberoptic bronchoscopy procedures, transoesophageal echocardiography, percutaneous tracheostomy, and related safety standards.
7. Demonstrated supervisory skills and ability to work as part of a team.

Desirable Selection Criteria

1. Demonstrated commitment to ongoing professional development.
2. Qualification in respiratory therapy, health science, health or a related subject area.

Appointment Prerequisites

Appointment is subject to:

- Working With Children (WWC) Check, compulsory check for people who carry out child-related work in Western Australia.
- 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	Signature or	HE Number	Date
Dept. / Division Head Name	Signature or	HE Number	Date

As Occupant of the position I have noted the statement of duties, responsibilities and other requirements as detailed in this document.

Occupant Name	Signature or	HE Number	Date
Effective Date			

HSS Registration Details (to be completed by HSS)			
Created on	Last Updated on	JULY 2018	