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Applies To: All Respiratory Staff	Index No: SOS-000- Respiratory Care
Issue date: January 05 , 2025	Effective date: February 19 , 2025
	Review date: February 19 , 2028

1. Scope Of Service:

1.1 Description of Department:

The department is committed to providing high quality patient care in the most efficient and effective manner. The Respiratory Care Services Department provides respiratory services in Emergency, Critical Care and General Ward areas.

1.1.1 Mission:

1.1.1.1 Provide health care of high-quality manner that preserves the rights of patient and their family. Improve outcomes of care provided through upgrading of staff through training and continuing education.

1.1.1.2 We are committed to deliver the highest quality of respiratory care because the needs of our patients come first.

1.1.2 Goals:

- 1.1.2.1 Support the MCH mission by providing optimum patient care in cost effective manner to provide full coverage of services for diagnostic, therapeutic and interventional procedure to maintain state of the art modern equipment to enhance the quality of patient care.
- 1.1.2.2 Continuous promotion of high-quality care.
- 1.1.2.3 To save life and prevent diseases and disability.
- 1.1.2.4 Continues education and promoting teamwork.

1.2 The Range of Services Offered By The Department:

- 1.2.1 NICU patients whom is delivered in the hospital or transferred from other hospital.
- 1.2.2 PICU patients whom is delivered in the hospital or transferred from other hospital.
- 1.2.3 Pediatric patients in IMC whom have respiratory issues and might be admitted to PICU.
- 1.2.4 Code blues and rapid response team in critical areas, wards and ER.

1.3 Targeted Age Groups:

- 1.3.1 Adult Female OB-GYNE patient, Pediatrics and Newborns.

1.4 The Number of Patient seen Annually (for the year 2024):

- 1.4.1 Total Number of NICU/PICU approximately: 1000



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3.1 Internal Customers:

- 3.1.1 Obstetrics-Gynecology Department.
- 3.1.2 Pediatric Department.
- 3.1.3 Pediatric Emergency Department
- 3.1.4 Pediatric Surgery Department.
- 3.1.5 Neonatology Department

3.2 External Customers:

- 3.2.1 All OB-GYNE female patient, Pediatric patients, Neonates and Infants, referred from PHCs in our region or referred from other hospital that can be served by MCH scope.

4. Working Days And Working Hours:

- 4.1 The services provided: 24 hours a day, 7 days a week.
- 4.2 Each shifts render 12 hours of duty completing 192 hours in a month

5. Departmental Committees and Meetings:

- 5.1 Department Staff Meeting.
- 5.2 Participate in The Hospital Committees.

6. Support Service:

- 6.1 All Hospital Department (e.g. Radiology , Laboratory & Blood Bank, Medical Record, Referral, Pharmaceutical Care, Medical Supplies, Biomedical Maintenance, Social Services, Nursing and Mortuary Departments.....)

7. Regulatory Agencies:

- 7.1 Ministry of Health (MOH) In Saudi Arabia.
- 7.2 Saudi Council for Health Specialties.

8. Departmental Challenges and Improvement Initiatives:

8.1 Challenges :

- 8.1.1 Challenges include the increase in population of Hafr Albatin, which is reflected in the increased number of admissions, operations and operative services without expanding the capacity of Operating Rooms, PACU beds or Man Power.



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1.5 The Principal Diagnostics and Therapeutic Modalities :

1.5.1 Diagnostics:

- 1.5.1.1 Receiving order for Respiratory care.
- 1.5.1.2 Perform Assessment
- 1.5.1.3 Establish desired treatment
- 1.5.1.4 Evaluate and select proper treatment
- 1.5.1.5 Notify Physician/Consultant
- 1.5.1.6 Deliver Respiratory therapy
- 1.5.1.7 Monitor, modify and re-evaluate patient response
- 1.5.1.8 Chart in patient medical file

1.5.2 Therapeutics:

- 1.5.2.1 Oxygen therapy
- 1.5.2.2 Arterial/Capillary blood gas sampling
- 1.5.2.3 Care of patients on mechanical ventilator
- 1.5.2.4 Non-invasive mechanical ventilator (Bipap/Cpap)
- 1.5.2.5 Assisting in Endotracheal intubation
- 1.5.2.6 Extubation
- 1.5.2.7 Weaning patient from mechanical ventilator
- 1.5.2.8 Patient transportation (Newport HT-70/oxylog)
- 1.5.2.9 High Frequency Oscillatory Ventilation
- 1.5.2.9 Pulmonary Function Test
- 1.5.2.10 Dealing with open-cases of Pulmonary Tuberculosis
- 1.5.2.11 Nitrous Oxide Inhalation

1.5.3 Other Services:

- 1.5.3.1 MRI
- 1.5.3.2 CT – SCAN
- 1.5.3.3 X – RAY
- 1.5.3.4 Laboratory Test

2. Key Performance Indicators (KPIs) Developed And Monitored By The Department:

- 2.1 Re-inubation within 48 hours
- 2.2 Accidental/Self extubation
- 2.3 Mechanical Ventilator Length of stay

3. Construct a Communication Chart (Identify Internal, External Customer)



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8.2 Improvement Initiatives :

8.2.1 Willing to improve Staff number to provide more efficient services in all the MCH hospital .

APPROVAL:

	Name	Title	Signature	Date
PREPARED BY:	MR.HASSAN ALDAKHIL	HEAD OF DEPARTMENT		JANUARY 05, 2025
REVIEWED BY:	DR.SHAIMAA BAYOUMI	ASSISSTANT MEDICAL DIRECTOR FOR MEDICAL QUALITY		JANUARY 07, 2025
REVIEWED BY:	DR.TAMER NAGUIB	MEDICAL DIRECTOR		JANUARY 08, 2025
APPROVED BY:	MR. FAHAD HEZAM ALSHAMMARI	HOSPITAL DIRECTOR		FEBRUARY 19, 2025