



MERLIN K WILSON

RESPIRATORY THERAPIST

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ABOUT MYSELF

To utilize the knowledge I obtained from my education and integrate it with the experience i gained during my career optimally, which will yield the twin benefit of job satisfaction and professional growth.

EXPERIENCE

Worked as an intern at Kasturba medical college, Manipal
(1 year)

EDUCATION

- 2019-23** BSc Respiratory therapy
Manipal college of health professions(2019-2023)
CGPA - 7.9
- 2019** St Anthony's higher secondary school,Mala - 89%
- 2017** St Joseph's higher secondary school,Aloor - 90%

PROFESSIONAL SKILLS

- Baseline assessment of patients with history taking and monitoring of vital signs.
- Bronchodilator Therapy (nebulizers, meter dose inhalers and Ultrasonic nebulizers) to provide nebulization and inhaler therapy for ventilated and non- ventilated patients.

Languages

- English
- Malayalam
- Hindi

Personal skills

- Excellent verbal and written communication skills.
- Ability to deal with people diplomatically.
- Willingness to learn more and Team Spirit.
- Dedication in work.
- Ability to adapt quickly to constant changes related to all aspects of the work .
- Capable of understanding job needs and translating them into quality solutions.
- Good marketing strategies in business aspects if necessary at the workplace.

- Oxygen Therapy: Use of all oxygen therapy devices, proper handling and care of devices, monitoring of requirement of oxygen and weaning.
- Endotracheal Intubation: Intubation procedure, Assisting intubation and endotracheal suctioning.
- Tracheostomy: Assisting tracheostomy and tracheostomy care.
- Mechanical Ventilation: Calibration, Initiation of mechanical ventilation in every respiratory disease in adults, neonates and pediatrics.
- Making necessary ventilator changes according to the conditions, troubleshooting, weaning from mechanical ventilation and use of all conventional and unconventional mode of ventilation.
- Arterial blood gas: Procedure of arterial blood gas
- sampling, Interpretation of Arterial Blood Gas and treatment planning.
- Airway Maintenance (placement of artificial airways) and care of ICD tube, special airways.
- Pulmonary function testing: Testing and Interpretation of results.
- Principles and use of the pulse oximeter, capnometer, defibrillator.
- Been a part of code blue, basic life support and advanced cardiac life support team.
- Basic chest X-ray interpretation.
- Endotracheal extubation: Extubation of endotracheal tube.
- Bronchial hygiene therapy including aerosolized medication humidified medical gas therapy, steam inhalation, postural drainage, percussion, chest
- vibrations, deep breathing exercises, airway suctioning and artificial cough maneuvers.
- Proper use of noninvasive mechanical ventilation, weaning and troubleshooting.
- Assist in Bronchoscopy.
- Worked as a part of a team of physicians, nurses and other healthcare professionals to manage patientcare.
- Part of neonatal resuscitation team in normal delivery and LSCS.

WORK EXPERIENCE

Clinical exposure in the following intensive care units (ICU) and wards:

- Multidisciplinary ICU
- Cardiac ICU
- Medical ICU
- Neuro ICU
- Trauma and emergency
- Neonatal ICU
- Paediatric ICU
- Pulmonary medicine ward
- Operation theatre
- Covid Isolation ICU

COURSERA Certifications

- **Mind control : Managing your mental health during COVID-19**
University Of Toronto-95%
- **COVID-19 : What You Need to know**
Osmosis-100%

References

Mrs. Pratibha Todur
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CERTIFIED COURSES

- Certificate of completion of BASIC LIFE SUPPORT (BLS) training module conducted at medical simulation center, Manipal in the year 2020.
- Certificate of completion of ADVANCED CARDIAC LIFE SUPPORT (ACLS) training module conducted at medical simulation center, Manipal in the year 2022.

CONFERENCES, WORKSHOPS AND PROJECTS

- Actively participated in RESCARE 2022, 15th National Conference of the Indian Association of Respiratory Care (IARC) held at KOCHI-INDIA
- Attended 'WORLD RESPIRATORY CARE WEEK' held in Kasturba hospital in October 2019, 2020 and 2022.
- Attended IARC-MCHP collaborative E-core Fundamentals of Respiratory Care in Covid-19 on 19th and 20th June, 2021
- Project and presentation on topic : Comparison of T-tube weaning and PSV for weaning of mechanically ventilated intubated patients with COPD under the guidance of Mr Binoy K Kuriakose (2022)

I, Merlin K Wilson, hereby declare that the above furnished information is true to the best of my knowledge and belief.