

## KIRAN TOMY

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Punnodath House, Payyavoor P.O, Kannur District, PIN - 670633,  
Kerala, India.



### OBJECTIVE

Career oriented position as a Respiratory Therapist which will utilise current skills and ability, while providing professional challenges and growth.



### EDUCATION

#### B.Sc Respiratory Therapy

2017 - 2021

Kasturba Medical College/Manipal University

6.49 CGPA

#### Higher Secondary Education

2015 - 2017

Sacred Heart Higher Secondary School, Payyavoor

75% marks

#### 10TH GRADE

2014 - 2015

Sacred Heart Higher Secondary School, Payyavoor

83% marks



### EXPERIENCE

#### Respiratory Therapy Internship at Kasturba Medical College, Mangalore

September 2020 - September 2021

Worked as a Respiratory Therapist with postings in :

- Adult Intensive Care Unit
- Neonatal Intensive Care Unit
- Pulmonary Function Testing Lab
- Casualty



### PROFESSIONAL SKILLS

- Ventilators : Initial setup of conventional ventilators and non invasive ventilators including its calibration and troubleshooting.
- Initiation and weaning of ventilators.
- Assisting Intubation.
- Ventilator and ICU equipments maintenance.
- To maintain respiratory monitoring sheet for patients on mechanical ventilation.
- Proper initiation and usage of oxygen therapy devices.
- Airway maintenance (placement of artificial airways).
- Arterial blood gases (sampling and interpretation).

- Bronchial hygiene therapy including aerosolized medication, humidified medical gas therapy, postural drainage, percussion, chest vibration, airway suctioning and cuff pressure management.
- Pulmonary Function Tests (testing and interpretation of results).
- Bronchodilator therapy (nebulizers, metered dose inhalers, ultrasonic nebulizers) to provide nebulization and inhaler therapy for ventilated patients.
- Principles and use of pulse oximeter, capnometer, oxygen analyzer, defibrillator.
- Reading chest radiographs and electrocardiogram.
- Basic and advanced cardio-pulmonary resuscitation and to assist the duty doctor during CPR of the patients in the ICU or elsewhere in the hospital on activation of code blue.
- Non invasive ventilation.
- Educate patients and their families about the disease conditions, the management techniques such as breathing exercises and the use of medications and respiratory equipments.
- Work as a part of team of physicians, nurses and other health care professionals to manage patient care.



## PROJECTS

I have completed projects on the topic :

**PULMONARY DISEASES**

**PULMONARY DIAGNOSTICS**

**ADRENERGIC BRONCHODILATORS**

**SPONTANEOUS BREATHING TRIAL IN EXTUBATION OF MECHANICALLY VENTILATED PATIENTS**



## CONFERENCES & WORKSHOPS

Active participant in "The World Respiratory Care Week" held at Kasturba Medical College, Attavar, Mangalore on October 2017, 2018, 2019.

Attended a workshop - "Skills on Respiratory Care Equipments" held at Kasturba Medical College, Attavar, Mangalore on October 2018.

Organized an event on "World lung day" by educating people on MDI administration held at Kasturba Medical College, Attavar, Mangalore on September 25th 2019.

Attended "13th National Conference of Indian Association of Respiratory Care" on 15th and 16th November 2019 held at A.J Institute of Medical Sciences, Mangalore.



## REFERENCE

**Dr. Shaila S Kamath - "Kasturba Medical College, Mangalore"**

Professor and Head - Department of Anaesthesiology

shaila.kamath@manipal.edu

+91 9844090231

**Mr. Abhishek Vaidya - "Kasturba Medical College, Mangalore"**

Assistant Professor, Department of Respiratory Therapy

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 **DECLARATION**

I hereby declare that all the information given in the CURRICULUM VITAE is true and accurate.It's the fair reflection of my ability.

Place : Kannur,Kerala.

Yours faithfully,

Kiran Tomy.