

# RIYA RAJU

## Respiratory Therapist



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Pathanamthitta Kerala 689545  
23/01/2001

### ★ OBJECTIVE

An enthusiastic professional looking for an opportunity as a Respiratory Therapist where i can use my clinical skills and knowledge for the betterment of the organization's goals.

### ★ EQUIPMENTS HANDLED

- # Ventilators - Drager, Maquet, Mindray, Engstrom Carestation, Bella Vista, Hamilton.
- # Transport ventilators.
- # Hemodynamic monitors.
- # Defibrillator.
- # Nebulizer.
- # incentive spirometry.
- # pulse oximeter.
- # stethoscope.
- # sphygmomanometer.
- # cuff pressure manometer.
- # Laryngoscope and blades.
- # spirometer.

### EDUCATION

**Bsc Respiratory Therapy -  
Rajiv Gandhi University**  
AJ Institute Of Medical  
Science-2019-2020  
Mangalore|Karnataka

**Kerala Board Of Higher Secondary Education**  
St.Behanans HSS (12th Grade)  
2017 – 2019| Vennikulam| Kerala

**Central Board Of Secondary Education**  
Carmel Convent English medium  
school (10 th grade)  
2016 – 2017 | Thadiyoor | Kerala

### ★ SKILLS

- # Airway management of all intubated and tracheostomy patients.
- # Assisting with intubation and performing extubation procedure.
- # Initiation of mechanical ventilators and non invasive ventilators including calibrations and troubleshooting making various ventilator changes according to patient condition.
- # Weaning protocol of mechanical ventilators.
- # General physical examination of patients.
- # Attending rounds for respiratory plan.
- # Inhalation therapy ( nebulisation, MDI, DPI) and humidification.
- # Oxygen therapy: Delivering oxygen via various devices
- # Lung recruitment therapy
- # Interpreting chest - X- rays and other procedures.
- # Arterial blood gas sampling, interpretation and Treatment planing
- # Transporting mechanically ventilated patients.
- # Educating patients on use of inhalers, incentive spirometry, CPAP and BIPAP therapy.
- # Sputum sample collection for diagnostic purpose.
- # Attending code blue and performing basic life support and advanced cardiac life support.
- # Assisting Diagnostic procedure like bronchoscopy.
- # Bronchial hygiene therapy including Aerosolized medication, humidified medical gas therapy, steam inhalation, postrual drainage ,chest physiotherapy, deep breath in exercises.
- # Attending code blue and performing basic life support.
- # Principles and use of pulse oximeters, capnometer, defibrillation

## SPECIAL INTERESTS

- **Adult Respiratory Care**
- Management of Ventilator and Troubleshooting.
- Resuscitation and Advanced Life Support.
- Pulmonary Function Test, Sleep Study.
- Pulmonary Rehabilitation

## CORE COMPETENCIES

- # Respiratory therapy
- # mechanical ventilation.
- # Oxygen therapy.
- # Airway management.
- # Pulmonary Function testing..
- # Patient Assessment.
- # Therapeutic Care.
- # Aerosol drug Administration.
- # E/R Rapid response.

## PROFESSIONAL EXPERIENCE

**AJ Institute Of Medical Science**  
Respiratory Therapy Intern  
2023 – present | Mangalore

## LANGUAGES

- English
- Malayalam
- Hindi
- Kannada

## CLINICAL EXPOSURE IN THE FOLLOWING ICUS

- Medical ICU
- Surgical ICU
- Cardiac ICU
- Neonatal ICU
- Pulmonary OPD and PFT
- Pulmonary ward
- Casualty

## NATIONAL CONFERENCE/WORKSHOPS

- \*13th National conference of Indian of respiratory care(IARC) Rescare '19 held at AJIMS, Mangalore,Nov 15-16 2019.
- \*14 th National conference of indian association of respiratory care Rescare'21 held at virtually on Nov 12-14 th 2021
- \* CME on obstructive Airway Diseases,held at AJIMS on 24-12-2021
- \* 16 th National conference of indian association of respiratory care Rescare'23 on OCT 6-8 th 2023
- \* Webinar on polysomnography conducted by Maharashtra regional committee under IARC held at virtually on Nov 26 th 2023

## REFERENCES

**Dr.Sudhesh Rao**, *Anesthesiologist and Intensivist*,  
AJ Institute Of Medical Science  
9880933503

**Mr Praveen jacob**, *Professor/ Respiratory Therapist*,  
AJ Institute Of Medical Science  
8667463420

**Ms .Abidas RJ**, *professor/Respiratory Clinical incharge*,  
AJ Institute Of Medical Science  
abidas1991@gmail.com, 9539934465

## DECLARATION

I Riya Raju, declare that the above mentioned details are known to my conscience are true.  
If you grant me an opportunity to serve your organization ,I shall work hard to prove my worth to all my authorities so as to achieve complete success and satisfaction  
Thanking you  
Yours faithfully  
Riya Raju