





CATHERINE LIYA KADATHUS

CONTACT ME AT

 Kudevassery (H)
Chelamattom,okkal p o
Perumbavoor
Kerala,india
Pin :683550

 liyakadathus@gmail.com

 +91 8089494615
+91 9746524595

PERSONAL PROFILE

Father Name: John

Mother Name: Tessy

Gender : Female

DOB: 14-07-1998

Religion: Anglo Indian

Language Known:
English,Malayalam,Tamil

CURRICULAM VITAE

RESPIRATORY THERAPIST

CAREER OBJECTIVE

I am seeking a challenging career in the field of Respiratory Therapy ,where I can apply my skills,maintain the highest level of integrity and ethical values and uphold the ideas of the organization. I count effective communication as one of my strength along with my flexibility to adapt to situations when required.

WORK EXPERIENCE

- Working as Respiratory Therapist at Amrita Institute of Medical Science(AIMS) Cochin since 17th August 2020
- 1 year clinical internship in Medical ICU,Adult and Pediatric cardiac ICU,Neonatal and Pediatric ICU,Gastro Intestinal ICU,Gastro Intestinal Transplant ICU,Head and Neck ICU,Sleep lab and Pulmonary Function Testing lab at Amrita Institute of Medical Science(AIMS) Cochin-682041,Kerala(India).

THESIS/PROJECT WORK

Topic : Preliminary observational study of diaphragm excursion and thickness in patients undergoing pediatric cardiac surgery.

CAREER SYNOPSIS

- Endotracheal intubation and assisting tracheotomy
- Mechanical ventilation initiation and maintenance
 - Ventilator :Initial setup of a conventional ventilators and non-invasive (including calibration and trouble shooting)of adult ,pediatric and neonates type.
 - Maintain the patient - ventilator synchrony during mechanical ventilation
 - Trained in disease specific ventilation which include :
 - COPD ventilation
 - Asthma Ventilation
 - ARDS Ventilation
 - Ventilation for neuromuscular disease.
 - Ventilation for head injury patients
 - Post-operative Ventilation

- **Mechanical ventilation weaning and extubation**
 - Involved in the assessment of the readiness of patient to weaning from mechanical ventilation.
 - Involved in the setting of weaning protocol.
 - Well trained in the extubation & decannulations
- **Post extubation care**

Involved in the management of the post extubated patients and minimize the risk of complication such as stridor, Laryngospasm & re intubation etc by optimizing the

 - Good chest physical therapy
 - Nebulization.
 - Incentive Spirometry
 - Breathing exercises
 - Psychological counseling
 - Early mobilization
 - Includes the assessment of the need of re-intubation.
- 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.
- Bronchodilator therapy (nebulizers, meter dose inhalers and Ultrasonic nebulizers) to provide nebulization and inhaler therapy for ventilated and non-ventilated patients.
- **Non invasive ventilation initiation and maintenance**
 - Involved in the initiation and maintenance of the patients on NIV and CPAP
 - Maintaining the adequate patient mask interphase.
 - Titration of the settings according to the ABG.
 - Asses the need for mechanical ventilation
- **PFT skills**
 - Our PFT lab is ATS (American Thoracic Society) Certified “A” Centre for Spirometry.
 - Spiro metric, DLCO, Lung Volumes (Testing and Interpretation of results).
 - Sleep study
- **Bronchoscopy & EBUS**
 - Well trained in assisting bronchoscopy EBUS & pleuroscopies.
 - Monitoring the patients during bronchoscopy and EBUS.
- **Others**
 - Principles and use of the pulse oximeter, capnometer, oxygen analyzer, defibrillator.
 - Oxygen therapy devices (both fixed and variable performance devices).
 - Well trained in assisting percutaneous tracheostomy.
 - Trained in Basics and advanced cardio pulmonary resuscitation (American Heart Association Guidelines) and to assist the duty doctor during CPR of patients in the ICU or elsewhere in the hospital on activation of code blue
 - Airway maintenance (placement of artificial airways) and care of ICD tube, tracheostomy tubes and special airways. (LMA, Combitube, Esophageal Obturator, Naso Pharyngeal & Oral Airways).
 - Arterial blood gases (sampling and interpretation).
 - Chest X-Ray Interpretations
 - Inter hospital & Intra Hospital transportation of the patient with transport ventilators
 - Pulmonary Rehabilitation
 - Educate patients and their families about their conditions and teach appropriate disease management techniques, such as breathing exercises and the use of medications and respiratory equipment
 - Work as part of a team of physicians, nurses and other health care professionals to manage patient care
 - Regular ward follow up.
 - Involved in Code MET team.

EQUIPMENT HANDLED

- **Ventilators** :- Maquet Servo - i, Maquet Servo - s, Hamilton Gallileo and Raphel, Engstrom Carestation, Flight Medical 60 transport ventilator
- **NIVs** :- Resmed 3 series, ST, STA, 2 series, Stellar (Resmed), Philips(Respironics) Vision, V60, Synchrony, Harmony, VPAP, WEINMANN medical technology Prisma25ST, Fisher & Paykel AIRVO2 (high flow device)

CONFERENCE, WORKSHOP AND SEMINARS ATTENDED

- Attended 11th National Respiratory Care Conference (RESCARE 2017) from 6th to 8th october 2017 held at AIMS,Kochi.
- Active participation in the WORLD RESPIRATORY CARE WEEK ,Tuberculosis Day and COPD Day held at AIMS in 2016,2017,2018 and 2019.
- Attended 15th National Respiratory Care Conference (RESCARE 2022) on Dec 2nd and 3rd held at Kochi,

ACADEMIC RECORD

- **Bachelor of Science in Respiratory Therapy** (B.S.c RT 2016 - 2020) - Amrita Institute of Medical Science & Research Centre (AIMS),Cochin,Kerala(India) , a four year degree course in the field of Respiratory Therapy,which includes one year compulsory internship.
- **12th STANDARD** - Amrita Vidyalayam ,Perumbavoor,Kerala.
- **10th STANDARD** - Amrita Vidyalayam,Perumbavoor,Kerala.

REFERENCES

- | | |
|---|---|
| <ul style="list-style-type: none">• Dr. Jerry Paul
Professor Dept.of Anesthesiology and Critical care
In charge of Respiratory Therapy
AIMS, Kochi
Email : drjerrypaul@gmail.com | <ul style="list-style-type: none">• Dr. Sreelakshmi
Assistant Professor
Dept.of Anesthesiology and Critical care
AIMS, Kochi
Ph : +91 9995863049 |
| <ul style="list-style-type: none">• Amrutha S Unnithan
Respiratory Therapist
AIMS, Kochi
Email : amruthasurt@gmail.com
Ph : +91 9961407815 | <ul style="list-style-type: none">• Megna Paulo
Respiratory Therapist
Canadian Specialist Hospital
Abuhail, Dubai
Email : megnapaulo@gmail.com
Ph : +971 566849752 |

DECLARATION

I hereby declare that the above given information is correct and true to the best of my knowledge .
If I were placed in your highly-regarded organization, I will perform my duties with the most sincerity and to your full satisfaction.

COCHIN

CATHERINE LIYA