

# RESUME

**U.SANDHIYA**

D/O UDHAYAKUMAR.V

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## CAREER OBJECTIVES

To excel in the field of Respiratory Care with challenging environment that encourages learning, creativity, provides exposure to new ideas and stimulates personal and professional growth with good patient care for the benefits of humanity and as a service of mankind.

## EDUCATIONAL QUALIFICATIONS

| COURSE                                                          | INSTITUTION                                     | YEAR OF PASSING | PERCENTAGE / GPA |
|-----------------------------------------------------------------|-------------------------------------------------|-----------------|------------------|
| <b>B.SC Allied Health Science (Respiratory Care Technology)</b> | Chettinad Hospital & Research Institute Chennai | 2018 – 2021     | <b>6.5 (GPA)</b> |
| <b>HSC</b>                                                      | Padma Adarsh higher secondary school            | 2016 - 2017     | <b>87%</b>       |
| <b>SSLC</b>                                                     | Padma Adarsh higher secondary school            | 2015            | <b>92.4%</b>     |

## **SKILL**

- ABG interpretation and sampling
- Airway Management, Patient Assessment
- Basic Therapeutics
- Bronchopulmonary Hygiene Techniques
- Cardiopulmonary Resuscitation
- Equipment Decontamination and Infection Control
- Humidity and Aerosol Therapy
- Oxygen and Medical Gas Therapy
- Pulmonary Function Testing
- Patient Safety and Record keeping
- Pulmonary Rehabilitation
- Respiratory Protocols
- Ventilation Management
- Teaching theory classes for first year, second year , third year of B.Sc respiratory care technology.

## **AREA OF INTEREST TO WORK AS**

- Respiratory Therapist in ICU's
- Pulmonary Rehabilitation
- Pulmonary ward
- Bronchoscopy room

### **IN INTENSIVE CARE UNIT ( ICU ) :**

- Assisting intracoastal drainage
- Basic life support ( CPR & AED)
- Assisting airway management ( Tracheal intubation and extubation )
- Post extubation care
- Medical gas therapy

### **IN REHABILITATION :**

- 1.Assisting Airway clearance like,
  - i. chest physiotherapy

- ii. postural drainage
- iii. Incentive spirometry

2.Assisting pulmonary rehabilitation in COPD,BRONCHIECTASIS,ILD,BRONCHIAL ASTHMA,POST TB patients.

3.Smoking cessation and nutritional assessment.

4.Psychological counselling

5.Six – minute walk test

6.Breathing exercise

OTHERS:

- ABG analysis.
- Chest xray interpretation
- IV line access
- Blood draw

## INTERNSHIP

- **Hospital Name:** Chettinad Hospital and Reserch Institute, Kelambakkam.
- **Department Name:** Respiratory Medicine
- **Role:** Routine posting in following areas at Chettinad Hospital and Research Institute.
  - Medical Intensive Care Unit
  - Pulmonary Ward
  - Pulmonary Rehabilitation
  - Bronchoscopy suite
  - Pulmonary Function and DLCO Lab
- **YEAR** – Jan 2021 to Sep 2021

## CONFERENCES,WORKSHOPS & CME

- Participated in “NSMC India Sleep - 2019” National Conference conducted by Indian society for Sleep Research , Lung Foundation of India and Department of Respiratory Medicine Held at Chettinad Hospital and Research Institute.
- Participated in Indian Association of Respiratory Care BREATHEASY 2020 in G Kuppusamy Naidu Memorial Hospital Coimbatore.

## EQUIPMENT HANDLING

- Spirometry
- DLCO
- Ventilators (*Maquet*, Siemens)
- Pulse oximeters
- Bronchoscope
- Oxygen Therapy Sources and Devices
- Defibrillator, Automated external defibrillator

## DISSERTATION:

Effects of indoor air pollution on respiratory health condition – a systematic review.

## REFERENCE

### 1. **Dr. N. Meenakshi,**

Professor and HOD ,  
Department of Respiratory Medicine,  
Chettinad Hospital and Research Institute, Kelambakkam.  
Mobile: +91 4447428241

## PERSONAL DETAILS

|                 |                                              |
|-----------------|----------------------------------------------|
| Name            | : U.Sandhiya                                 |
| Date Of Birth   | : 09-02-2000                                 |
| Gender          | : Female                                     |
| Father Name     | : V.Udhayakumar                              |
| Mother's Name   | : U.Jothilakshmi                             |
| Marital Status  | : Married                                    |
| Languages Known | : Tamil,English,Telugu                       |
| Nationality     | : Indian                                     |
| Address         | : 4/110,Palandi amman kovil street , Egatoor |

## **DECLARATION**

I declare that I will be a committed hard worker with willingness to update my knowledge in tune with the latest happenings in the field of technology.

I further declare that all the above information provided is true to the best of my knowledge.

**Place :Egattur**

**( U.Sandhiya )**

**Date :**