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Name : UMESH

E-Mail ID : UMESH.333479@2freemail.com

**Total years of Experiencee :** 13+ years

 **Area of Specialization :** Intensive Care Unit

|  |  |
| --- | --- |
|  |  EDUCATIONAL QUALIFICATION |
| **Qualification** | **Year**  | **University/ Board** | **Address** |
| BSc - Respiratory Care Technology | 1999-2003 | Sri Jayadeva Institute of Cardiology | SJICJayanagar 9th Block, Bannerghatta RoadBangalore - 560 069Karnataka, Indiai |
| ACLS & BLS | 2014 | American Heart Association | US |
| Diploma in Physiotherapy and Occupational therapy | 31/07/1999 | Krupanidhi Paramedical Institute | Krupanidhi collegeChikka Bellandur, Carmelaram Post,Varthur Hobli,Bangalore – 560 035 |
| PUC / 12th Std | 31/3/1997 | Krupanidhi college | Krupanidhi collegeChikka Bellandur, Carmelaram Post,Varthur Hobli,Bangalore – 560 035 |
| SSLC / 10th Std | 31/03/1995 | Devanga Sangha high School | Devanga Sangha high School Opp Geo Hotel, 1st Cross, Devanga Hostel Road, S.r. Nagar, Sampangiram Nagar, Bangalore – 560027 |

**Internship Details : 6 months**

Facility Name : Sri Jayadeva Institute of Cardiology
Date Started : 05/05/2003
Date Finished : 06/09/2003

**LICENSE DETAILS**

* **HAAD - Abudhabi License No :**

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|  |  |
| Professional Status | Respiratory Therapist |
|  |  |
| Registration Date | 10/09/2015 |
| Validity | 30/09/2017 |

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| --- | --- |
|  |  |
| Perfessional Status | **IARC** Valid |
| Registration Number |  |
| Registration Date | 06/07/2013 |
| Validity | Life Time |

**WORK EXPERIENCE**

1. Position**: RESPIRATORY THERAPIST**

Duration: **November 19th 2014 to Till date**

Company: **Hamad Medical Corporation**

Department: **Department of Respiratory Therapy**

Location:  **Doha, Qatar**

1. Position**: SENIOR RESPIRATORY THERAPIST**

Duration: **March 14th  2014 to 24th September 2014**

Company: **Sakra World Hospital**

Department: **Department of Critical Care Medicine**

No.of Beds **300 Beds**

Location:  **Bangalore, Karnataka, India**

1. Position**: INCHARGE / CHEIF RESPIRATORY THERAPIST**

Duration: **May 2004 to March 2014**

Company: **Manipal Hospital**

Department: **Department of Critical Care Medicine**

No.of Beds **650 Beds**

Location:  **Bangalore, Karnataka, India**

1. Position: **RESPIRATORY THERAPIST**

Duration: **Oct 2003 to May 2004**

Company: **Mallige Medical Center**

Department: **Intensive Care unit**

No.of Beds **100 Beds**

Location: **Bangalore, Karnataka, India**

**ABOUT HAMAD GENERAL HOSPITAL – QATAR**

Hamad General Hospital is a modern, 603-bed facility providing highly specialized and complex care to the people of Qatar.​ Which is JCI accredited, it offers a wide range of medical care and clinical services, including trauma, emergency medicine, pediatrics, critical care, specialized and sub-specialized surgery, specialized medicine, laboratory medicine, diagnostic imaging and adult rehabilitation services. The hospital, which opened in 1982, provides expert inpatient care, a large Outpatient Department providing more than 65 specialty clinics, a highly developed Emergency Department, five intensive care units, eight operating theaters and a large pharmacy. Modern diagnostic facilities including laboratory, medicine, pathology and radiology facilities support all therapeutic services. The hospital’s Emergency Department is one of the busiest in the world. The Ambulance Service continues to serve Qatar’s population by providing round the clock emergency cover, including cover for special events across Qatar. The high standard Trauma Services received World Health Organization’s (WHO) recognition and the Trauma Center is working towards receiving accreditation status as a Level-1 trauma center.

**About Sakra World Hospital**

Sakra World Hospital is a multi-Super specialty hospital, in Bangalore. A flagship hospital, with 300 beds, which is the first step towards providing an infrastructure of 20,000 beds, pan India. A joint venture between Kirloskar, Toyota Tsusho, and Secom Hospitals Japan- Sakra World. The ICU is a 31 bedded unit (**MICU. SICU, NSICU), PICU/NICU** 12 beds and includes critically ill medical, surgical, trauma, neuro, cardiac and obstetric patients. Of these, approximately 2/3rd receive high-level intensive care comprising of life support therapy with mechanical ventilation, vasoactive agents and renal replacement therapy.

**About Manipal Hospital**

Manipal hospital is a level III referral facility in a 650 bedded multispecialty tertiary care corporate hospital in the city of Bangalore in South India which has been certified ISO 9001-2000 and NABH accredited for Clinical, Nursing, Diagnostics and allied areas. The **MICU** is a 26 bedded unit is approximately 1800 patients per annum and includes critically ill medical, surgical, trauma, neuro, cardiac and obstetric patients. **PICU/NICU** of 14/15 beds Of these, approximately 2/3rd receive high-level intensive care comprising of life support therapy with mechanical ventilation, vasoactive agents and renal replacement therapy. The unit records an occupancy rate of 95%, which is the highest among all acute care areas of our hospital.

**JOB DESCRIPTION:**

* Participates in recruitment and selection of respiratory therapists.
* Supports and provides direction for evidence-based practice by participating in and encouraging the respiratory therapy staff in evaluative research activities.
* Monitors and reports all patient care, safety, medication, technical and employee incidents.
* Coordinates all emergency responses.
* Develops patient care protocols.
* Evaluates patient care plans.
* Provides orientation, education and training as needed to respiratory therapists/nurses/doctors.
* Assures respiratory therapy staff competency and safety.
* Participates in the developing, reviewing, and updating of Respiratory Therapy policies and procedures relevant to the adults/pediatrics/neonatal population.
* Ensures quality control and proper auditing within the department in documentation, infection control, or other related matters.
* Monitors adherence to policy, procedures and practice guidelines.
* Coordinates the evaluation of products/ equipment.
* Coordinates and monitors departmental improvement projects.
* Assists and participating with all departmental clinical research projects.
* Provides input into departmental equipment selection and function.
* Assures safe and appropriate working environment.
* Liaises with the procurement team to ensure appropriate supply inventory.
* Participates in and/ or leads departmental and/ or multidisciplinary committees and meetings.
* Assures appropriate staff and respective skill level.
* Provides special attention for patients who require inhaled nitric oxide therapy and high frequency oscillatory ventilation.
* Serves as a role model for Respiratory Therapy; teaches, mentors, and coaches as necessary and develops direct reports to become preceptors.
* Participates in the promotion and maintenance of effective communication and teamwork. Treats colleagues, patients, and visitors with dignity and respect at all times.
* Actively welcomes and provides support for new staff/ students to the unit.
* Follows all Hospital related policies and procedures.
* Provision of ventilatory support.
* Oxygen Therapy (including oxygen mixtures and aerosol medication).
* Transporting patients within hospital and between hospitals.
* To transport of mechanically ventilated patients to OT/CT/MRI with appropriate equipments as required.
* To assist in intra ICU and inter ICU (i.e. from the other ICU’s) movements of patients.
* Breathing exercises (including manual and mechanical).
* Chest physical therapy and clearance of trachea bronchial secretions.
* Life saving emergencies (Victims of stroke, drawing, shock, heart failure and accidents).
* Primary member of Code Blue team.
* Pulmonary rehabilitation
* Member of MET/RRT Team (Medical Emergency Team).
* Conducting classes and teaching to Respiratory therapist, Doctors and Nurses **as educator.**
* Taking care of statistics works in the department.

**LIST OF PROCEDURES HANDLED**

* Arterial Line Insertion
* Venous Line Insertion
* Endotracheal Intubation
* Oral & Nasal Airway Insertion
* Percutaneous Tracheostomy
* Bronchoscopy
* Central Venous Catheter Insertion
* H D Catheter Insertion
* Pig Tail Catheter Insertion
* Ascitic Tapping

**CASES HANDLED**:

All Medical Cases like ARDS, Pneumonia, Pleural Effusion, COPD, Asthma, Pneumothorax, H1N1, Emphysema, Sepsis, Cardiac Cases like ACS,MI, Post-operative cases and surgical, trauma, neuro, cardiac and obstetric patients.

**EQUIPMENTS HANDLED**

* Sensormedics 3100A/B HFOV
* Siemens Servo – I
* Siemens Servo – S
* Siemens Servo 300
* Siemens Servo 900
* Bird ventilator
* Drager Evita 4 dura
* Drager Evita 2 dura
* Drager Savina
* Drager Oxylog 2000
* GE Engstrom
* Respiraonics Esprit
* Puritan Bennett 780
* Puritan Bennett 840
* Philips Non Invasive
* Resmed Non Invasive
* Philips Cardiac Monitors
* GE Cardiac Monitors
* EtCo2- Criticare Poet Teply
* EtCo2-EMCO 3400
* Defibrillator- Philips Heart Star XL
* Defibrillator- Hewlett Packard
* GE logiq US Machine
* Oxygen Hood
* High Flow Therapy
* Pentex Bronchoscope

**ACHIEVEMENTS: Published a book on 1st Edition of HAND BOOK OF MECHANICAL**

 **VENTILATION-2012 (By Jaypee Brothers)**

 **Published a book on 2st Edition of HAND BOOK OF MECHANICAL**

 **VENTILATION-2016 (By Jaypee Brothers)**

**ARTICLE : Real-time ultrasound-guided percutaneous dilatational tracheostomy.** [**European Journal of Intensive Care Medicine**](http://www.researchgate.net/journal/1432-1238_European_Journal_of_Intensive_Care_Medicine) **(impact factor: 5.17). Chacko J, Nikahat J, Gagan B, Umesh K, Ramanathan. Intensive Care Med. 2012 May;38(5):920-1. doi: 10.1007/s00134-012-2514-3.**

 **: Real-time ultrasound guided percutaneous dilatational tracheostomy with and without bronchoscopic control: an observational study: 2015 EDIZIONI MINERVA MEDICA - 2015 Feb;81(2):166-74.**

**SKILLS:**

Worked in different ICUs including the cardiac, neurological and burns. Trained to operate, interpret and maintain various modalities in different ICUs set for all age groups.

1. Ventilators: Initial set up of a conventional ventilators and noninvasive (including calibration and trouble shooting) of **adult, pediatric and neonatal** type.
2. Initiation and weaning mechanical ventilation.
3. Initiation and managing High frequency oscillatory ventilation (HFOV).
4. Respiratory therapy service to **PICU and NICU**.
5. Endotracheal Intubation and Percutaneous Tracheotomy.
6. Managing prone ventilation patients.
7. Ventilator and other ICU equipment maintenance.
8. To maintain respirator monitoring sheet for all patients.
9. Bronchoscopy and CVC,HD,ICD, Arterial line, Venous line insertion ‘etc’
10. Oxygen therapy devices (both fixed and variable performance devices).
11. Airway maintenance (placement of artificial airways) and care of ICD (Intercoastal Drainage), tracheotosmies and special airways like LMA, Combitube.
12. Bronchial hygiene therapy including aerosolized medication humidified medical gas therapy, steam inhalation, tilting, postural drainage, percussion, chest vibrations, deep breathing exercises, airway suctioning and artificial cough maneuvers.
13. Arterial blood gases (sampling and interpretation).
14. Pulmonary function test (testing and interpretation of results).
15. Bronchodilator therapy (nebulizers, meter dose inhalers and Ultrasonic nebulisation) to provide nebulizer and inhaler therapy for patients ventilated and non-ventilated.
16. Principles and use of the pulse oximeter, capnometer, oxygen analyzer, defibrillator.
17. Reading chest X-Rays and electrocardiograms.
18. Basic and advanced Cardio pulmonary and cerebral resuscitation to assist the duty doctor during CPR of patients in the ICU or elsewhere in the hospital on activation of a crash call.
19. Non-invasive ventilation like BIPAP, CPAP

**STRENGTHS:**

* Ability to communicate effectively.
* Ability to work in a group as well as independently with minimum supervision.
* Flexibility and adaptability to change.
* To give and seek directions and responsibility.
* To create an atmosphere of respect for the human personality and relationship.
* Optimistic nature- seeing at the brightest side of the things.

**PERSONAL DETAILS**

Date of Birth : 15-06-1978

Gender : Male

Nationality : Indian

Marital Status : Married (Spouse+ 2 Child)

Religion : Hindu

**Pass Port Details :**

Date of Issue : 02/04/2013

Date of Expiry : 01/04/2023

Place of Issue : Bangalore

I hereby certify that the above information are true and correct.

Place: Bangalore