CURRICULUM VITAE

ALEENA DENNIS

ANESTHESIA TECHNICIAN

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Personal Data

 Date of Birth : 24/02/2000
 Sex   : Female
 Nationality   : Indian
 Marital Status: Single
 Languages : English,
                 Tamil , Malayalam

Personal Strengths
 Loyal & committed Accepts Responsibility
Pleasing personality Leadership Qualities

Hobbies
 Listening to Music, Reading
 Dancing

OBJECTIVE

Ambitious, determined and self-motivated, young, Anesthesia technologist seeking a responsible and challenging position to utilize and enhance upon my skills and abilities in a multispecialty hospital with International standards

Professional Qualification

DIPLOMA IN ANAESTHESIA AND CRITICAL CARE TECHNOLOGY

 Institution: Lisie Hospital ,COCHIN,

 Kerala, India

 University:Christian Medical Association

 Of India

Duration   : 2 Year

Period   : August 2017-

 August 2019

Experience Summary

1 2 years of experience in a world class hospital (Aster Medicity)

2 Sound knowledge of aseptic and sterile techniques

3 Outstanding ability to establish and maintain good working relationships with other members of the health care team.

4 Capability to work in stressful circumstances

Work Experience Details

Currently working as a Anesthesia Technician at Aster Medicity, Cochin Kerala From 07/10/2019 onwards

Aster Medicity Cochin and one of the largest in the state of Kerala. It is owned and managed by ASTER DM HEALTHCARE, a Dubai based health care conglomerate founded by Dr. Azad MoopenIt was a large 670 bedded multispecialty hospital and 9 separated Centers of Excellence.

Aster Medicity is the first quaternary care hospital in Kerala to achieve the coveted JCI (Joint Commission International) accreditation the gold standard in global healthcare. Aster Medcity is also accredited by the NABH (National Accreditation Board for Hospital and Healthcare) and has won the first ever NABH award for Excellence in Nursing and Green OT (Green Operation Theatres), also accredited ISO 22000:2005, and ISO 9001:2008 all within one year of opening its door to the world.

Educational Qualifications

COURSE	UNIVERSITY/BOARD	YEAR
Diploma in Anesthesia and Critical Care Technology	Christian Medical Association Of India , Lisie Hospital , Kerala	2017-2019
PLus two	Higher secondary Board	2017
SSLC	Kerala state Education Board	2015

Academic Project : *A comparison of laryngeal mask airway and I-Gel for General anaesthesia.*

Clinical and Technical Skills

- *Maintain and organizes the anesthesia environment, equipment, supplies and personnel to facilitate department functions.*

- *Responsible for all anesthesia procedures, pharmacy, materials, and Equipment's related to anesthesia*

- *Patient Transfer and Post-Operative care and monitoring*

- *Communicate with other OT staff and In charge for better service and work as a team*

- *Follows the guidelines of hospital organization environment of care.*

- *Maintains the sterile supplies within the expiration date.*

- *Inventories, orders and maintains departmental supplies shock consistent with departmental demand.*

- *Maintain records of or has access to all preventive maintenance records.*

- *Maintain an inventory of equipment used by anaesthesia to track repairs, loans and demos.*

- *Provides orientation and training to new staff and personnel.*

- *Maintains pharmacy drugs within their expiration date and properly disposes of used drugs*

- *Provide peri operative technical support to anaesthesia providing staff for delivery of patient care.*

- *Follows accreditation policies and procedures sentinel events national accreditation goals, environment of care directly related to anaesthesia and patient safety.*

- *Maintains the availability of necessary equipment in each operating room*

- *Follow standard sterile precautions*

- *Prepares and assembles transducer lines and equipment necessary for invasive pressure monitoring as necessary on requested. Has working knowledge of hemodynamic and can perform cardiac calculations.*

- *Demonstrates detailed technical knowledge and trouble shooting ability for anesthesia delivery system, scavenger system, Gas analyzer, ECG, Pulse oximeter and rapid infusion devices.*

- *Makes available, assembles and assists with operation of specialized equipment such as humidification units; fibro optic endoscopic equipment, rapid infusion devices, neuromuscular devices; infusion pumps and syringes; balloon pump initial setups and TEE setup.*

- *Demonstrates speed and timeliness in all duties, particularly in preparation for emergencies and trauma procedures*

EQUIPMENTS HANDLED

- *Anesthesia Machine:Carestation 650C, Datex Ohmeda (Aisys), Datex Ohmeda (Aespire), DatexOhmeda (aestiva/5), Dragger (Spacelab) and Penlon*

AestivaAvance

- *Ventilator for anaesthesia machine 7000 and 7100*
- *ICU ventilators like Care scace, Dragger Savina, Bennet 840, Bennet 740, and Maquet*
- *Multi channel monitors; - Space labs, DatexOhmeda, Philips*
- *Continuous cardiac output Monitors (Edwards life Science)*
- *Flow-track Monitors Edwards (EV1000 Volume view monitor, Vigileo monitor, LIDCO)*
- *Thrombo Elasto Gram Analayzer (Haemoscope)*
- *Bair hugger warming system, over head warmers, fluid warming system (Hotline)*
- *Rapid pressure level infusion system*
- *Fiberoptic Bronchosocopes, Trans esophageal echocardiogram probe (TEE)*
- *Various airways equipment like ILMA, Proseal LMA, Combitubes, Double lumes tubes Bronchial blockers and Fogarty etc. Flexible tracheal tubes, Nasal RAE tubes, Oral RAE tubes, Univent tubes, LASER tubes, Micro laryngeal surgery tubes, Nimflex.*
- *Retrograde intubation set, Cricothyroidotomy set, tube exchangers and Bougie.*
- *Various oral and Nasal airways, face masks etc.*
- *Laryngoscopes:- Mackintosh, Millers, optical laryngoscope (Optical visualizers) Fibro-optic laryngoscopes.*
- *Different berating circuits like Jackson ree's circuit and Bain's circuit ETCO2 monitors :- (Space lab, Capno check, DatexOhmeda)*
- *Near Infrared Spectroscopy (NIRS)*
- *Bispectral Index monitor (BIS)*
- *Cmac video Laryngeoscope*
- *Nerve Stimulator Stimuplex HNS -12*
- *McGrath Mac enhanced direct laryngeoscope*
- *Arterial Blood Gas (ABG) Analysis machine*
- *Cmac adaptable fibroptic Bronchoscope*

- *Neuromuscular Transmission monitor (NMT)*
- *Defibrillators (code master, Philips)*
- *AEDS and Pace makers.*
- *Electro surgical unit (valley lab)*
- *Amsco steam Sterilizer*
- *Ultrasonic cleaner /washer*
- *Auto transfusion system*
- *Sonosite, Cx50 Ultrasound Machine*

CASES HANDLED

CASES HANDLED IN DIFFERENT DEPARTMENTS SUCH AS:-

Cardiothoracic, Neurosurgery , Orthopedics, Pediatric surgery, Ex-Utero intrapartum treatment (exit), Obstetrics, ENT, Oromaxillo facial Surgery,Oncology, Plastic surgery, Urology, Gastroenterology, Ophthalmology, Transplantation, emergency Trauma Care. Gynecology, Podiatry, General surgery and Robotic surgery.

OUTSIDE OPERATION THEATRES PROCEDURES

Hybrid Cathlab, Endoscopy, Radiation Oncology, Nuclear Medicine, Radiology, IVF Clinic, Pain and Palliative, PICC line insertion, ICP Monitoring, Labour Epidural, Multiple Drug allergy Test.

Problems faced an Anesthesia Technician

Difficult intubation in Obese patients, abnormalities of jaw, Faciomaxillary, trauma, patients with cervical disc problem,protruded tooth, restricted mouth opening etc

Rapid sequence Induction : *Full stomach patients, For emergency Gastric surgeries for*

pregnant patients

One lung Ventilation : *For lung procedures, Thoracic spine Surgeries, Oesophagealgastrectomy etc*

Hypotensive Anaesthesia : *Tympanoplasty, spine surgery, Neuro surgery etc.*

Blood/fluid loss and shock : *Trauma, Neurosurgery, liver and pancreatic surgery, open*

cardiac surgeries, Transplant surgeries etc.

BLs and ACLS : *Trauma victims Drug reaction ICU patients Intra operative*

causes like bleeding, Cardiac arrest etc.

CVP, ABP, PA, CCO & IABP : *Patients for major surgeries, Anticipating heart cardiac failurepatients,Opensurgeries etc.*

Transplant surgeries (Kidney and liver)

Treat the patients with ischemic heart diseases, Pneumolthorax Haemothorax, liver failure renal failure, COPD, bronchospasm, Laryngospasm etc.

Proficiency In

- *Maintaining current Basic Cardiac life support (BLS)*
- *Organize and co-ordinates the use of anesthesia personnel.*
- *Performing inspection and maintenance of the anesthesia gas delivery systems.*
- *Assisting the anesthesia provides with intra operative fluidmanagement including volume resuscitation.*
- *Purpose, use and care of Physiological monitor relating to theadministration of anaesthesia.*

- *Biological hazards, infection control and standard precautions*
- *Setting up and troubleshooting the intra aortic balloon pump*
- *Ethical and legal issues and responsibilities*
- *Demonstrates team leadership skills*
- *Demonstrates required management skills*
- *Participates in developing continuing education/formal education programs*
- *Demonstrates knowledge of regulatory acts as they affect patients and stagg*
- *Participates on hospital committees.*
- *Fire, Electrical, laser and explosion hazards in the operating room and other anesthesia related areas.*
- *Storage, use and safe handling of bulk and cylinder gases*
- *structure function and are of all components of anesthesia delivery systems*
- *Sterile technique and the principals of aseptic practice*
- *Usage of common anesthetic gases*
- *Type and indications for local, monitored anesthesia care (MAC), regional and general anesthesia*
- *Principles of purchasing and supply levels*
- *Communication skills*

References

Dr. Suresh G Nair

Head of the Department

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Declaration

I hereby declare that the above mentioned information's are true to the best of my knowledge and belief.

Place: Ernakulam

Date: 01/11/2021   **Aleena Dennis**