



Assessment and audit of crash cart to measure the compliances

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Organization: Zydus Hospital



Brief History

- Zydus Hospitals is a 550 bed Super speciality medical institution spanning 16 floors and 2 basement floors.
- This world class & highly sophisticated medical establishment offers all major medical specialties, subspecialties, investigation & diagnostics facility, rehabilitation & physical therapy care under one roof.
- GE 256 Slice Dual Energy CT Scan (first in Asia), GE 32 Channel Silent MRI.

Vision And Mission

Vision : To be a leading provider in healthcare service delivery to the community. We shall achieve 1500 beds under our management by the year 2022 and become a most preferred destination for comprehensive medical care and treatment.

Mission : To provide world standard healthcare solutions to the community by leveraging advances in medical research science and technology and adoption of best management practices.

Brief History Of Hospital

ZYDUS HOSPITALS – ANAND

- Inaugurated on May 2012.
- 150 bedded hospital.

ZYDUS CANCER CENTRE – THALTEJ

- Inaugurated on December 1, 2019.
- 110 bedded Hospital.

ZYDUS HOSPITALS – SITAPUR

- Inaugurated on April 16, 2021.
- 120 bedded hospital

ZYDUS HOSPITALS – BARODA

- Inaugurated on March 13, 2022
- 300 bedded hospital.

Learning and Value addition

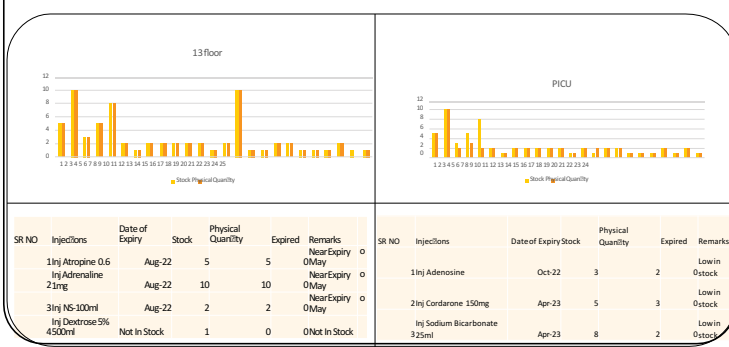
- Crash cart audit.
- Sub store cart audit
- In-patient files audit.
- Helped in internal audit.
- Gained information about the patient safety objectives.

Value Addition during Internship

- Communicate with individuals in a professional setting.
- Learnt how to network with Doctors, nurses and my co-workers.
- Learnt how to grow with constructive criticism
- Developed my Leadership skills and was fortunate enough to come across learned mentors who guided me through the internship.

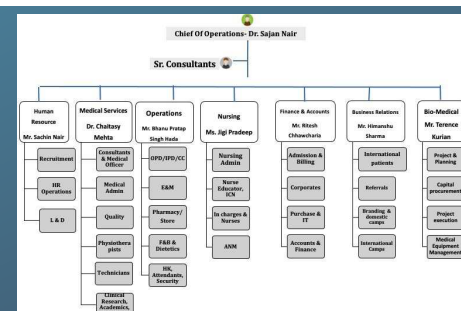
Difference Between Theoretical Work And Practical Work

- **Crash cart is a multi drawer wheeled cabinet with the essential medication and tools that are required in emergency situations.**
- **NABH STANDARD**
- **MOM.3. – Documented policies and procedures guide the storage of medication.**
- **Type of study : Qualitative and quantitative Observational study**
- **Sample size : Department's Crash cart and floors crash cart.**
- **Crash cart audit was carried in according to the Zydus Hospitals protocol checklist**
- **Provided immediate access to supplies and medications which in turn saves time.**
- **Facilitates coordination of emergency equipment.**
- **Ensures a properly Stocked crash cart and perfectly functioning defibrillator availability.**



Organization Structure

- **Chairman :** Pankaj Patel
- **Business Head :** V. N. Shah
- **Chief Of Operations:** Dr. Sajan Nair



Strengths

- Defibrillator is examined everyday.
- Expiry of the medication is inspected once in a month and whenever there is a code blue the crash cart is checked and along with that the medicines are indented and the cart is checked and updated.
- Crash cart is audited every month by the nursing staff and quality staff.
- Code blue committee sets up a meeting four months to discuss about the incidence with the quality department.

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- Indent medicines takes time to reach the floor.
- It can be a risk to the life of a patient if the crash cart isn't organized properly and if any crucial medication is absent.
- MLC and high profile cases can hamper the esteem of the hospital.
- Damage to the image of the doctors and nurses if the patient can not be saved.

Weaknesses

- If the crash cart collapses the injection and the vials can break and that can affect the cost of the hospital
- Vials if expired can have a critical reaction leading the life of a patient into jeopardy.
- There should be a disaster cupboard present near emergency department.
- If on duty doctor is unavailable and the nurse is unaware about the required medication.

Opportunities

- Patient's life can be saved as all the high risk medicines which are needed at the time of code blue are available as well as the defibrillator is also there for the last resort.
- Patients can get best treatment and can find the root cause analysis for the code blue.
- It increases the good will of the doctor and that helps in the inclination of the hospital's esteem.
- Upsurge in the publicity of the hospital.

Usefulness Of The Internship

- Got hands on training and experience in hospital
- Explored and motivated in choosing a career path
- Developed new skills and learned how to work in pressure
- Gained high confidence and a sense of responsibility
- Networking with people

Challenges Faced During The Internship

- Staff cooperation
- Communication with nursing supervisor
- Stepping Out of the box- Office environment
- Planning and meeting the deadlines
- Limited amount of time available due to nature of internship.

Suggestions

- Continuous monitoring and audit should be done.
- They should set up a crash cart committee and should review meeting should held every month.
- After using the crash cart, it should be checked again, and stock should be maintained.
- They should keep a record of medication with expiry date