

PROJECT REPORT



AWARENESS LEVEL OF STAFF AND EMPLOYEE AT FORTIS ESCORTS HOSPITAL REGARDING HOSPITAL EMERGENCY CODES

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**EVALUATION REPORT ON AWARENESS LEVEL OF
HOSPITAL STAFF AND EMPLOYEE REGARDING
EMERGENCY CODES AND SAFETY PROCEDURE AT
FORTIS ESCORTS HOSPITAL**

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INTRODUCTION

- Hospital emergency codes are being used in hospitals for alerting staff in case of different emergencies.
- Mainly to convey essential information faster & with minimum misunderstanding to staff present that time and also preventing stress and panics among those who are visiting hospital.
- Usually these codes may vary from hospital to hospital
- use of uniform system so as to not misguide the physicians as they work in different hospital side by side.



EMERGENCY CODE AND PREPAREDNESS

WHAT ARE THEY ?

Any emergency code is an alarming code that says there is some event that requires immediate action to be taken .

WHY SHOULD WE HAVE THEM ?

Emergencies are unalarmed event that can happen anywhere and at any given time .To handle such situation one should always have own emergency preparedness plans. As we say

“TO BE PREPARED IS HALF THE VICTORY”



EMERGENCY CODE

WHAT YOU SHOULD KNOW ?

- Categories
- Types of codes

WHY ?

- People understand the information received without further extensive explanation.
- People know what actions are to be taken based on the information received.
- Minimizes the scope of casualties.



CODES USE IN FORTIS ESCORTS HOSPITAL

S.NO	TYPE OF EMERGENCY	COLOR CODE	CODES
1	INDIVIDUAL DISASTER	BLUE	55
2	EXTERNAL DISASTER	RED	56/4942
3	INTERNAL DISASTER	GREY	56/4943
4	BABY MISSING	PINK	56/4944
5	HOSTAE DISASTER/ FIGHTING DISASTER	PURPLE	56/4945
6	HAZMART SPILL	ORANGE	4916

- Codes shall always be announced at least 3 times over the PA system with repetition in every 30 min for next 2 min.
- Plain language should be used to recognize the type of emergency, what is the code itself, and what is the actual location of the emergency.
- For example :-
“FACILITY ALERT , CODE RED, 1ST FLOOR ADMIN BLOCK”



RESEARCH METHODELOGY

Data Collection method:-

- A sample of 101 employees was taken from the hospital staff of Fortis Escorts Hospital, Jaipur.
- a structured questionnaire was prepared .
- The Questionnaire contained 9 questions involving all the emergency codes followed in FORTIS ESCORTS Hospital.
- Based on the questionnaire, personal interview was taken from staff in the sample.
- On the basis of the interview, **Primary Data Collection** was done.
- This primary data was analyzed and interpreted and Emergency Codes Awareness Level of the Staff and Employees was checked.



RESEARCH METHODOLOGY

- **Sampling size:** 101 Employees
- **Type of study :-** Descriptive cross sectional study
- **Data collection tool used :-** Self- prepared questionnaire
- **Data collection method :** Primary data is collected via
 1. Questionnaire method
 2. Interview method



RESEARCH METHODOLOGY

DEPARTMENTS COVERED IN THE SAMPLE:

- For unbiased result almost all major departments of the hospital were covered in sampling process.
- Covering all departments made it easier to detect which department is lacking behind and needs updation accordingly
- Departments that I covered are Blood Bank ,Dietetics, P.W.O., Billing, Physiotherapy, Nursing Staff ,F & B etc.



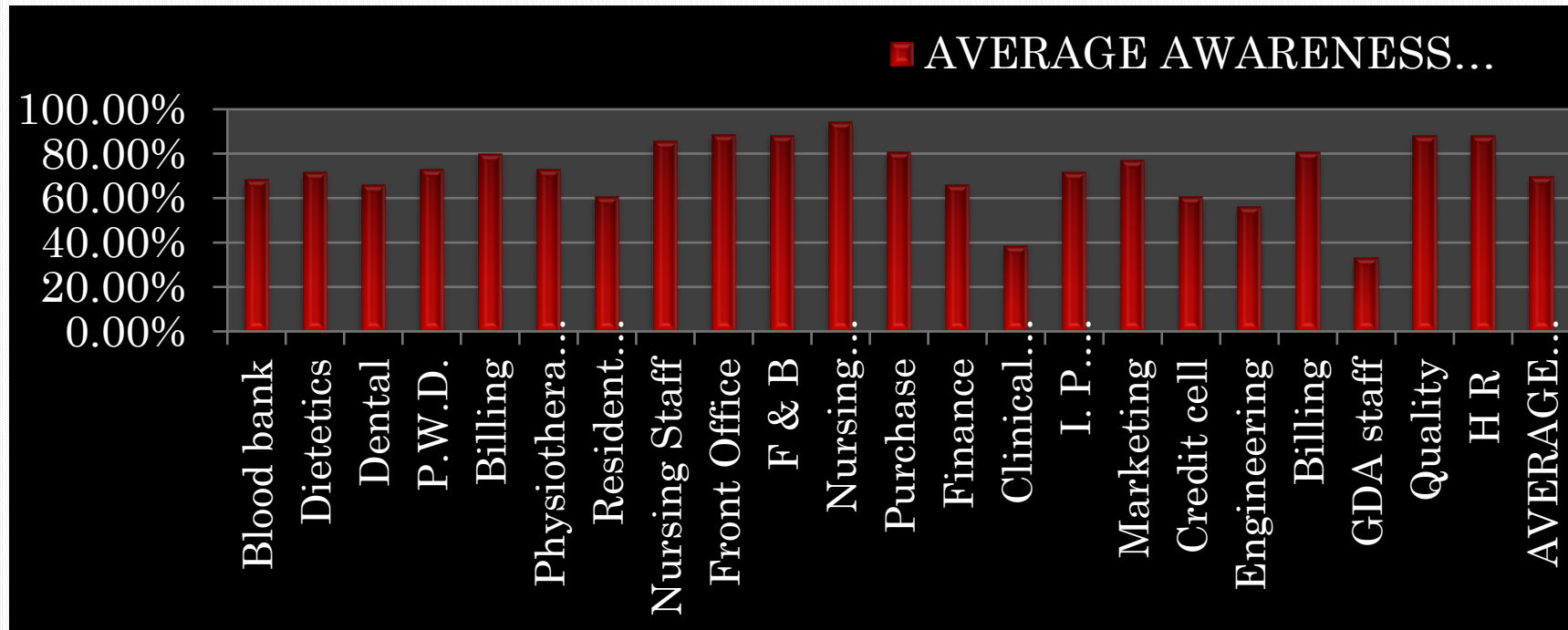
ANAYLISIS

The PRIMARY DATA obtained was analyzed in different manners:

- Based on Departmental Awareness Level
- Based on Type of Code
- Based on grades secured



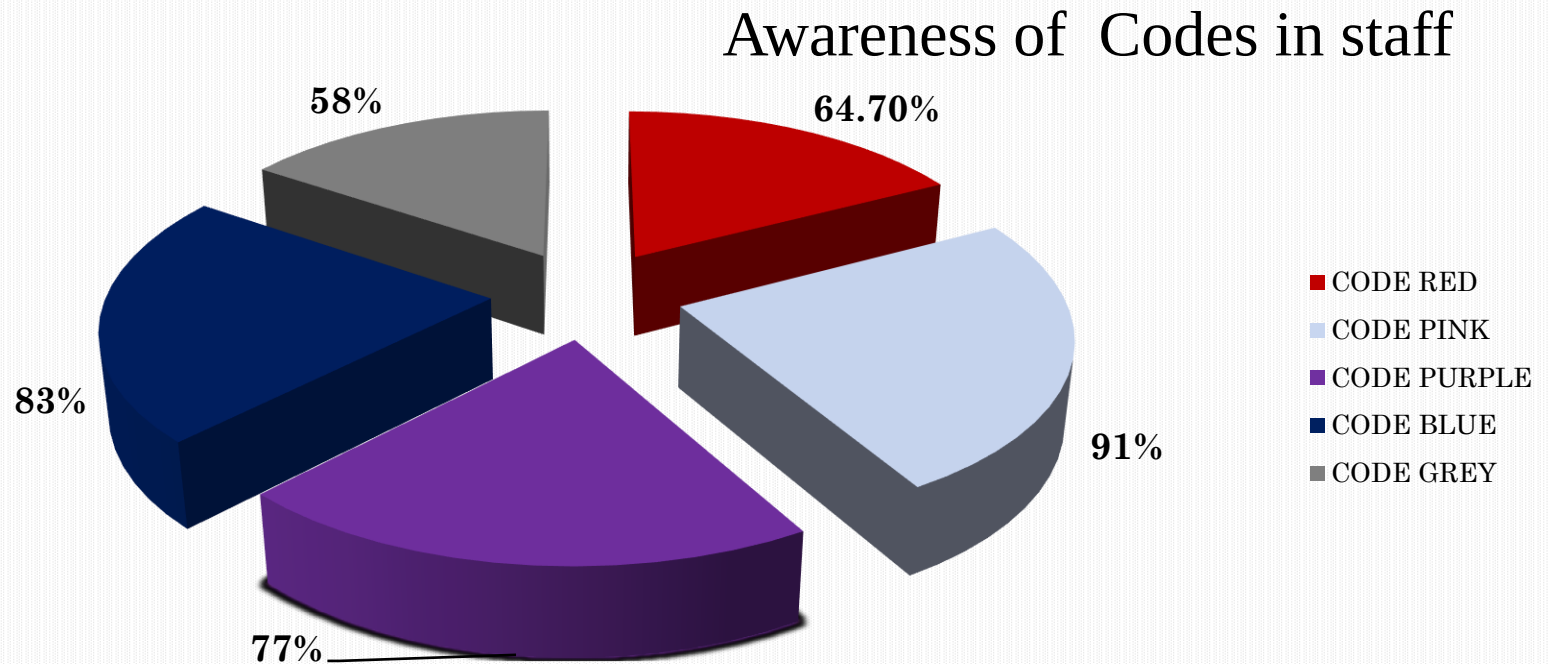
EMERGENCYCODES AWARENESS LEVE OF STAF AT FORTIS



The above mentioned bar graph (fig.1.1) clearly states that the G.D. A staff, clinical research department credit cell department, resident doctor are the few departments of the hospital who are least aware about the emergency codes practiced in fortis hospital.



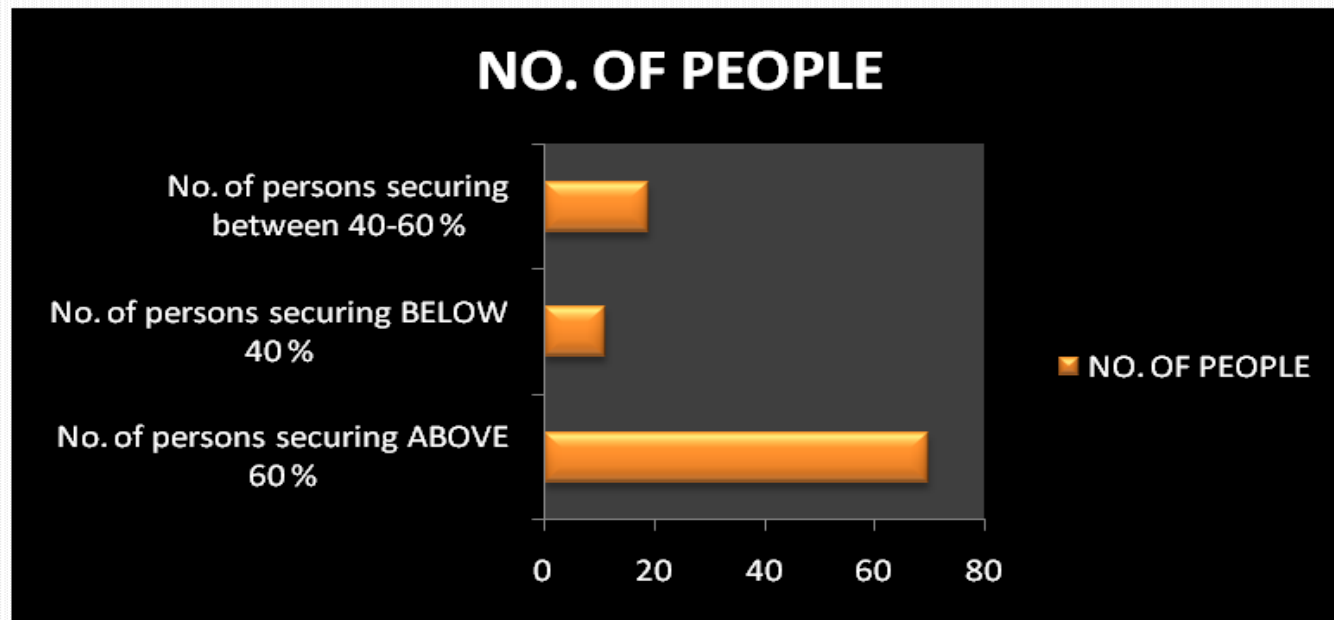
EMERGENCY CODE AWARENESS LEVEL OF THE STAFF OF FORTIS HOSPITAL ON THE BASIS OF TYPE OF CODE



Above mentioned pie chart (Fig 1.2) states that on the basis of different types of codes present in hospital majority of the people wasn't aware of code grey which is a code for internal disaster, followed by code red, majority of people were aware about code blue .



EMERGENCY CODE AWARENESS LEVEL OF THE STAFF OF FORTIS HOSPITAL ON THE BASIS OF GRADES SECURED



Above mentioned graph (fig1.3) states that the number of people securing below 60 % is 30 out of 100 which means many staff members are not aware of the different emergency codes used in hospital ..

INTERPRETATION

- Average Emergency Codes Awareness level of staff of Fortis Escorts Hospital, Jaipur is **69.42 %**
- Awareness level about **Code Grey is minimum.**
- Persons securing below 60 % is **30** out of 100.
- The Departments mentioned below performed below the expected level:
 - G.D.A. staff
 - Clinical Research Department
 - Engineering Department
 - Credit cell
 - Resident Doctors



RECOMMENDATIONS FOR IMPROVEMENT

- Continuous Emergency Codes Education and Orientation.
- Mock Drills should be conducted.
- New Recruited Staff members should be educated about Emergency Codes in their Induction Training.
- The Safety Manual and the Emergency Code should be updated regularly to match with other leading Hospitals.



RECOMMENDATIONS FOR IMPROVEMENT

- Emergency Exits and Fire Exits should be regularly checked.
- Surprise departmental Tests based on emergency codes should be conducted.
- Regular Audit of the Emergency Management System.
- Risk Reassessment and Potential Risk Auditing.
- Emergency Triage Area should be expanded.
- Separate Entry for Ambulance.



RECOMMENDATIONS FOR IMPROVEMENT

- Public Announcement Speaker system should be extended to whole of the hospital.
- The hospital should develop its Emergency Management system as its specialty.
- Separate Lift for cases of Emergency.
- More number of Closed Circuit TV Cameras.
- Separate sloping path for patient beds and wheelchair traffic.
- Some Security personals should be equipped with canes and guns.
- Security checking of each and every individual entering the hospital should be performed.



IMPLEMENTATION



FIRE MOCK DRILL
CONDUCTED FOR THE
STAFF AT FORTIS
ESCORTS HOSPITAL

HAZMART MOCK DRILL
CONDUCTED FOR THE
G.D.A STAFF OF FORTIS
ESCORTS HOSPITAL

