

Vision

- To become preferred healthcare provider for all.
- Partnership in caring and curing.
- Providing excellent medical care .

Mission

- To provide competitive, innovative and accessible medical care to the patients.
- To facilitate improving the health of patient by providing quality service through professionals that is affordable and delivered
 - Compassionately
 - Appropriately
 - Responsibly
 - Efficiently

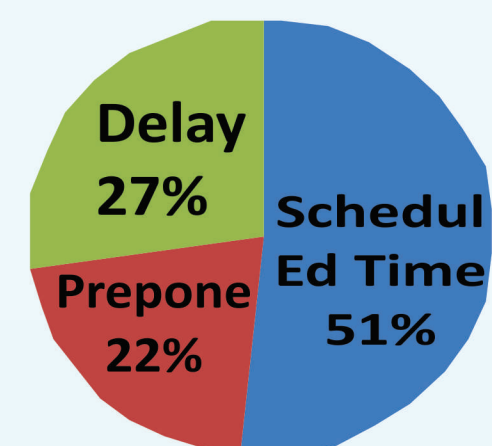
Specialty-

- Advance neuro sciences and trauma center
- Specialized mother and child care unit

Gap Analysis between Scheduled and Actual surgeries

According to Hospital Manual,
 •Procedures/surgeries starting within 15 minutes of scheduled time should be **90%**
 •Surgeries rescheduled & cancelled/postponed beyond the scheduled day should be **<10%**
 When the Data was analyzed and compared to the Hospital Manual, it showed that only **51.32%(175)** surgeries were carried out within 15 minutes of scheduled time and rescheduled/ postpone surgeries were **48.68%.(166)**

Graph Shows Numbers Of Surgery Schedule/ Pre pone/Delay



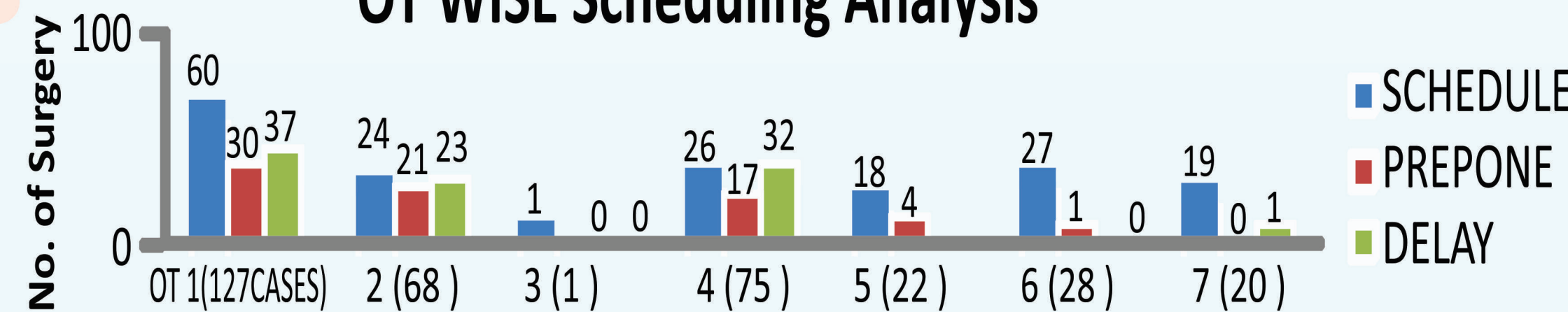
NO. of cases
 Scheduled -175
 Prepone -73
 Delay -93

INTRODUCTION

An operating theatre complex is where the surgical procedures are conducted by a team of surgeons, anesthetists, OT Technicians, nurses, etc.. Also represents an area of considerable expenditure in a hospital budget hence it requires optimum utilization to ensure maximum cost benefit.

OT NO.	Name of Specialty	Total no. of cases	Avg. no of cases/day
OT1	General Surgery &Urology	127	4
OT2	Orthopedic and Spine Surgery	68	2
OT3	Ophthalmology	1	0.03
OT4	General Surgery &Urology	75	3
OT5	Cardio Thoracic Vascular Surgery	22	1
OT6	Neurosurgery	28	1
OT7	Neurosurgery	20	1
Total		341	12
		(62 cancelled cases during the study period)	

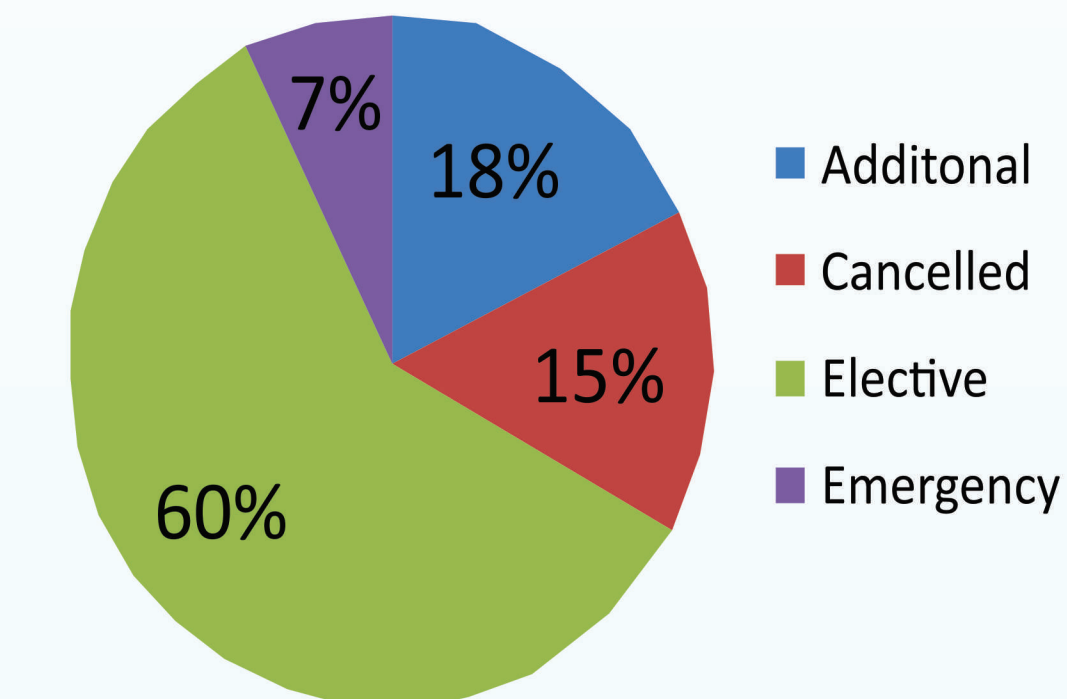
OT WISE Scheduling Analysis



OBJECTIVES OF THE STUDY:

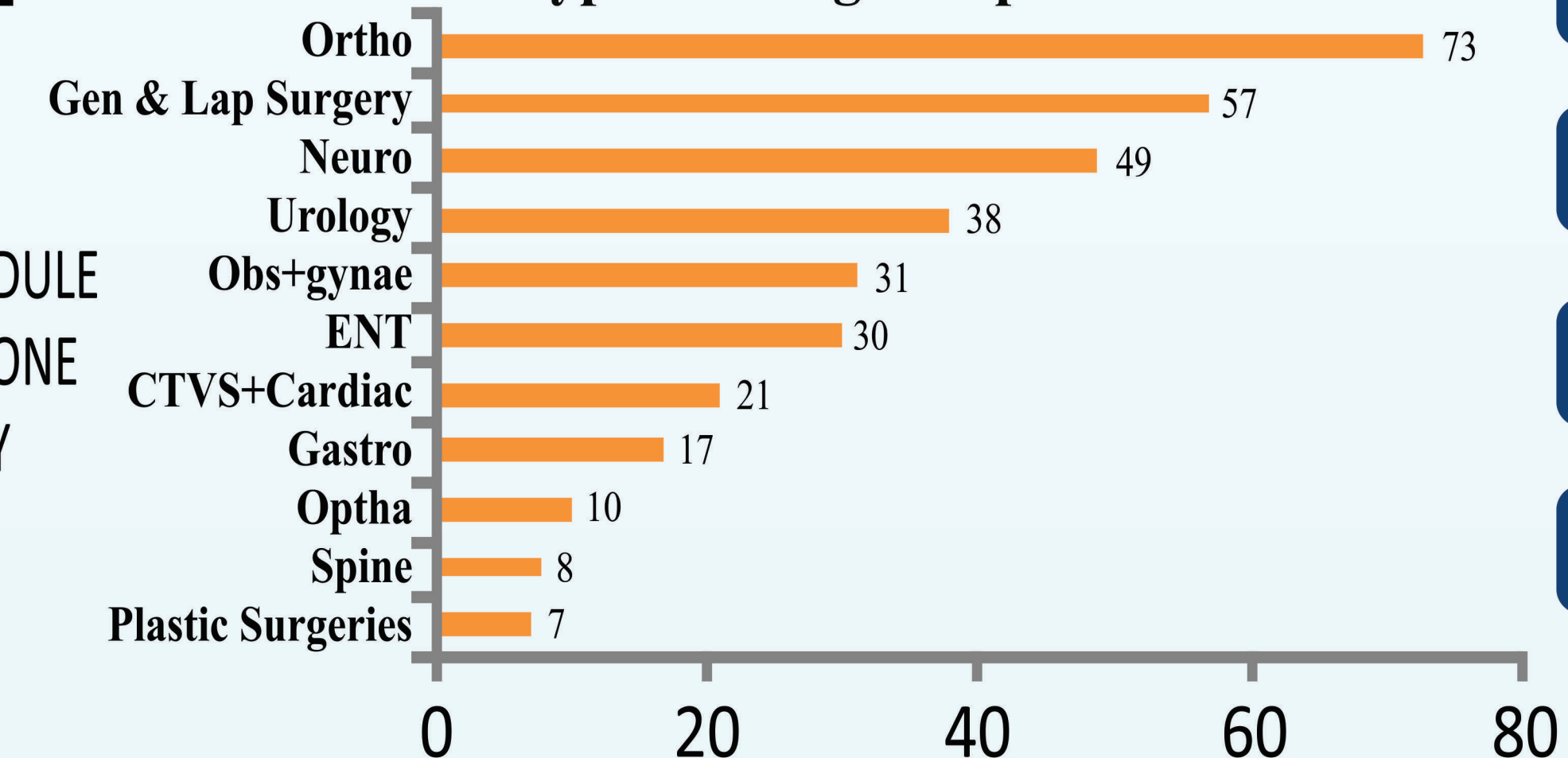
- To analysis the data of Operation Theatres for the study period of March month 2015.
- To find the Gap Analysis of Scheduled and Actual time of surgeries.

Distribution of Case Type



No. of Cases Are:
 Elective -240, additional-72,
 cancelled -62, Emergency-29

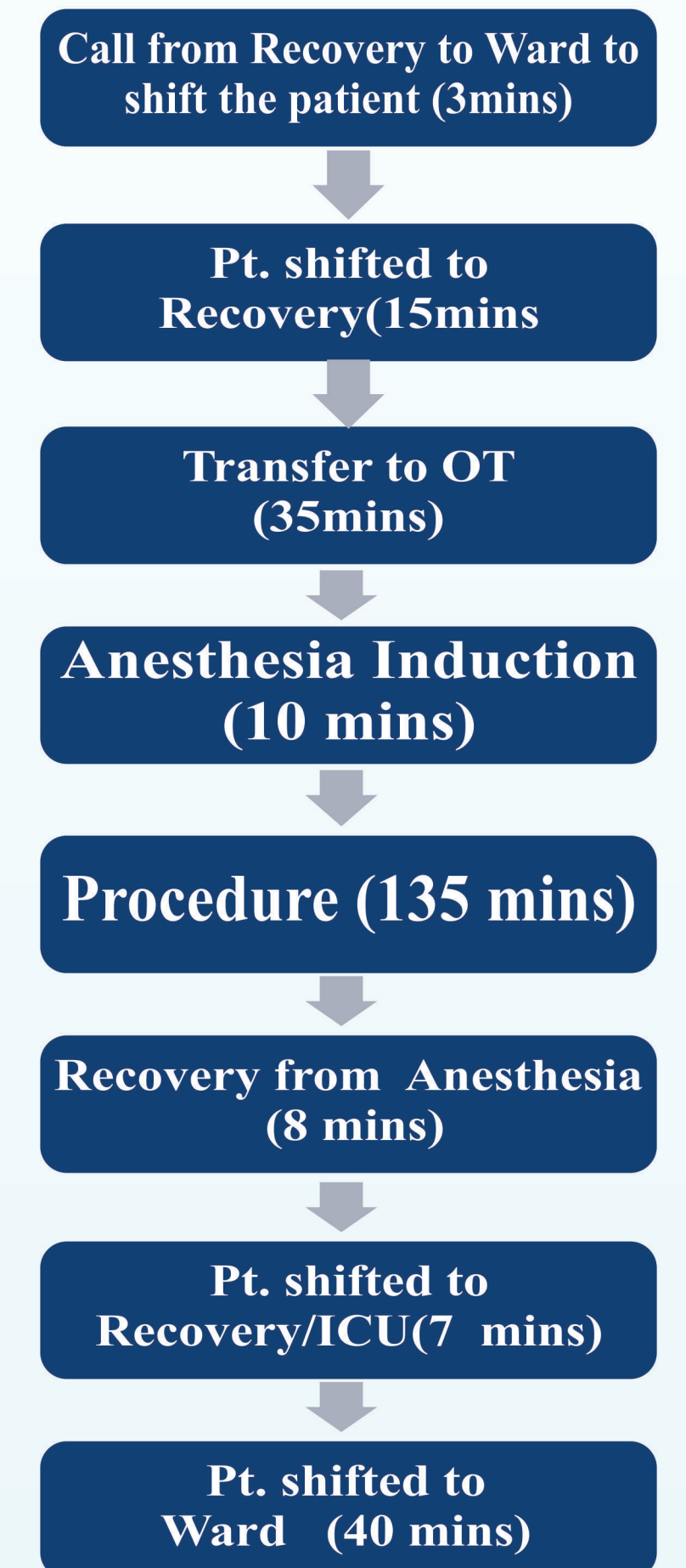
Types of Surgeries performed



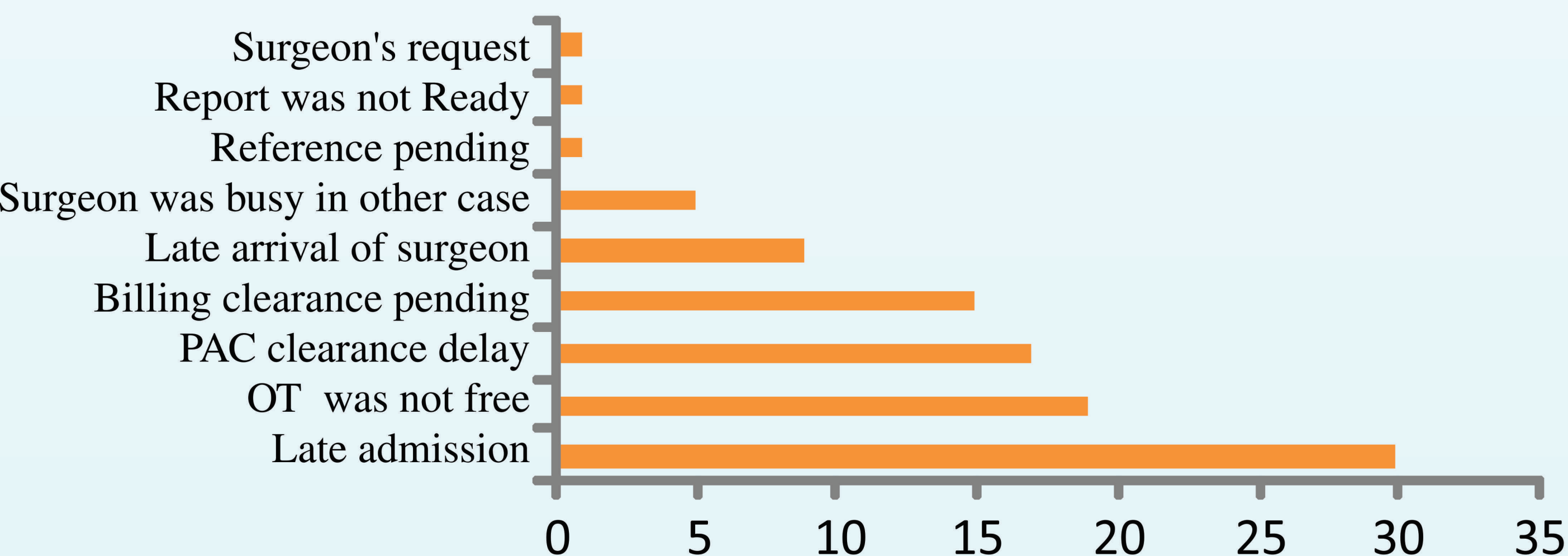
METHODOLOGY:

- Type of Study: Descriptive retrospective study .
- Location of Study: OT complex, 1st Floor, Paras Hospitals, Gurgaon
- Duration of Study: month of march 2015
- Sample size: 341 patients who are operated in march month weather scheduled or not scheduled.
- Data Collection Tools: Documentation/OT Tracker done in OT Complex on daily basis
- Data Analysis MS Excel

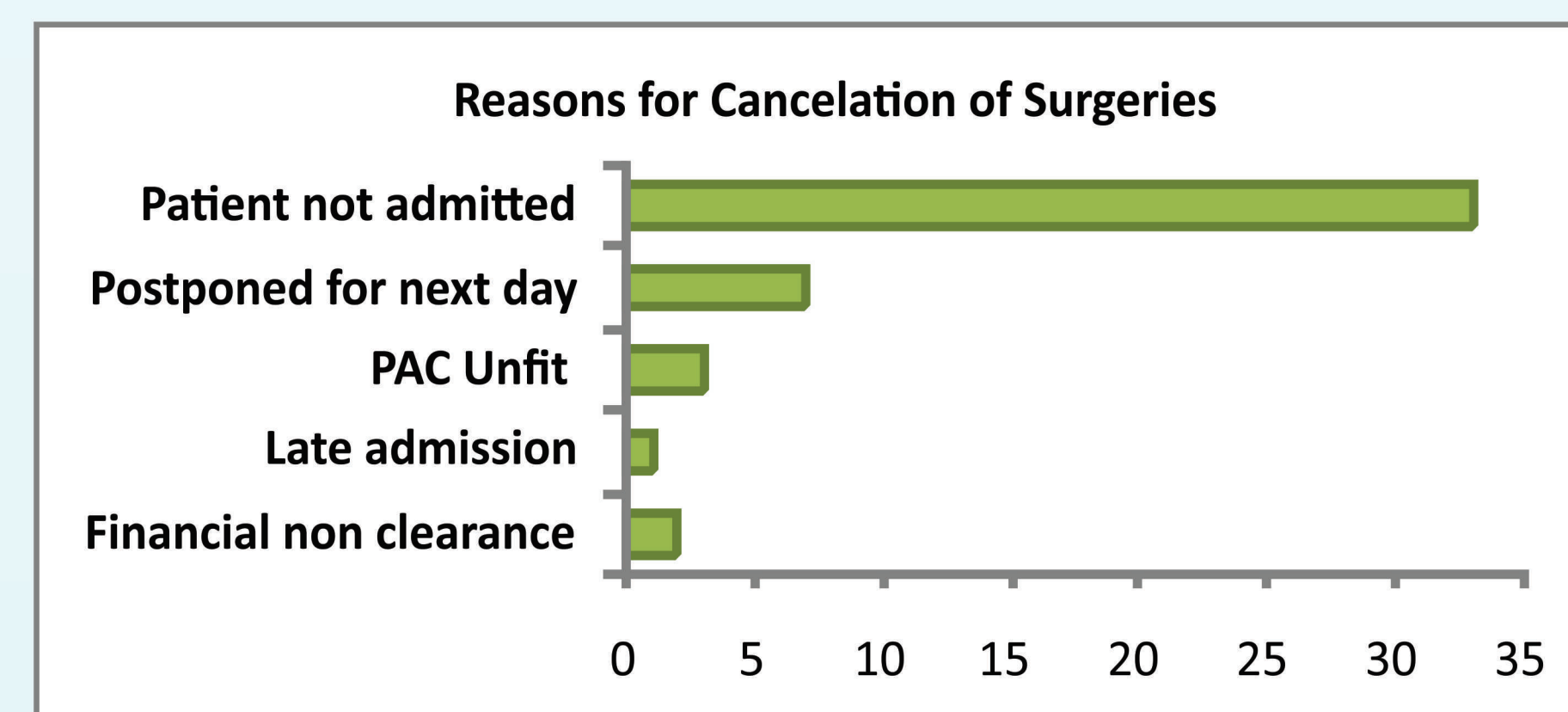
Time & Motion Study in Operation Theatre



Reasons of delayed surgeries is as shown in the Figure below :



Reasons for cancelation of surgeries for the scheduled day:



KEY FINDINGS

1. Total no. of surgeries conducted in the month of March, 2015 were 341, on an average 12cases/day
2. Majority of surgeries conducted were in OT1 followed by OT4.
3. It is evident from the above figure that major surgeries performed were of Orthopedics followed by General and Laparoscopic Surgeries, Urology Surgeries and Neuro.
4. OT Utilization is 61% in the OT Hours and in the emergency hours it is 4%.
5. 51.32% surgeries were carried out within 15 minutes of scheduled time and the cancelled surgeries were 48.68%.
6. Maximum on schedule surgeries were being performed in OT 6 followed by OT7.
7. Major reason for delay in surgeries is late admission & OT is not free .
8. Patients not being admitted is a big reason for cancellation of surgeries

Issues observed

- Most of the surgeries especially those are scheduled during morning hours, delayed because of late admission of patients .
- Less no. of Anesthetist availability after 5 pm has decreased the average counts of surgeries per day thereby decreasing the OT revenue drastically.
- Review PAC was not done before bringing patient to the recovery room which leads to wasting of time of recovery and OT.
- Carbolization of patient bed ,wheel chairs and trolleys are not done prior entering into the OT .

RECOMMENDATIONS

- Surgeries which are scheduled in morning hours, those patient need to be admitted to hospital one day prior to avoid any delay to the first surgery.& scheduling should be done after the clearance of TPA and cash deposit .
- For more utilization of operation theatre surgeries need to be schedule after 5 pm too and more then one anesthetist need to be on duty after 5 pm.
- PAC should be done on OPD bases and review PAC should be done on the previous day of surgery, to avoid the delays of clearances recommended by Anesthetist.
- For patient safety carbolization of the wheel chair ,stretcher, trolley should be done before entering into the OT complex .