



QUALITY MANAGEMENT IN OPERATION THEATRE
WITH RESPECT TO INFRASTRUCTURE, INFECTION
CONTROL, PATIENT SATISFACTION AND SCHEDULING



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INTRODUCTION

- . An OT is that specialized facility of the hospital where lifesaving or life improving procedures are carried out on human body by invasive methods under strict aseptic conditions in a controlled environment by specially trained personnel to promote healing and cure with maximum safety, comfort and economy.
- . Efforts are directed to maintain vital functions, prevent infections / promote healing with safety, comfort and economy

OBJECTIVES

- . To study the quality parameters of O.T according to NABH Guidelines.
- . To study the existing model of O.T. functioning in SRMS Hospital, Bareilly (with respect to infrastructure, patient safety).
- . To measure the infection control parameters of O.T.
- . To analyse the scheduling of surgeries and patient satisfaction with related to hospital facilities..

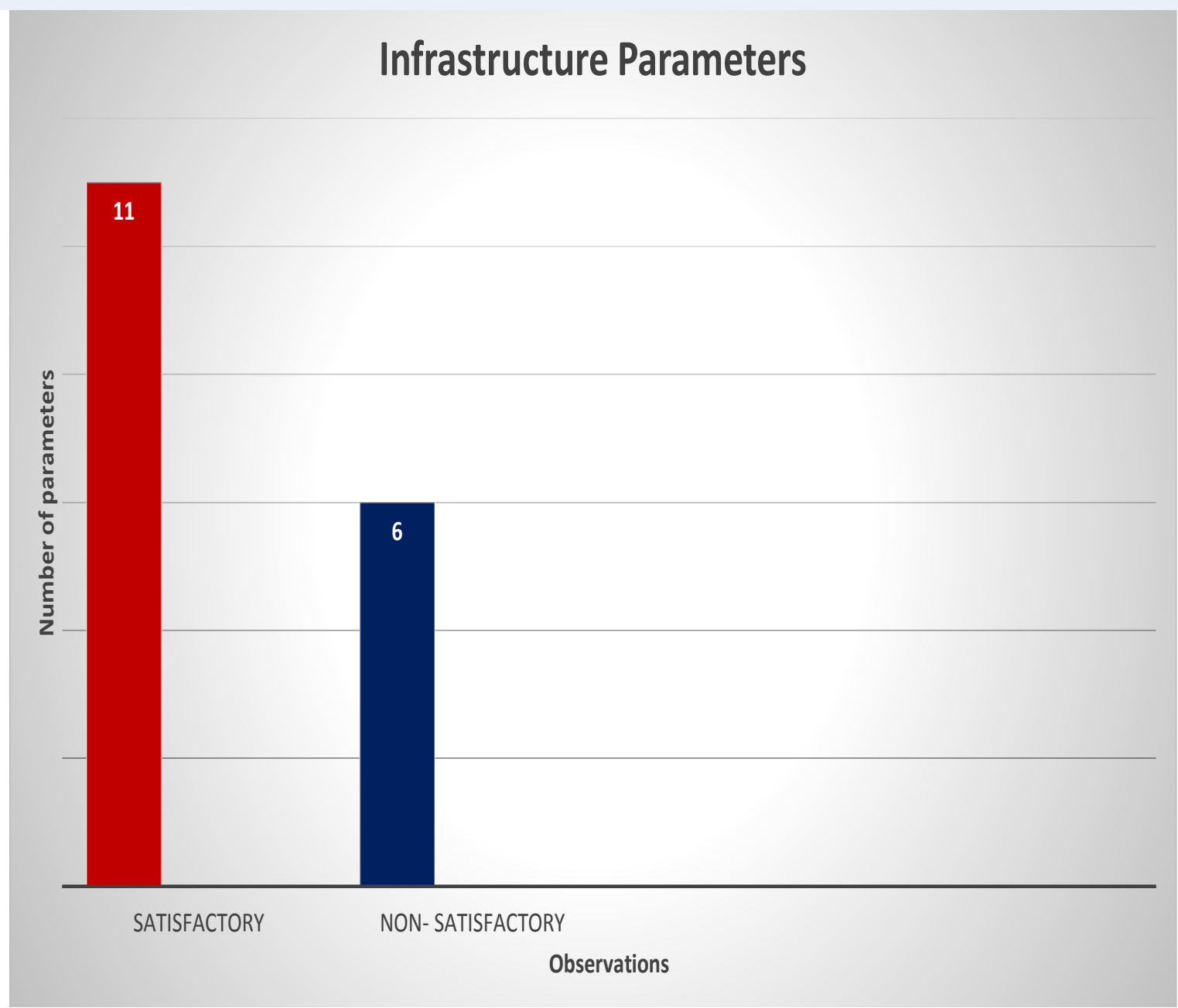
METHODOLOGY

- . Type of study: cross-sectional.
- . Study Population: 100 patients undergoing surgery from 3 April to 2 June 2017 in SRMS Hospital, Bareilly.
- . Duration: 2 months
- . Type of data: qualitative
- . Sampling Technique: simple random sampling
- . Inclusion criteria: Patients above the age of 12 years undergoing surgery in urology, orthopedics, plastic and neurology departments.
- . Tool: i)Interviews

FINDINGS

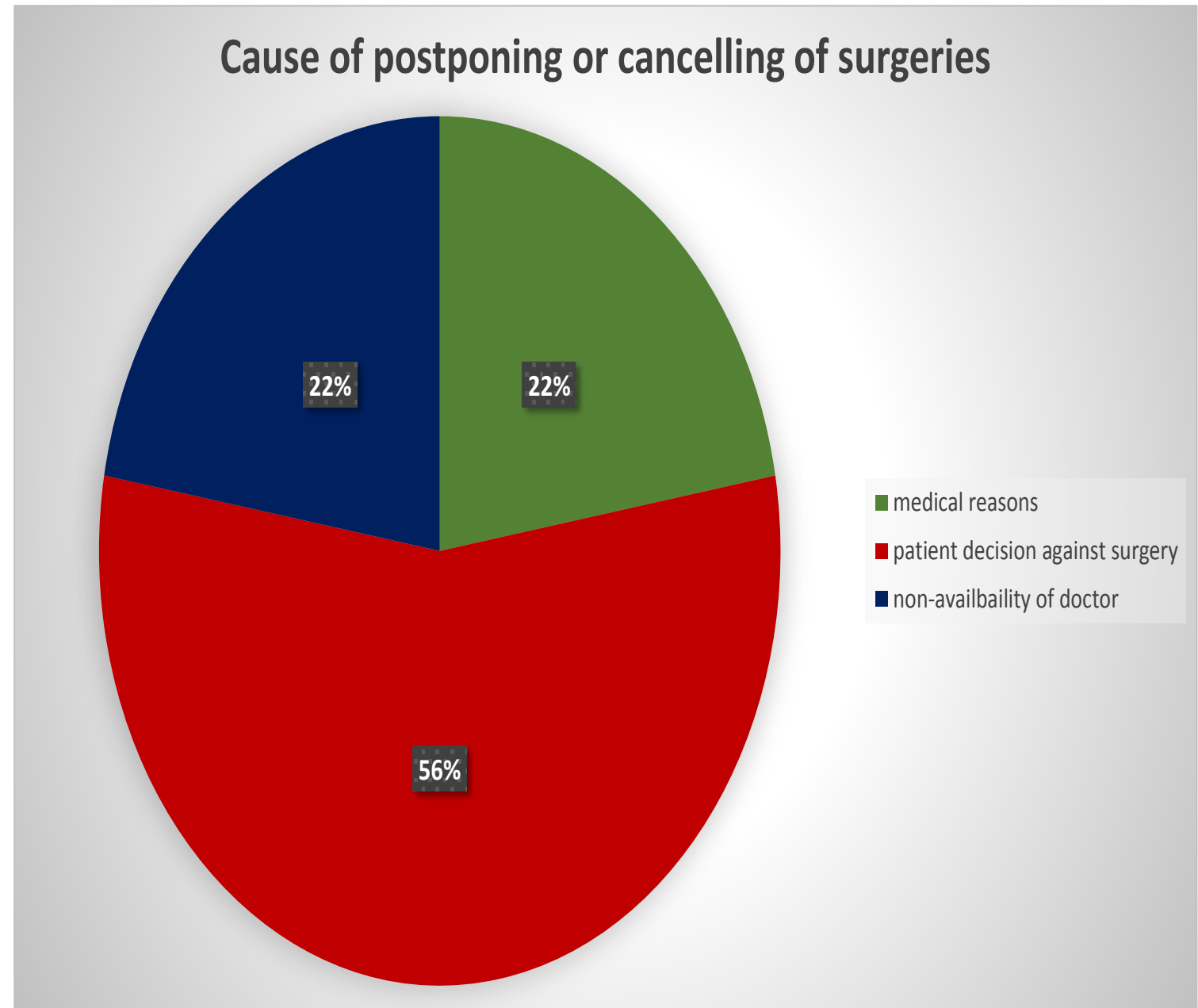
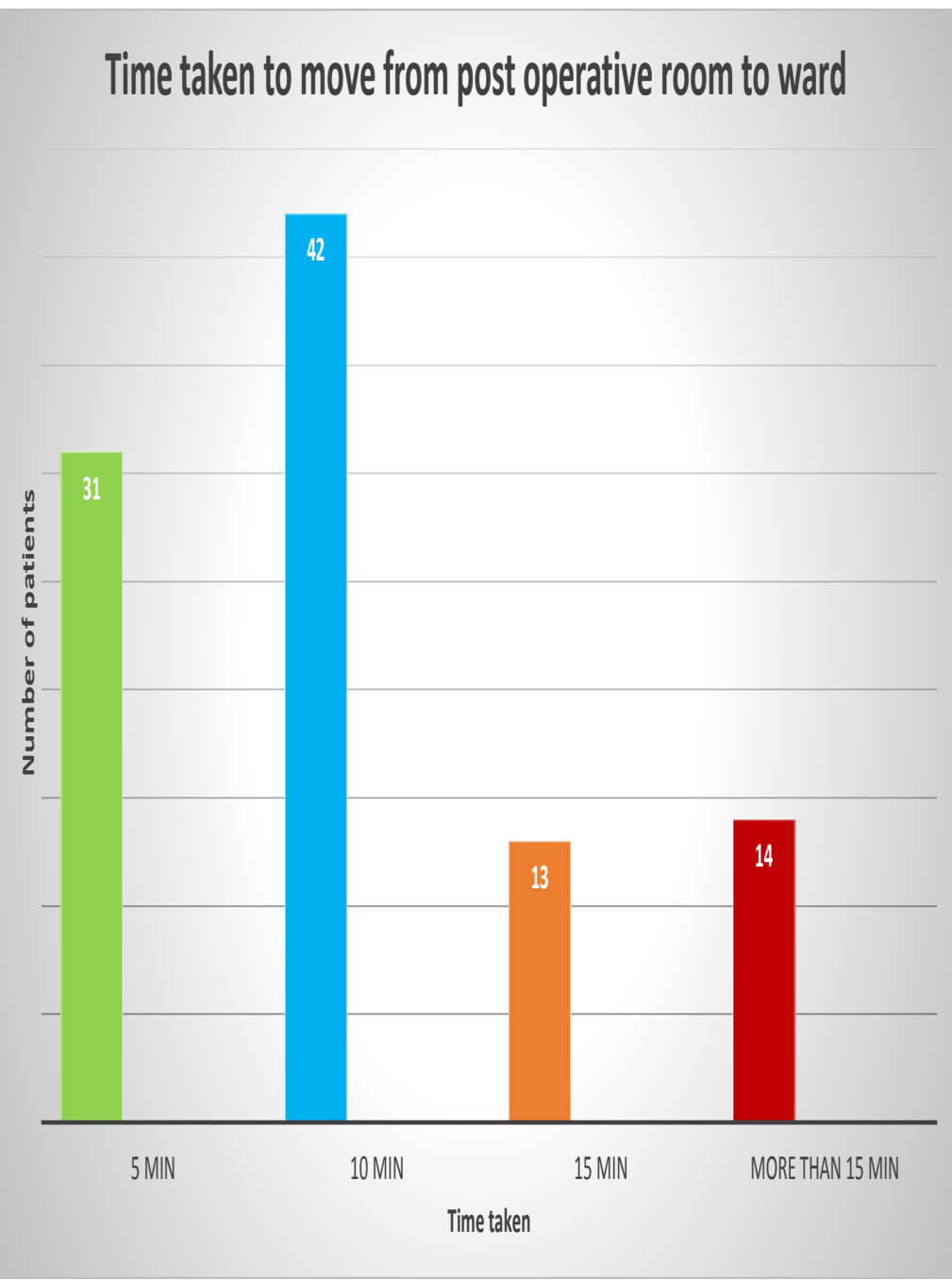
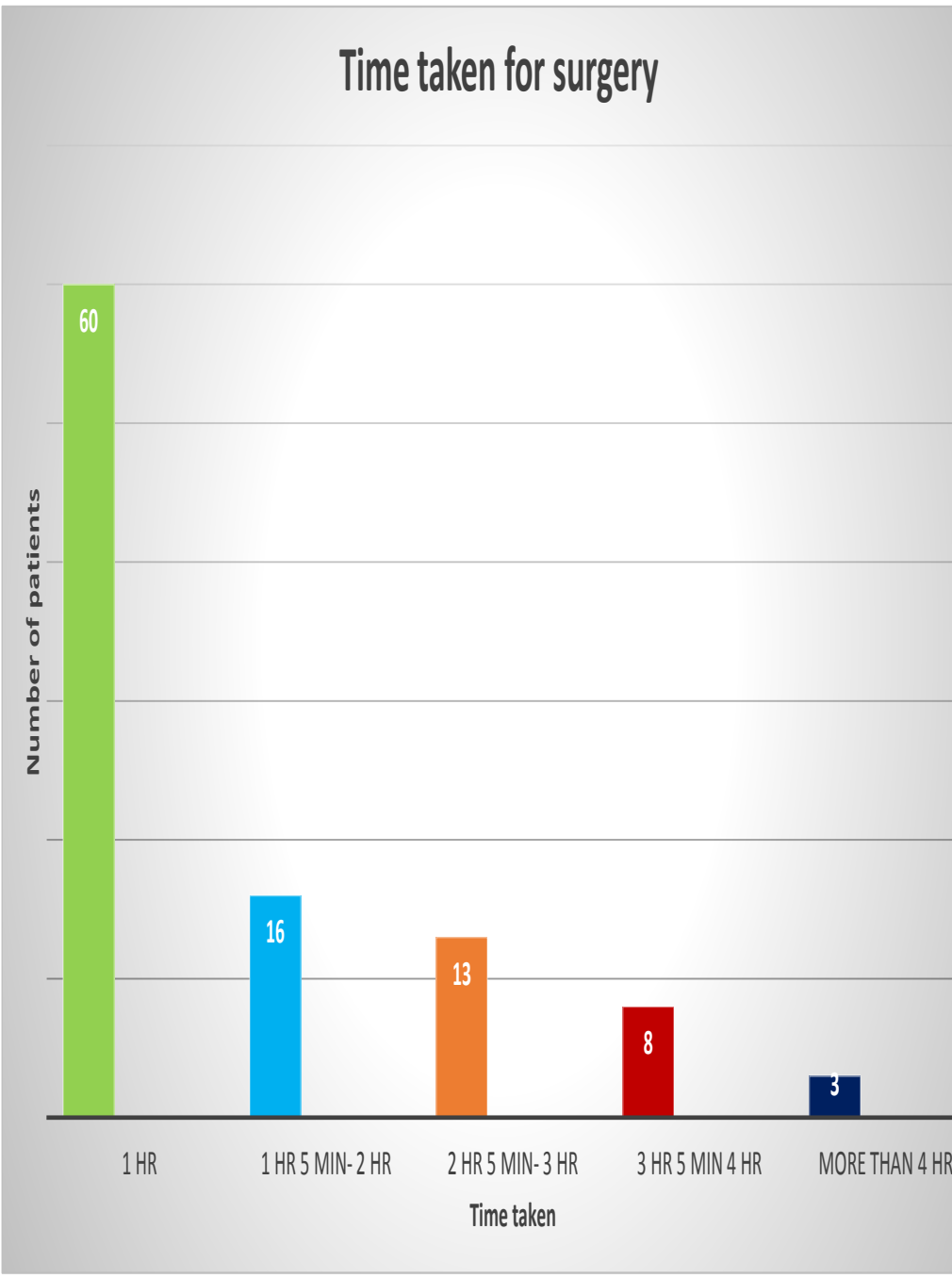
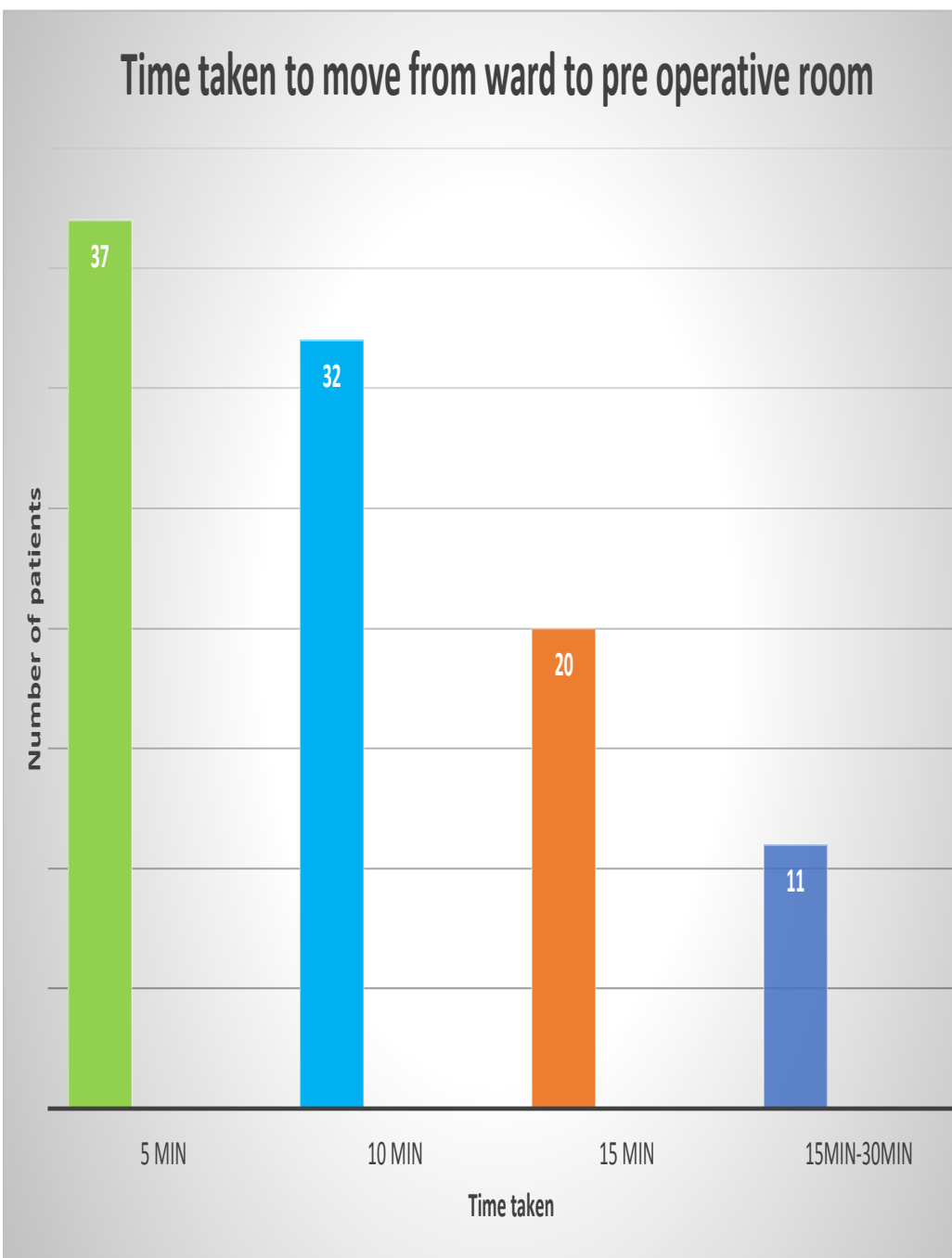
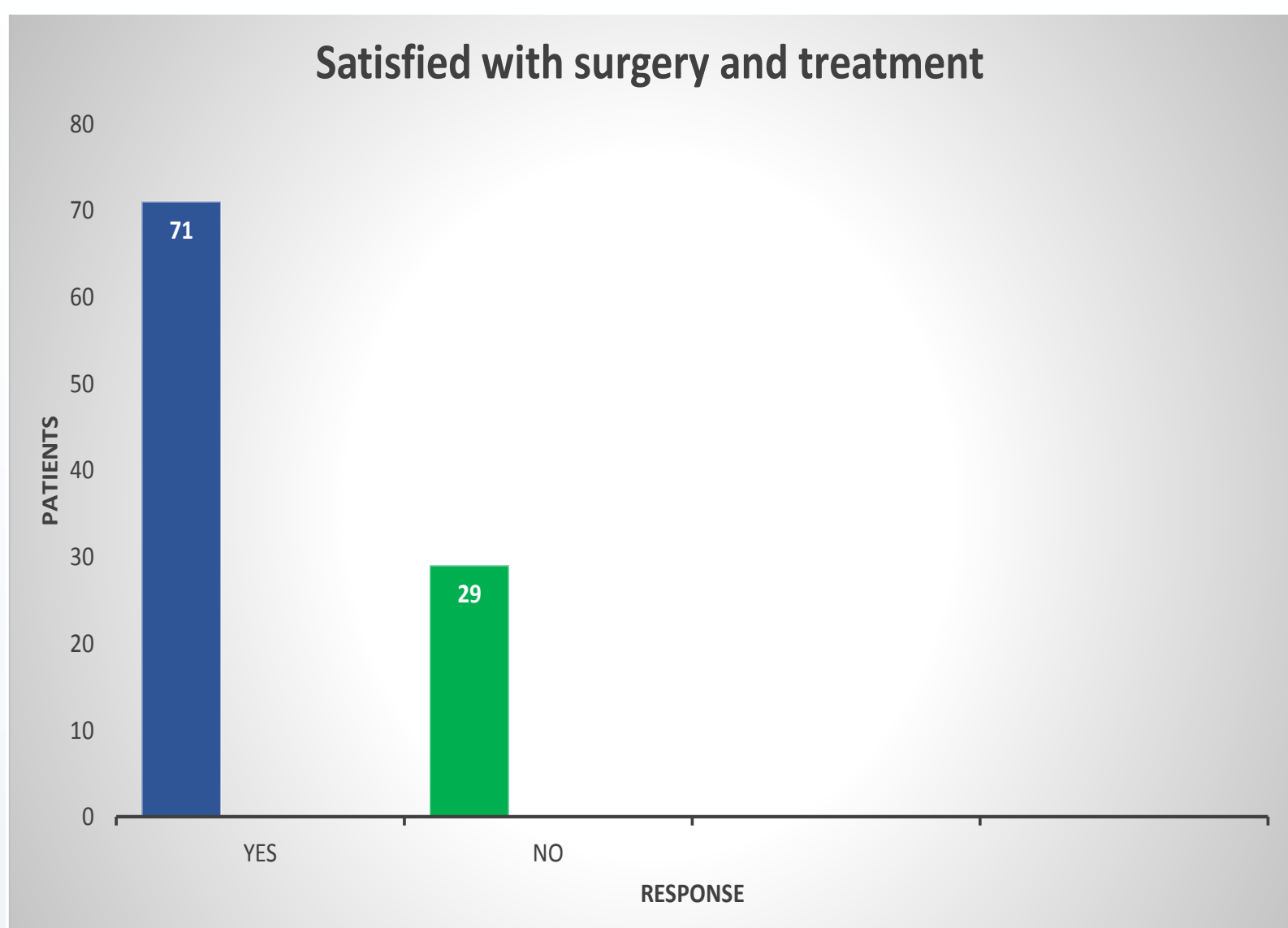
Infection control parameters

Parameters	Observations
Needle stick injuries	2
Blood and body fluid exposure	1
Fumigation	In every 7 days
Hand hygiene practice	Followed properly in 81.6% cases
Safety precautions by employees	Taken in 90% cases



Patient satisfaction parameters

Parameters	Results	
	Yes	No
Post-operative adverse events	19	81
Availability of medicines in the hospital during stay	91	9
Monitoring done properly by the doctor	84	16
Monitoring done properly by the nurse	89	11
Health status at the time of discharge good	96	4



SUGGESTIONS

- . Installation of the biometric device in the operation theatre to have surveillance over the punctuality of the staff.
- . Use of loading standards by the surgeons to prepare the OR List to minimize the unexpected delay for a particular case.
- . Counselling of the patient and his relatives to be done mandatory and documented:
 - i) On the previous day before surgery by the consultant along with anesthetist.
 - ii) At the time of discharge by the surgeon.
- . Number of working staff should be increased so that the time taken to move the patient to the O.T. and to the ward reduces.
- . The use of appropriate measures need to be taken by the employees to avoid the infections.
- . Regular fumigation inside the O.T. should take place.
- . As the hospital services are required to have 100% quality services, there is a scope to improve overall post-operative recovery and treatment procedures, about the medication and follow-up. The hospital can plan for SMS services for the appointment and follow-up reminders.