

ABOUT THE ORGANISATION: CK Birla Hospitals Jaipur, is a 230 bed, NABH accredited, multispeciality hospital offering comprehensive OP AND IPD services in Jaipur, laid on three key principles- Clinical Excellence, Ethical and Patient Centric Approach.

- World class infrastructure
- 8-state-of-the-art modular OTs
- 128 slice CT Scan
- Flat panel high end cath lab

AIM
The project aims to improve the operating room efficiency by developing procedure specific kits.

OBJECTIVES

1. To reduce the time wasted while gathering supplies.
- 2.To assess minimization of wastage by using pre-measured quantities of drugs and consumables in kits.
3. To optimize resource utilization as pre-determined kits eliminate the need for extensive searching and gathering of supplies, improving staff focus on patient care and in turn productivity.
- 4.Evaluate opportunity cost associated with using procedure-specific kits.

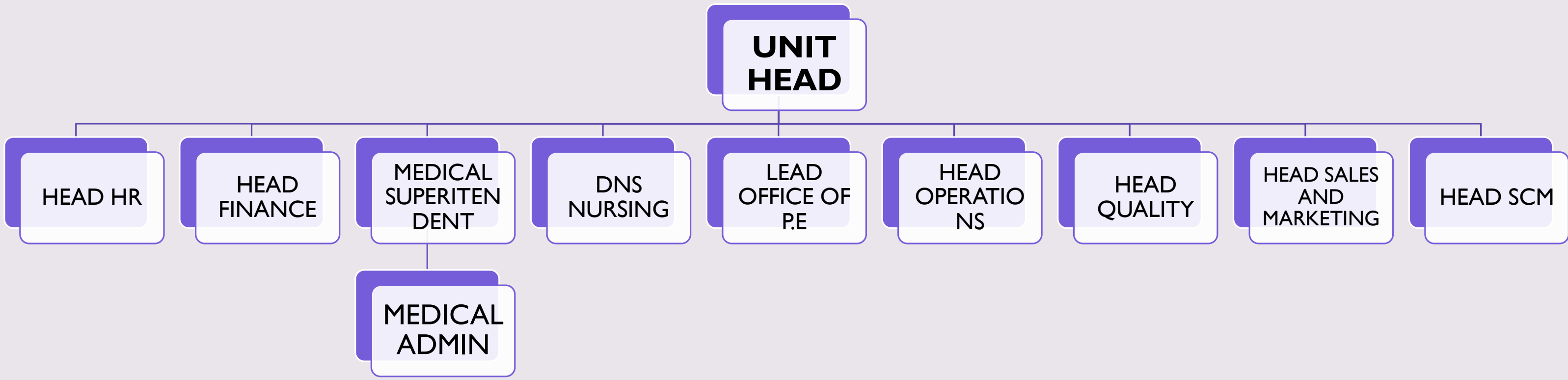


VISION - To provide best of Patient Service & Clinical Excellence.

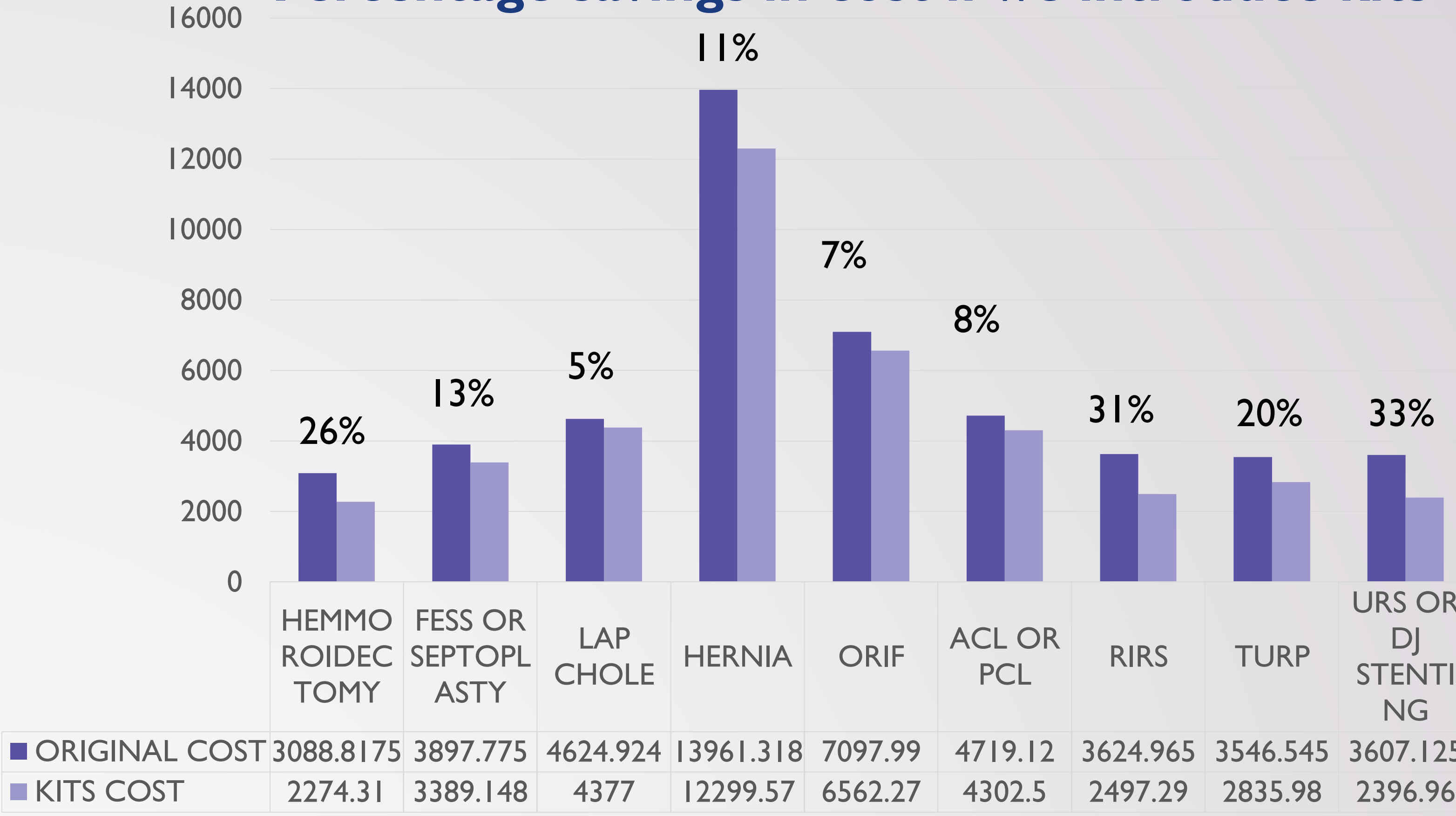
MISSION - To create Clinical Centres of Excellence on a strong backbone of research, academics and evidence-based medicine for best clinical and patient outcome.



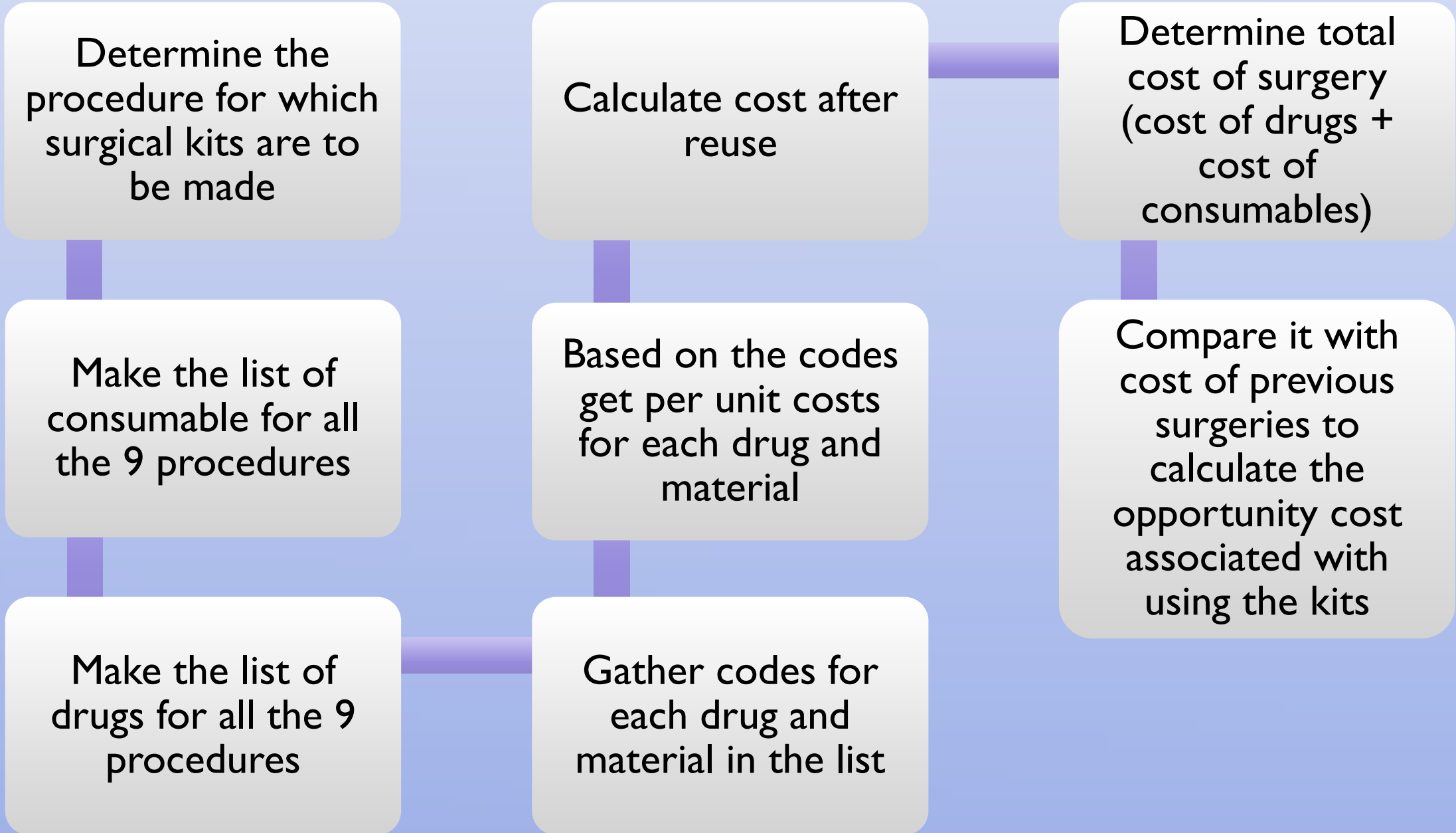
ORGANISATION STRUCTURE



Percentage savings in cost if we introduce kits



Approach



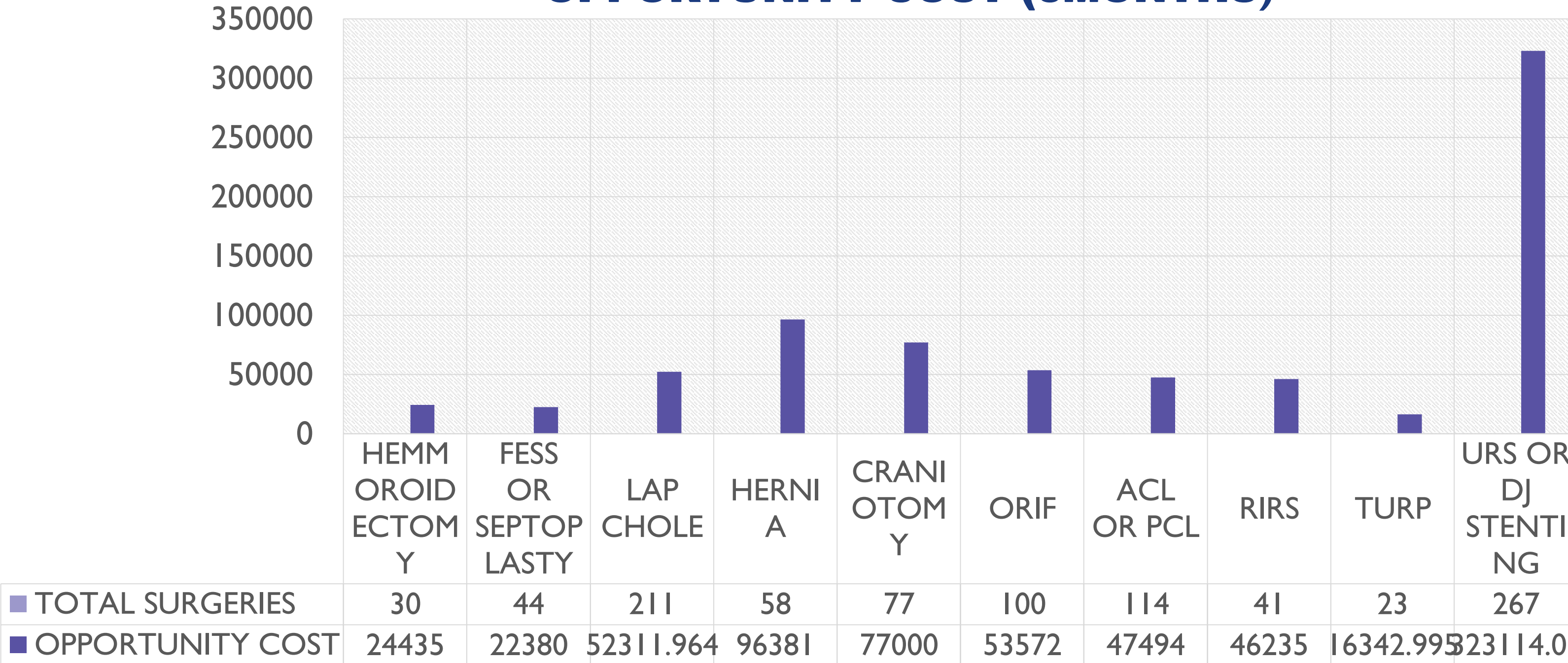
PROJECT 2

TITLE:Assessing Patient Safety: An International Patient Safety Goals (IPSG) Audit and Analysis with Improvement Recommendations

Objectives

- To conduct a comprehensive IPSG audit to evaluate the facility's adherence to established patient safety best practices.
- To analyze the audit findings to identify potential risks and opportunities for improvement in patient safety protocols.
- To develop recommendations to address identified safety gaps and enhance overall patient care.

OPPORTUNITY COST (6MONTHS)



IPSG AUDIT SCORE



GAPS

ID BAND NOT CHECKED BEFORE ADMINISTERING DRUGS AND SAMPLE COLLECTION

NURSES ARE NOT FOLLOWING HAND HYGIENE WITH PROPER STEPS AS WELL AS NOT AWARE OF INFECTION CONTROL BUNDLE OF CARE

NURSES ARE NOT AWARE OF NABH PROTOCOLS OF VERBAL ORDER FOLLOW UP

SUGGESTIONS

TRAINING AND EDUCATION: Training should include scenarios and role-playing to reinforce best practices.
BARCODE SCANNING: A barcode scanning system where nurses scan the patient's ID band and the medication or sample container. This system can alert nurses of any discrepancies and prevent errors.
Reminders: Post visual reminders like posters or checklists in medication dispensing areas and patient rooms to prompt nurses to check ID bands.

Hand Hygiene Champions: Appoint "Hand Hygiene Champions" among nurses to promote best practices and hold their peers accountable.
Recognize and acknowledge nurses who consistently follow proper hand hygiene protocols.

Develop a Clear Acronym: **VERIFY**
Verbal Order Received
Echo Back
Request Signature
Implementing **electronic order verification systems** where nurses can enter verbal orders and receive confirmation from the physician electronically.

CHALLENGES FACED DURING INTERNSHIP

- Time constraint while coordinating with OT staff.
- Limited time internship as I am not able to see the implementation of my project.

USEFULNESS

- Skill Development: Excel, Presentation skills, Communication, time management.
- Provided exposure to work culture, industry practices, and the opportunity to network with professionals in the field.
- Personal growth, enhancing confidence, adaptability, and resilience in professional environments.

LEARNINGS

- Understood how to analyze and improve process for efficiency.
- Gained understanding of internal control frameworks like IPSG and how they ensure smooth operations and reduce risks.
- Learned how new technology incorporation can disrupt the normal functioning temporarily and how these challenges are solved.

THEORETICAL UNDERSTANDING

Learnt about the meaning of codes.

Learnt the zoning of the hospital

Optimizing cost while maintaining the efficiency

PRACTICAL EXPOSURE

Saw the usage of codes in real-world scannerio.

Analyzed how zoning principles are applied in a real hospital

Applied the same practically

SWOT ANALYSIS

Strengths

- Improved efficiency through reduced equipment gathering time
- Streamlined surgical processes
- Optimized workflow and resource utilization

Opportunities

- Potential cost savings through reduced wasted supplies and improved purchasing efficiency
- Increased staff satisfaction due to improved workflow
- Improved patient outcomes due to reduced surgical times

Weaknesses

- Potential for kit standardization challenges across procedures
- Reliance on staff adherence to using the kits

Threats

- Resistance from staff to change existing routines
- Potential for errors if staff are not properly trained on kit usage