

BRIEF HISTORY AND INTRODUCTION

RUKMANI BIRLA HOSPITAL is a 230 bed multi-specialty hospital n Jaipur with world-class infrastructure which offers comprehensive in-patient and out-patient services. Since its founding RBH has been providing its patients with the full medical care, encompassing outpatient services, Neurosciences, GastroScience, Renal Science, Cardiology, Orthopaedics & Joint Replacement and more. CK Birla Hospitals, comprising of its three landmark identities, The Calcutta Medical Research Institute (CMRI,1969,Kolkata), BM Birla Heart Research Centre (BMB,1989, Kolkata) and its recent venture Rukmani Birla Hospital(RBH,2016,Jaipur) have set milestones in the healthcare Industry.

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.

OBJECTIVES

To determine the Turnaround time for patients in Non-invasive Cardiology Department

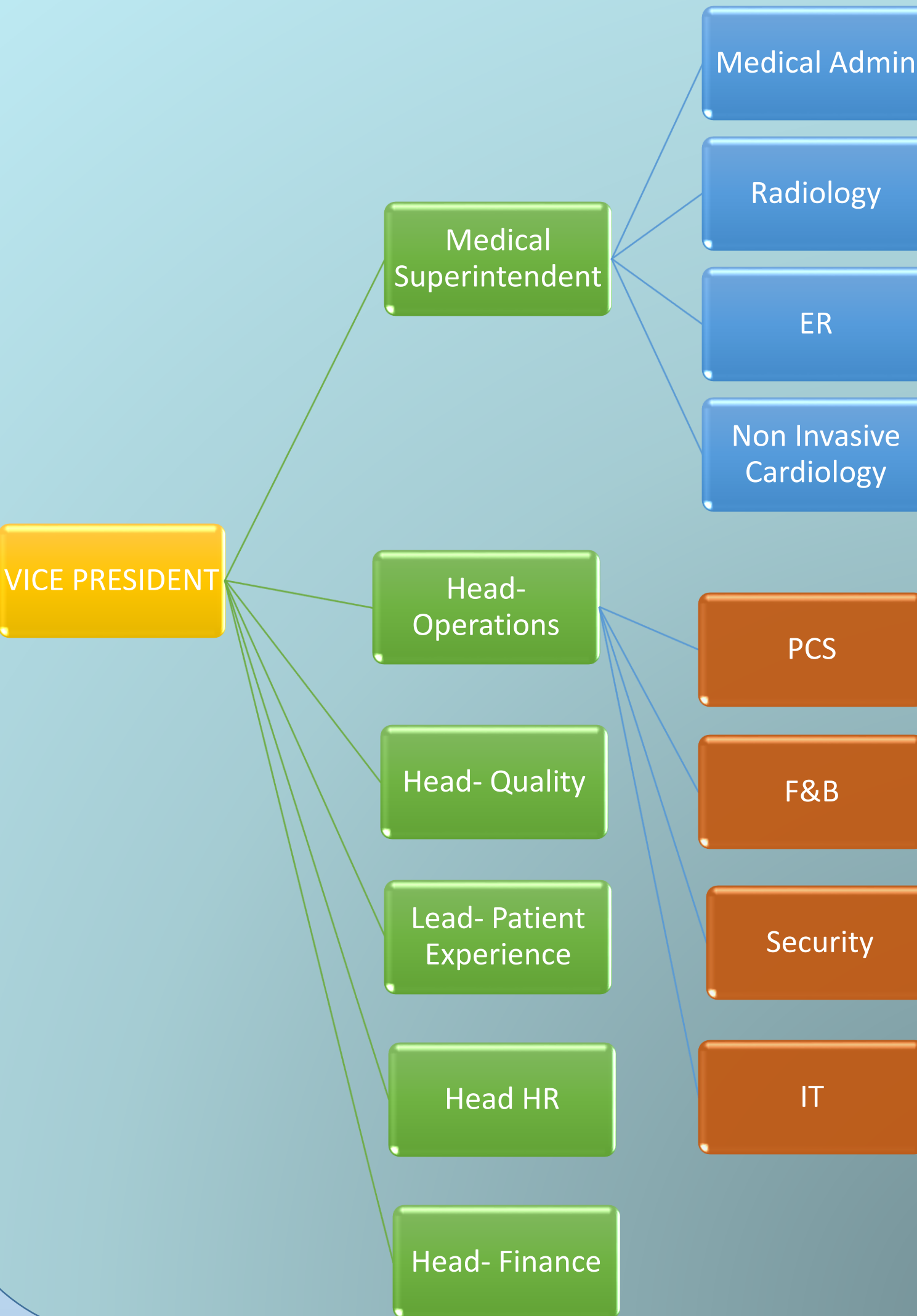
To identify factors that contribute to longer Turnaround time.

To find out the solution for longer Turnaround time in Non- invasive Cardiology department

LEARNINGS

- ❑ Functioning of Non invasive Cardiology department
- ❑ Various Emergency Codes
- ❑ Working of PHC department
- ❑ Conducting Audits
- ❑ Patient Management

ORGANIZATION STRUCTURE



CHALLENGES

- ❖ Recording data of multiple procedure in the department simultaneously
- ❖ Understanding complex workflows and procedures in Non-invasive cardiology department

THEORETICAL UNDERSTANDING

Theoretical knowledge gained at university helped in understanding the fundamental concepts and principles related to the functions of a hospital

PRACTICAL EXPOSURE

Practical exposure demonstrated how to operate in real time hospital scenarios using theoretical knowledge

STRENGTH

Advanced Diagnostic Technology
 Skilled Personnel
 High Patient Flow

WEAKNESS

Dependence on Equipment
 Longer Waiting Time
 Manpower Shortage

SWOT ANALYSIS

OPPORTUNITIES

Advanced Scheduling Systems
 Integration of EHR
 Automation and AI

THREATS

Growing Competition
 Technological issues
 Patient No-Shows and Late Arrivals

USEFULNESS OF INTERNSHIP

- Practical Experience in Hospital
- Gained insights into departmental work processes, identifying key issues and challenges.
- Exposure to Corporate work culture
- The internship provided valuable opportunities for direct patient interaction, allowing for the development of strong communication skills and a deeper understanding of patient needs.

Name – Dr. Purva Mathur Roll No. 1785 HM-28

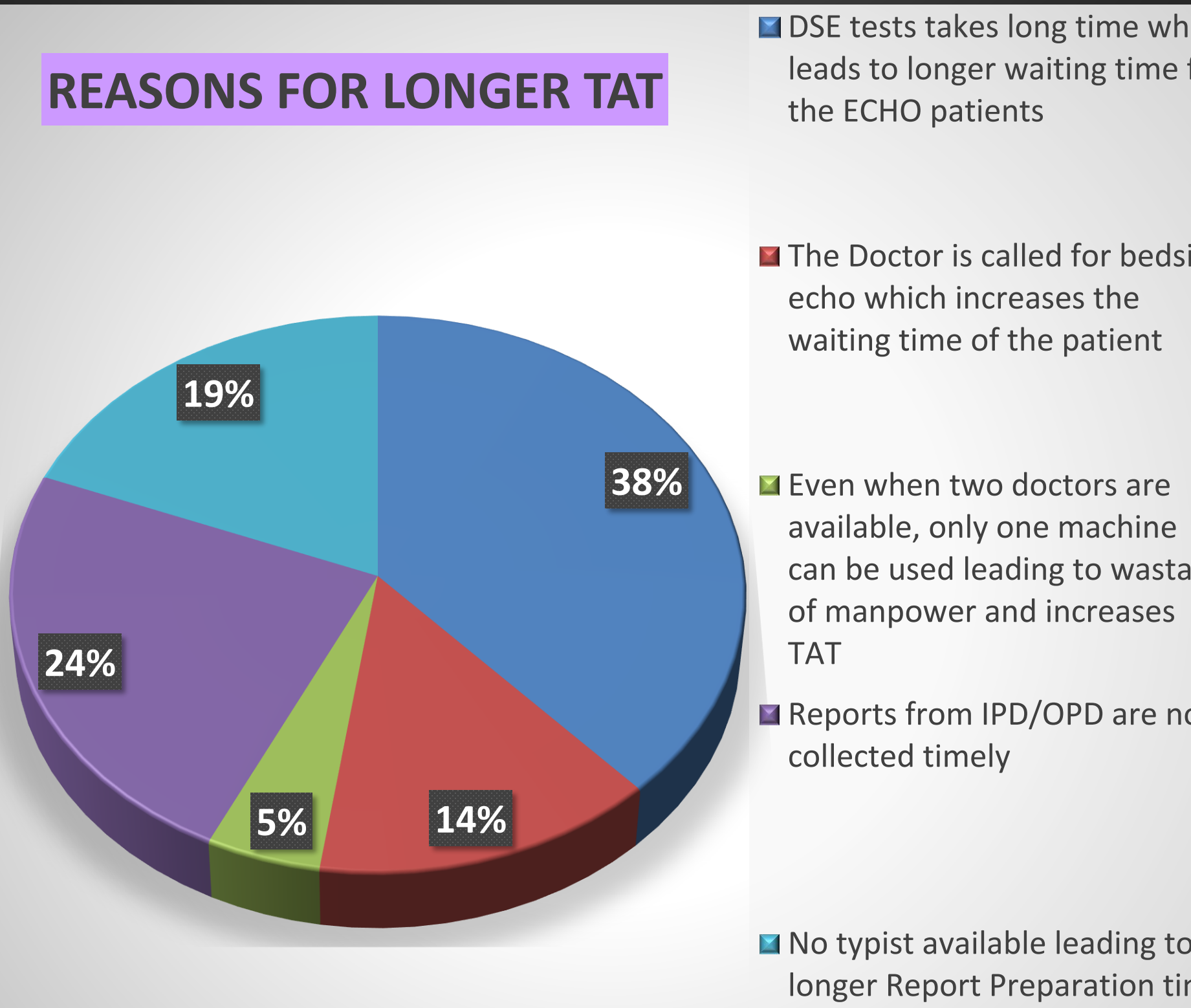
Faculty Mentor – Dr. Tripti Bisawa Organization Mentor – Dr. Saket Joshi



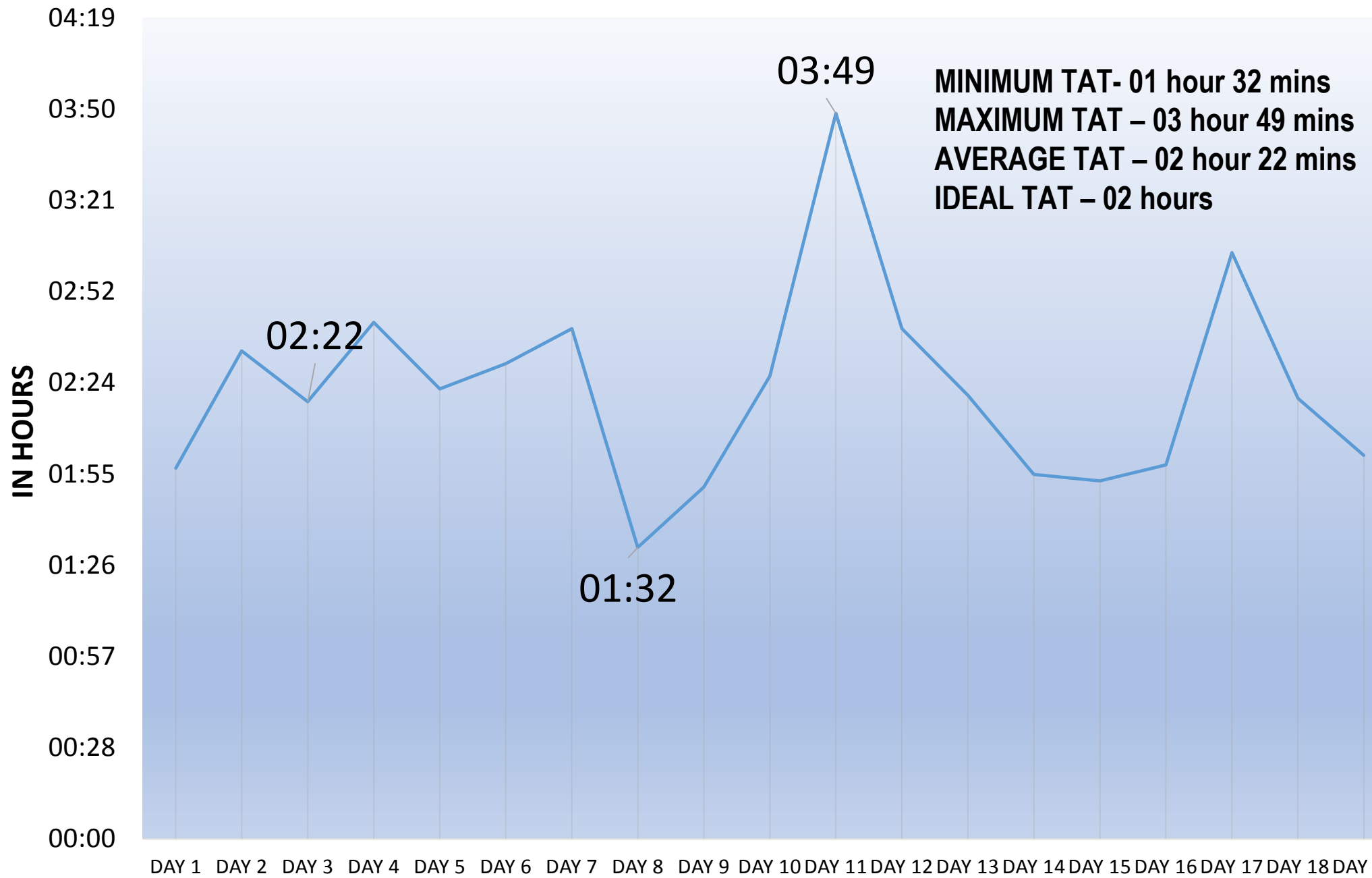
AVERAGE TAT FOR TESTS



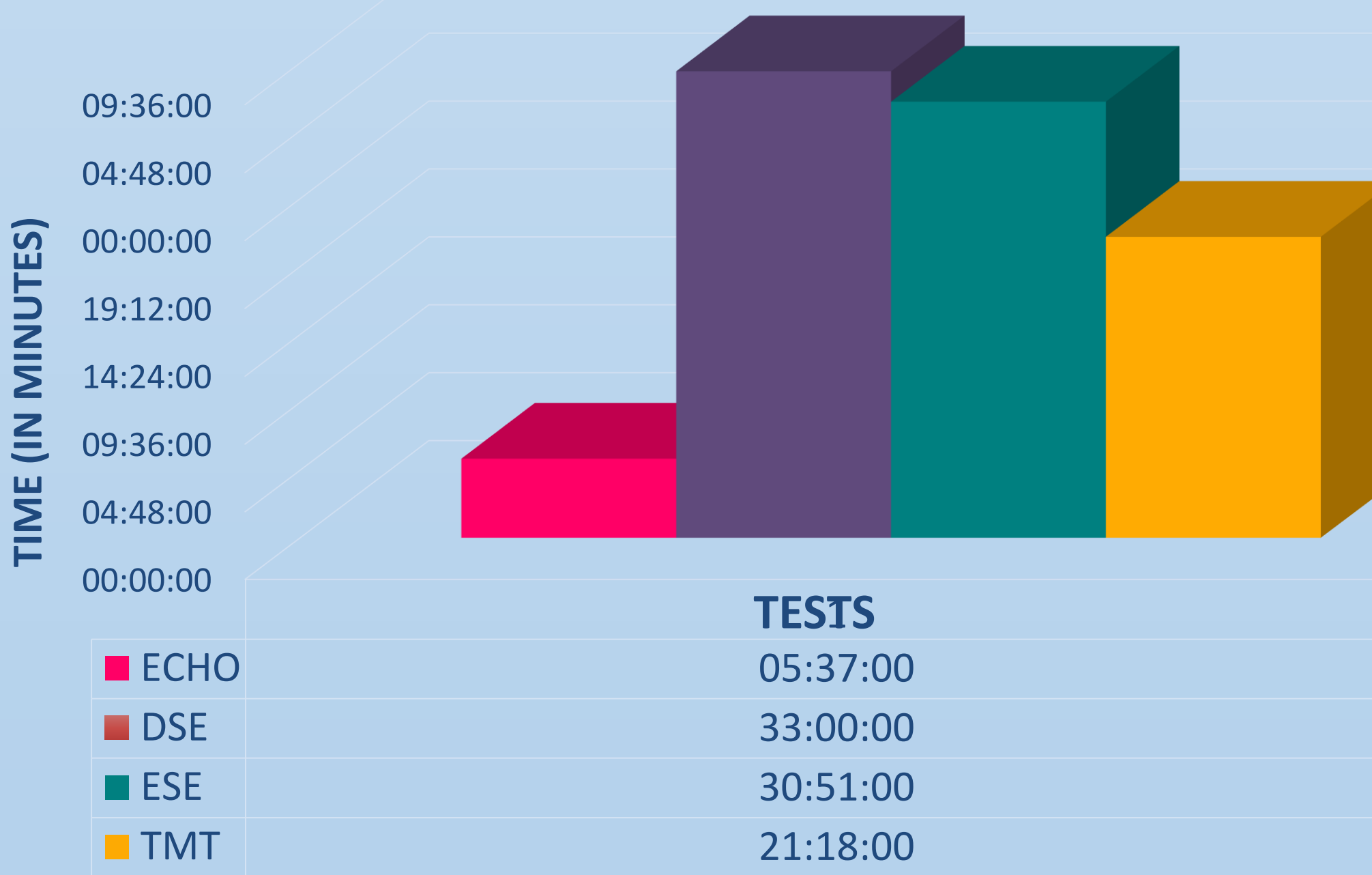
REASONS FOR LONGER TAT



TAT FOR ECHO



AVERAGE PROCEDURE TIME (IN MINUTES)



SUGGESTIONS

- ❖ Implement a planned test schedule for PHC patients to streamline operations and reduce chaos.
- ❖ A typist with experience in preparing reports for the Non-Invasive Cardiology Department should be hired to fasten the report preparation process
- ❖ Ensure IPD patients are shifted promptly after appointments are made with the department.
- ❖ A separate ECHO machine for PHC patient to avoid the chaos and time delay
- ❖ After every 1 hour the OPD/IPD staff should come to collect the reports from the department