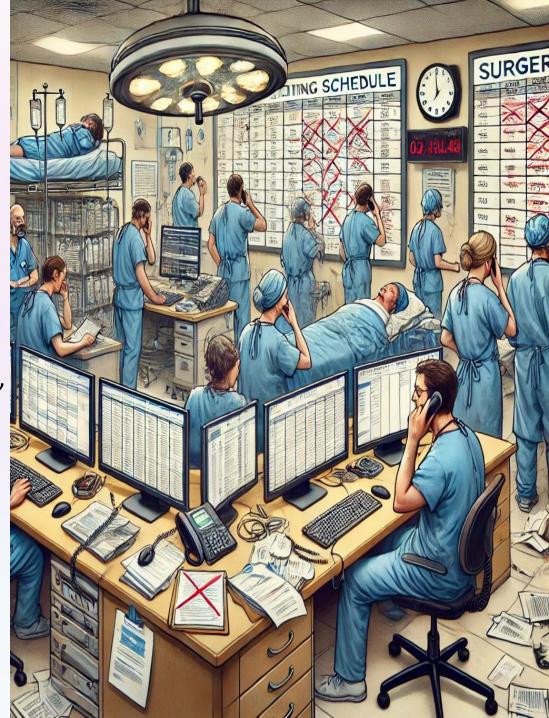




Challenges in Operations

Few Pain points in day to day functioning:

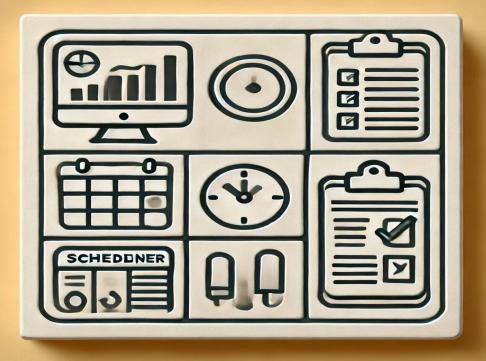
- ☐ Manual scheduling systems for managing multiple surgeries; Underutilization of resources-OT, Doctors, Nurses; Prolonged Surgeries; Handling unforeseen emergencies; Increased patient waiting times
- ☐ Discharge Delays:
- ☐ OP Waiting time:
- ☐ Antimicrobial Stewardship



Amrita OT Scheduler: Modules



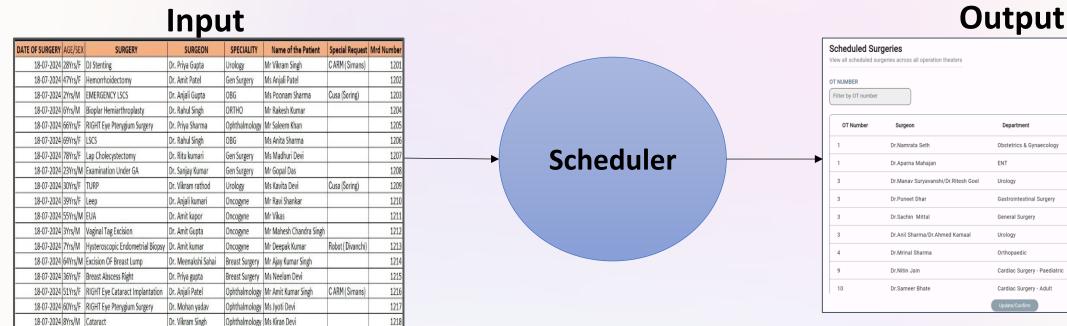






Scheduler Workflow

List of Surgeries



Scheduled surgeries

Improvement from 18% to 64% (manual to automated scheduling). OT utilization increased from 43% to 66%.

Start Tir

12:27

10:40

13:04

15:28

8:00

8:00

8:00

Tympanoplasty+Mastoidectomy

Laparoscopic Cholecystectomy

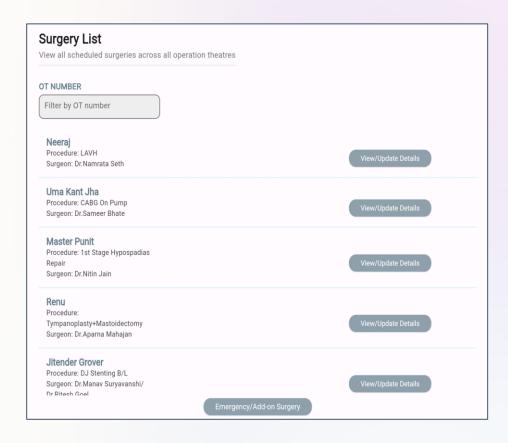
1st Stage Hypospadias Repair

Left TKR

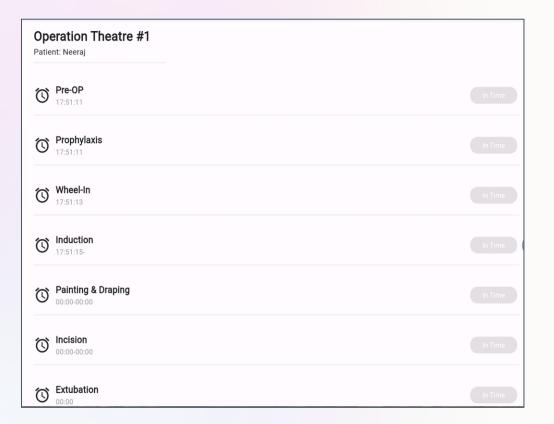
CABG On Pump

Event Monitoring: Workflow

Step1: Confirm patient details



Step2: Record In-time/Out-time



OT utilization increased from 43% to 66%.

Reports for Surgeries: Features



Utilization Rates

Track OT usage efficiency and identify improvement opportunities.



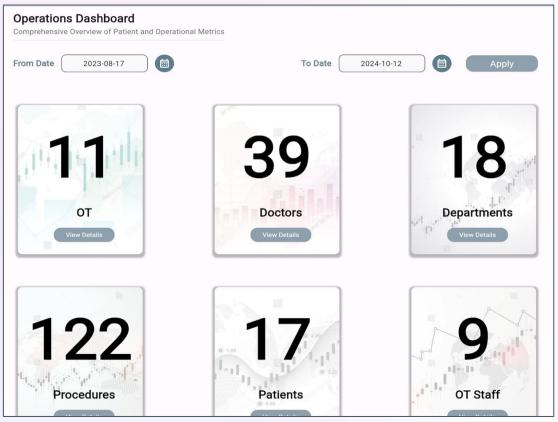
Performance Metric Analysis

Analyze individual and team performance metrics for continuous improvement.



Turnaround Times

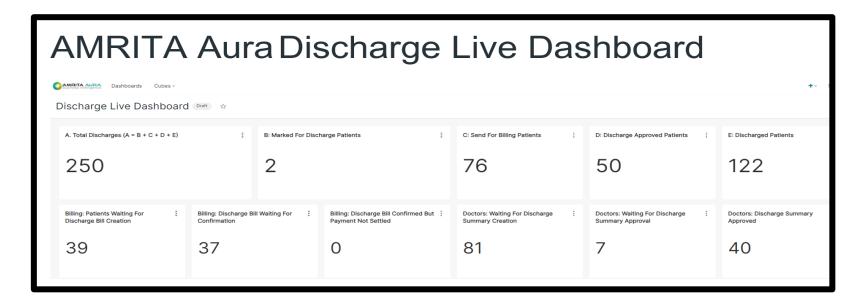
Monitor and optimize time between procedures for maximum efficiency.



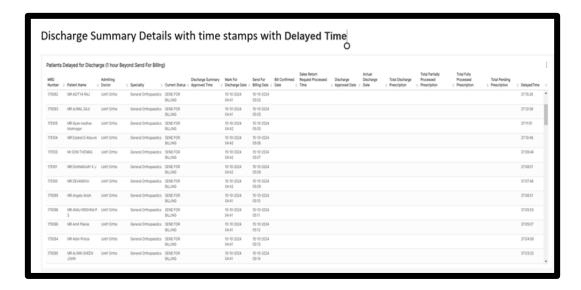
Dashboard Web Application Screenshot

Safe Surgery Checklist compliance improved from 78% to 100%.

Discharge: Pain Point - Dashboard

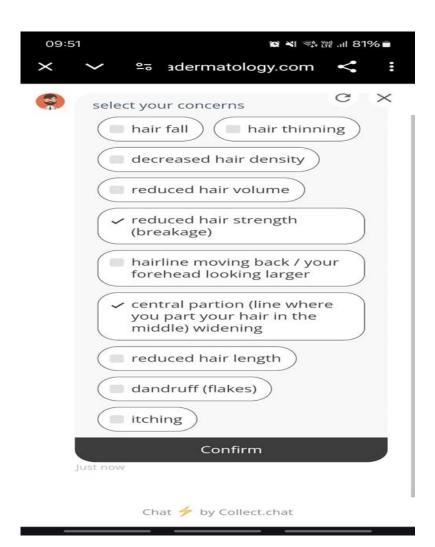


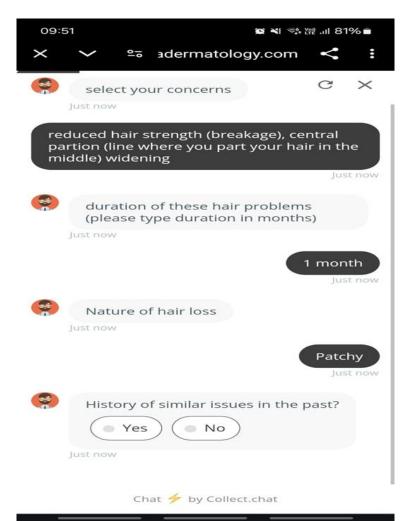
Discharge time improved by 2+ hours.
Introduction of a comprehensive OT dashboard.





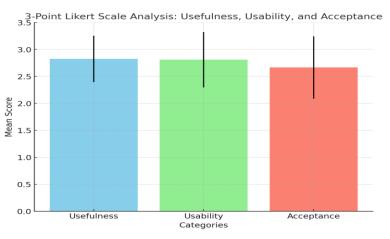
Chat Bot – UI (Dept of Dermatology)





Comparision Chatbot Group: Mean Consultation Time: minutes.17.46 minutes

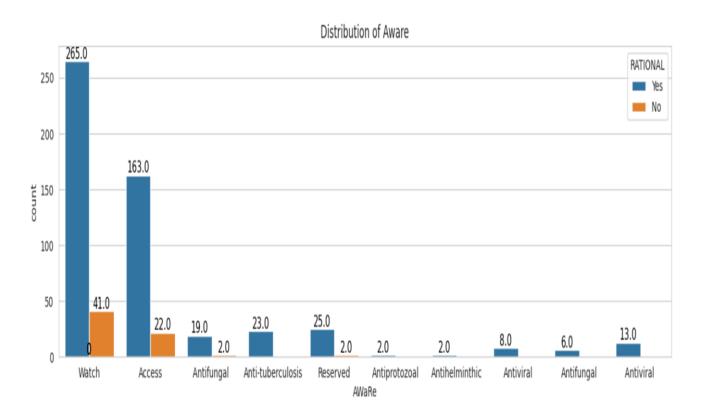
Gp2: 9.82 mts



Consultation time reduced from 22 to 10.5 minutes. Satisfaction rate increased from 77% to 89%.



Antimicrobial Stewardship



Word Cloud of Indication for Correct Rationality Word Cloud of Indication for Incorrect Rationality

