

REDUCING PRE-OPERATIVE FASTING >15HOURS FOR PATIENT UNDERGOING ORTHOPEADICS P3B SURGERIES

MEMBERS: DR PRACHI MOHITE, DR SUMANTH KUMAR GERA, DR MORRIS LEE CHIH CHUN, NC VIJAYARANI D/O NAVASIVAYAM, SSN IRIS HUANG SHI QI, SSN KATHERINE PHANG YIING YIING, SNM TAN CHAI ENG, NC ZHANG YUJIA, TAMMY WONG

WORKPLACE / PATIENT SAFETY
 PATIENT EXPERIENCE

INNOVATION AND PRODUCTIVITY
 GREEN & SUSTAINABILITY

Define Problem, Set Aim

Problem Statement

Between Nov 2022 – Apr 2023, patient undergoing emergency surgery for P3b* orthopaedics cases experienced a median of 31% of preoperative fasting ≥ 15 hours in NTFGH.

*P3b – Surgery triage system which indicate time to surgery within 24 hrs.

Aim Statement

Reduce the preoperative fasting ≥ 15 hours for patient undergoing emergency orthopaedics (P3b) surgery in NTFGH from 31% to 5% by Mar 2024.

Establish Measures

Outcome Measure:

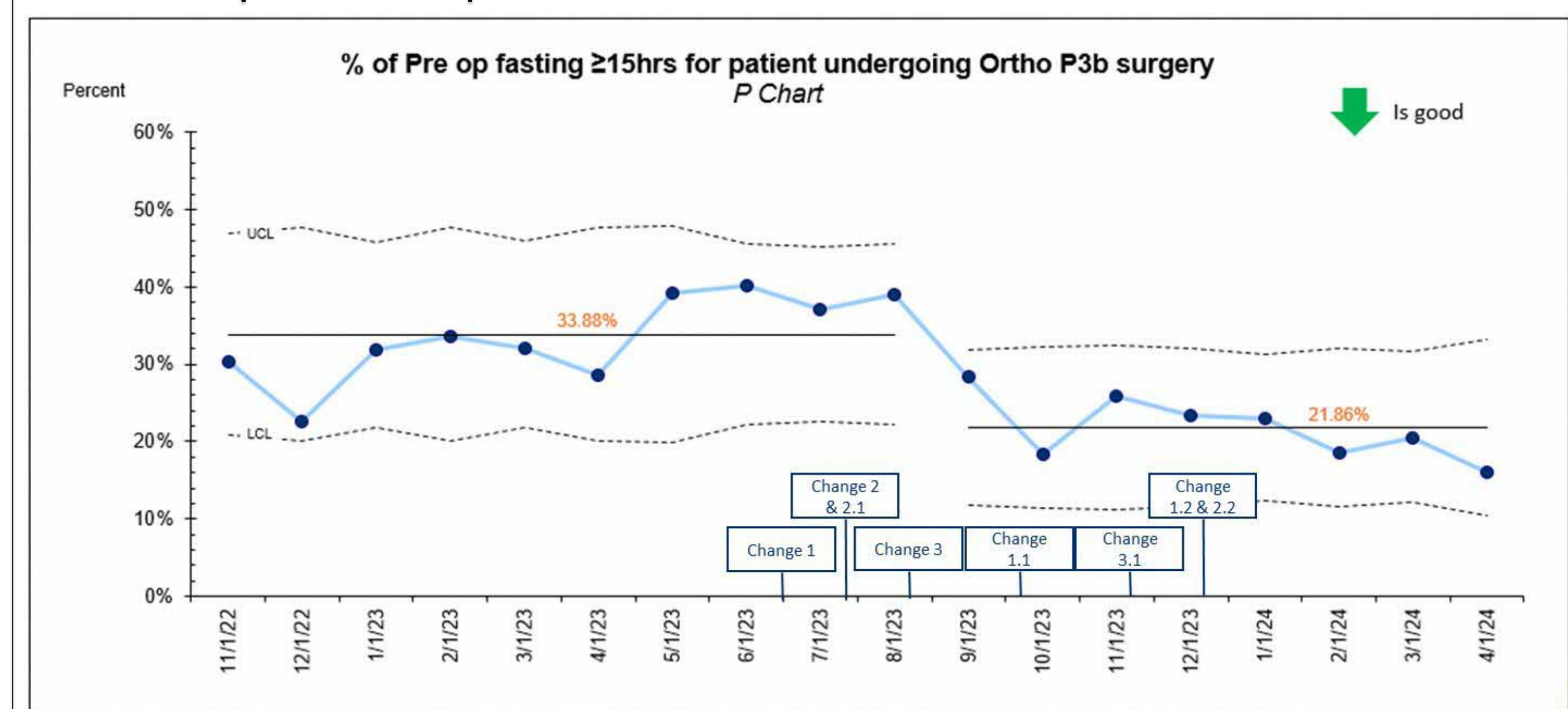
- % of preoperative fasting ≥ 15 hours for patient undergoing emergency Orthopaedics (P3B) surgery

Process Measures:

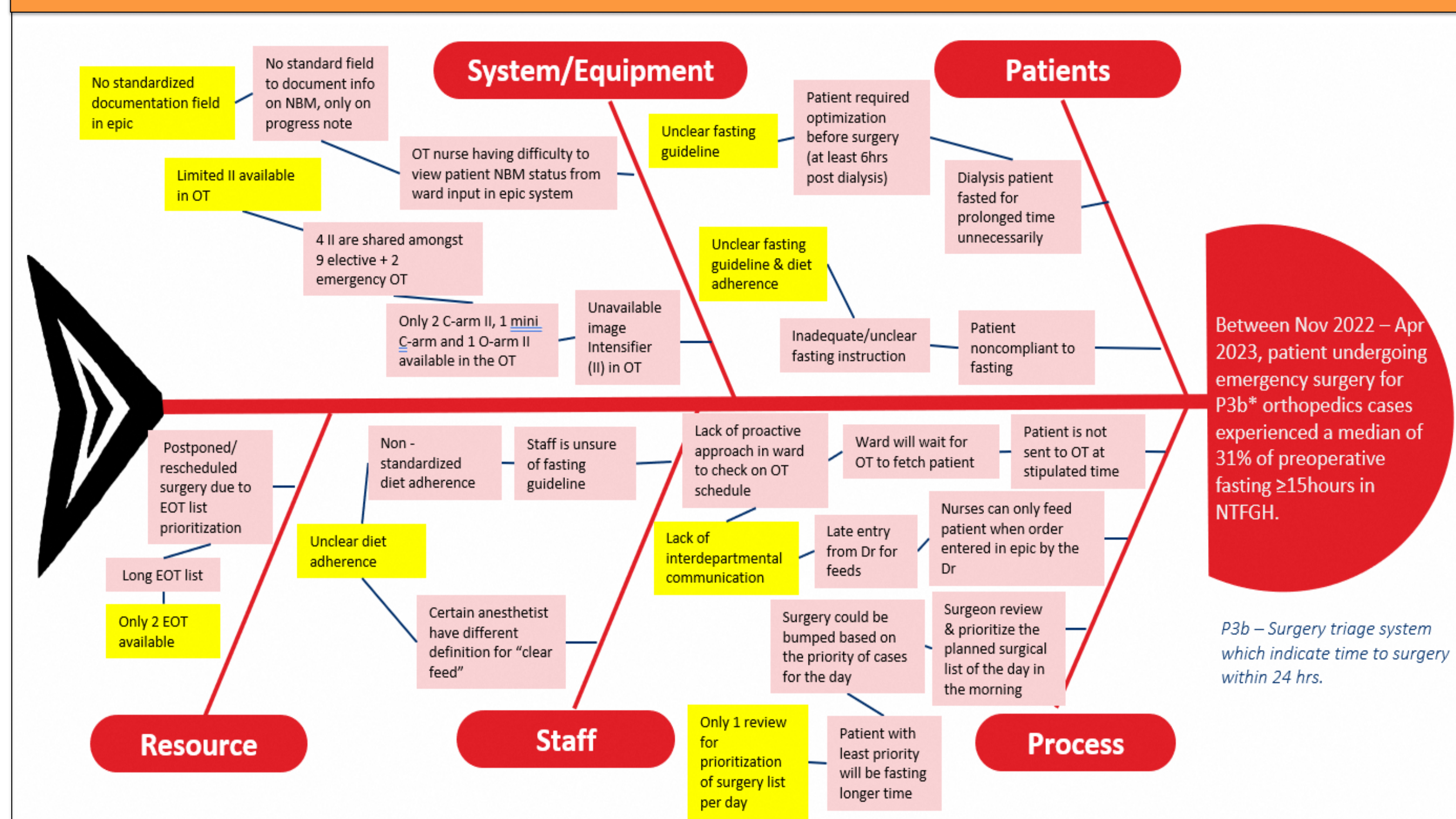
- Average duration of preoperative fasting for patient

Balancing Measure

- Post-operative aspiration rate

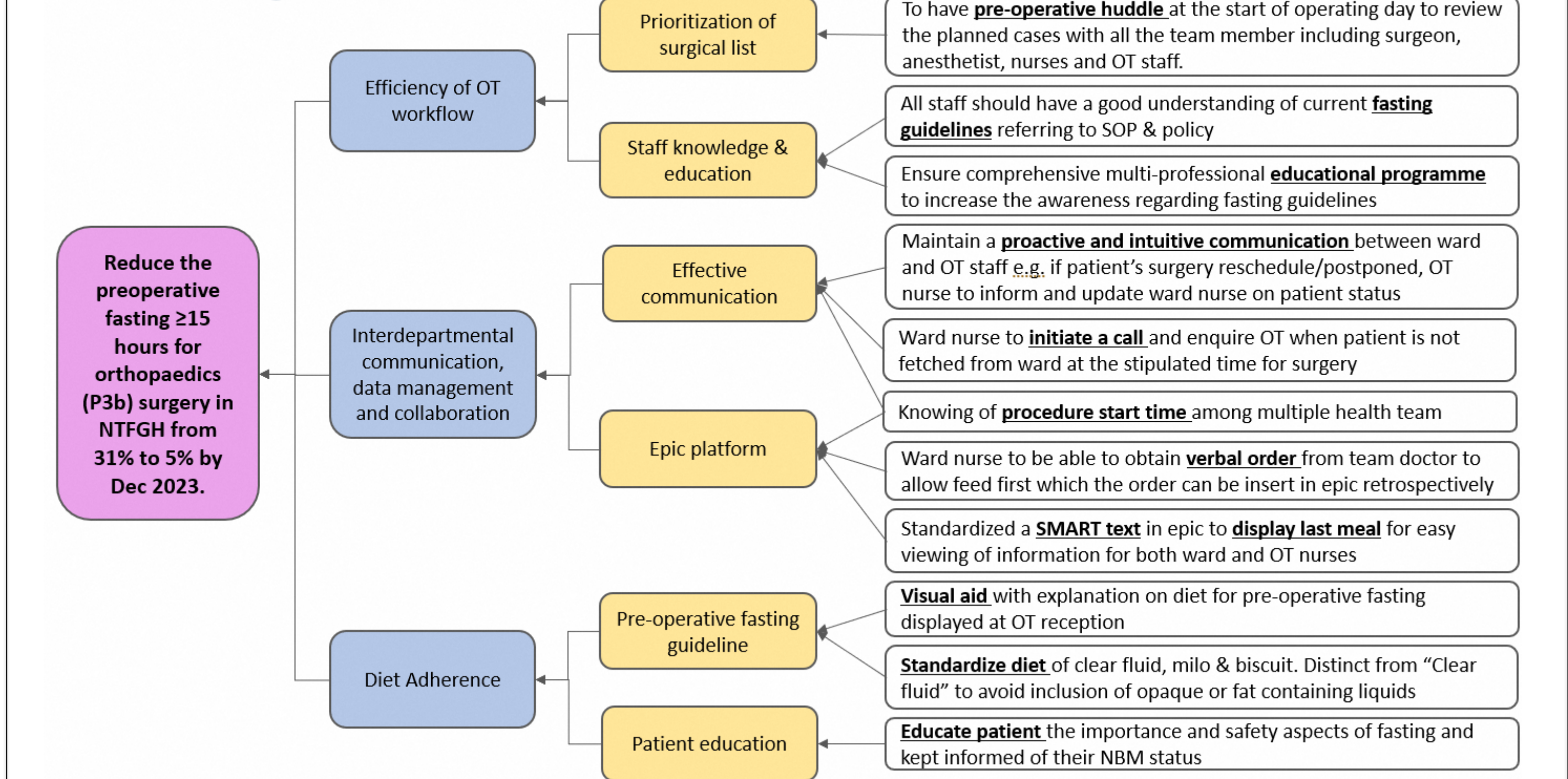


Analyse Problem

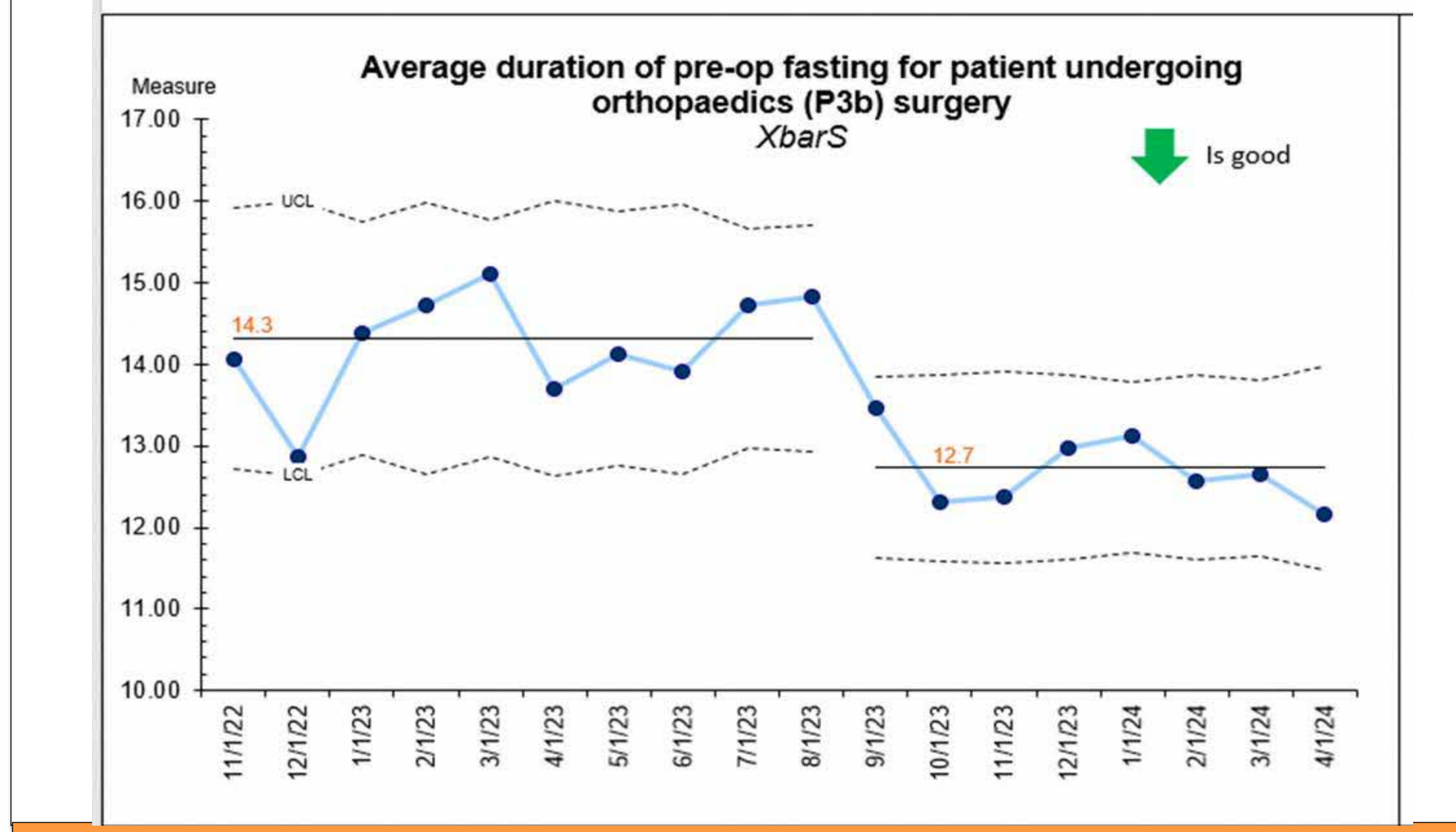
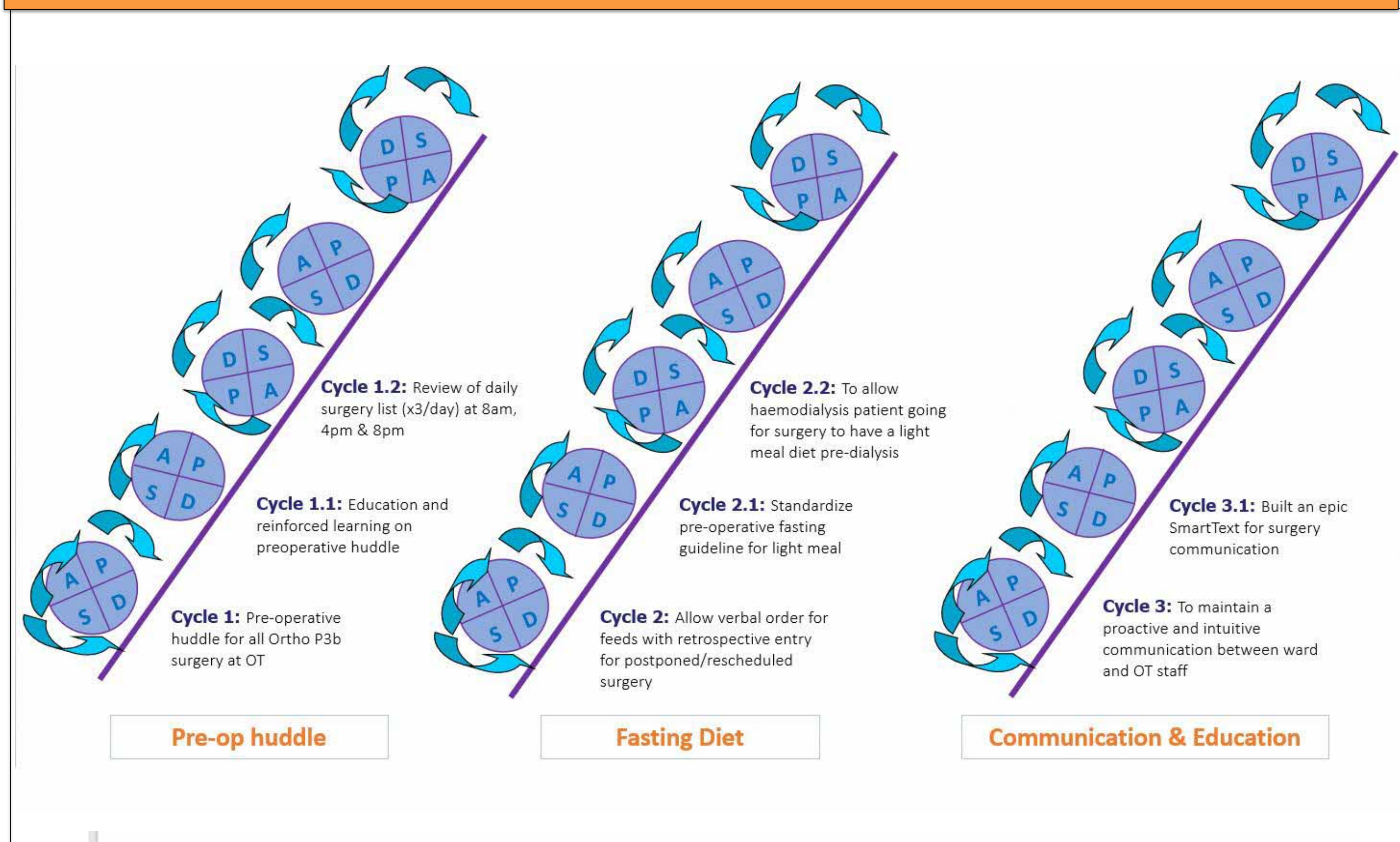


Select Changes

Driver Diagram



Test & Implement Changes



Spread Changes, Learning Points

- Nurses were empowered to make decision and allow feeds to patient when surgeries were delayed or postponed based on verbal order from the physician, rather than waiting for a formal entry in epic.
- The streamlined process of patient care for surgeries between inpatient and operating theatre enhanced both nurse satisfaction and operational efficiencies.
- The improved workflow leads to increased patient satisfaction and fewer complaints.

Scan to VOTE!

for.sg

Ng Teng Fong General Hospital

Jurong Community Hospital