

Summer Training At



INTRODUCTION -

- Utilization efficiency of the OT refers to time lag between the two consecutive surgical procedures and the efficiency with which the OT runs according to the scheduled plan.
- Turnover time may be defined as the length of time that starts when one patient leaves the OT and ends when the next patient on the schedule enters the same OT.
- Non Productive Time refers to the time takes place apart from the actual surgical procedures. E.g.. Delay ,cleaning, OT preparation etc.

OBJECTIVES-

- To determine the non productive time during the turnover and overhaul to increase overall productivity.
- To determine the delays in surgical procedure.
- To determine the reasons behind the long turnover periods and delay in surgeries.

RESEARCH METHODOLOGY -

Study Type : Descriptive Research

Study Sample: Surgical procedures in all the 7 OT's at the 5th floor
Performed in the month of April and May 2016.

Study Period : 2 Months (1st April to 31st May, 2016)

Sampling Technique: Purposive Sampling

Data Collection : 200 Surgeries

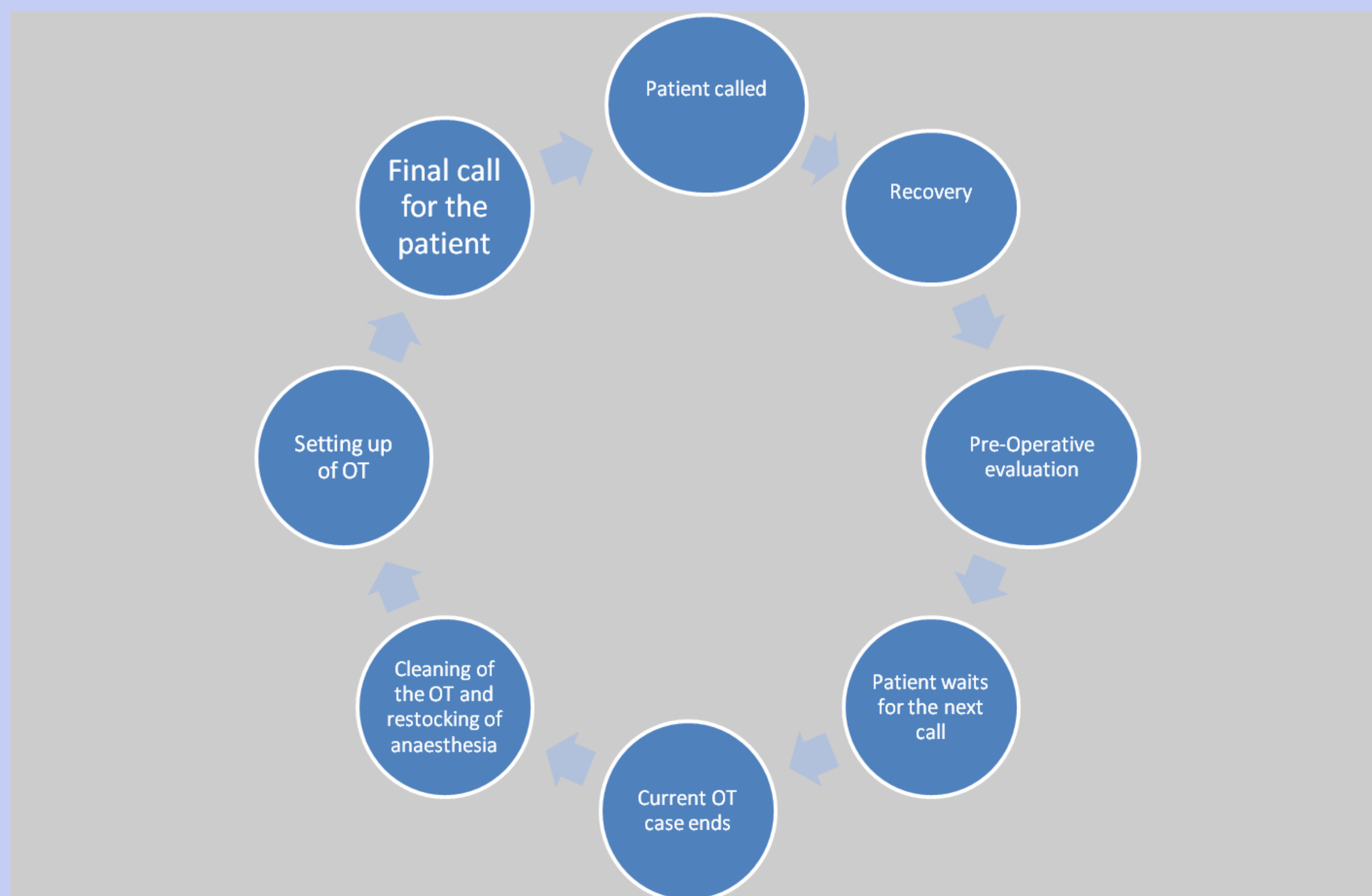
FINDINGS -

AVERAGE NON PRODUCTIVE TIME = 36 MIN

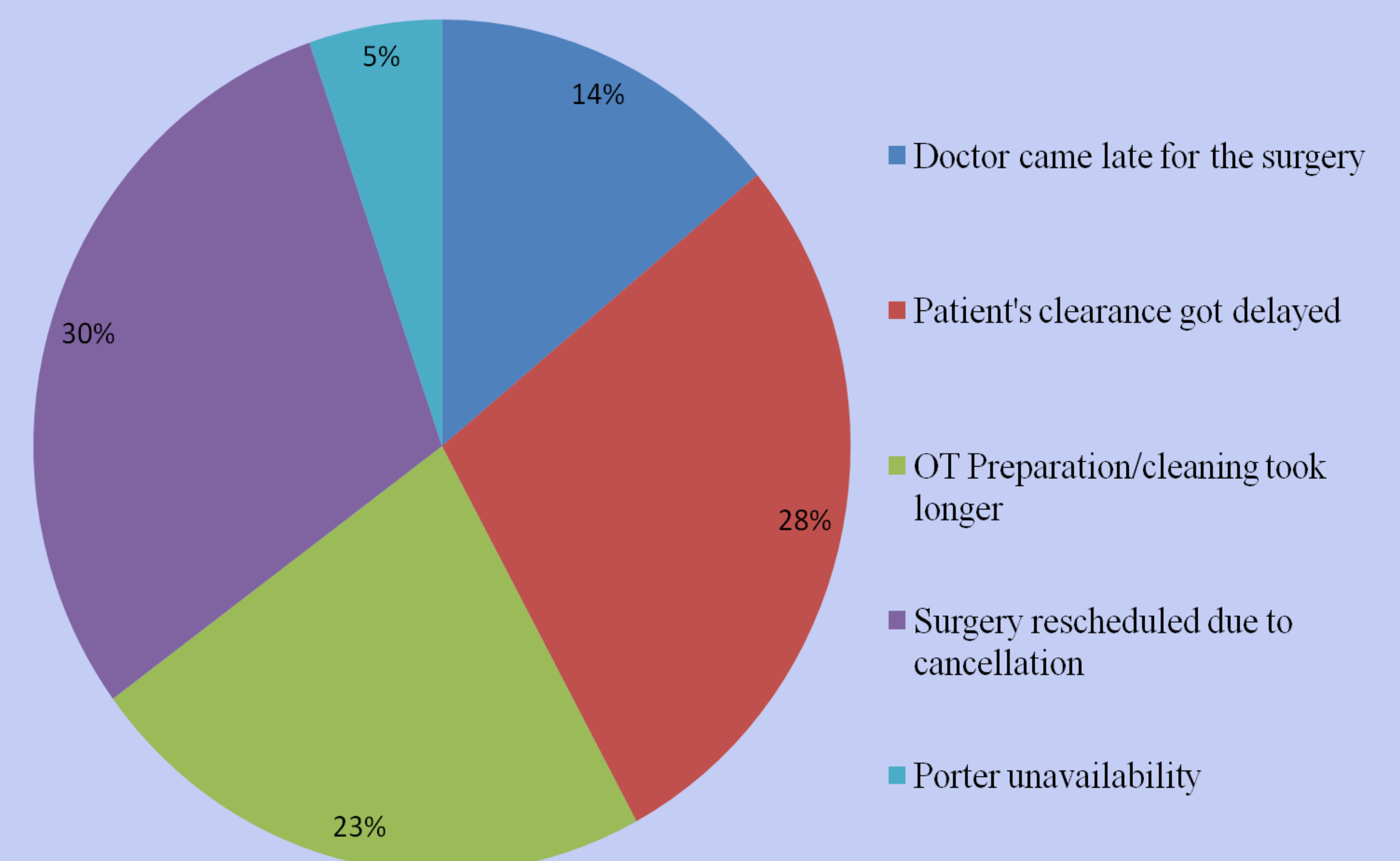
AVERAGE DELAY TIME = 21 MIN

78.3% of cases are taking above 20 minutes of TURN OVER TIME

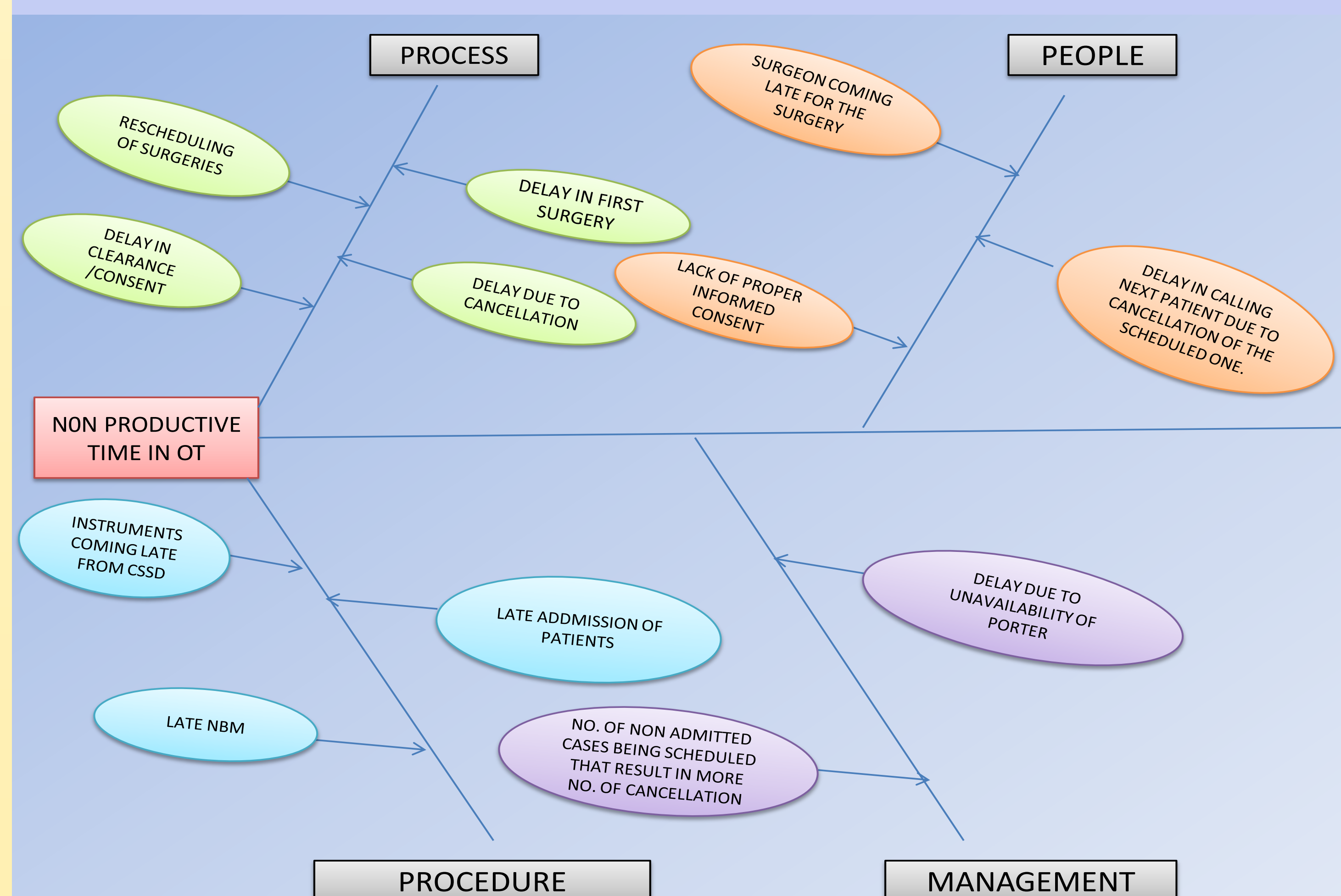
Process flow in Operation Theatre



Reasons for increase in Non Productive Time



Fish Bone Diagram (Effect and Causes)



RECOMMENDATIONS

- ❖ Patient clearance should be done prior to one day before the surgery. . (CONSENT, TPA, HHH REPORT, 2D ECHO REPORT etc....)
- ❖ Reducing the number of cancellation by reducing the delay time that takes place in handing over of patient's clearance.
- ❖ Limiting the number of non admission cases that eventually falls into cancellation and that leads to rescheduling of the surgeries.
- ❖ Can minimize some time from the Ophthalmic surgeries.
- ❖ A Digitalized monitor in the OT that shows which surgery going to perform or happen in which of the OT with proper information about the patient, calling time and patient clearance status.(INNOVATIVE H.M.S)

PRESENTED BY-

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