

DECISION OF NUMBER OF OPERATION THEATRES IN A HOSPITAL

PLAN –

How many new operation theatres (OTs) are needed to be built in a hospital? The decision to understand the number of OTs required should be based on the data available with the hospital.

3 Types of Operation theatres

- Gynecology
- Eye
- Surgery & Ortho

*1 free OT has to be there all time for emergency case

PREPARE –

The budget for the project, source of funding and the timeline for the execution.

PROCESS –

Data should be collected for the various factors decided during the planning stage.

Various factors to be considered are:

1. Number of incoming patients per day for each department
2. Number of patients operated per day by each department
3. Number of total patients operated by each department
4. Number of emergency operations per day for each department
5. Timing of admission of critical patients requiring emergency operations

ANALYZE –

Based on the data, let us say we understood that surgery department has the highest number of operations and also the highest number of emergency cases, next is Orthopedics.

Gynecology and eye departments need its separate OTs.

Gynecology has a higher requirement for OTs, while eye department need less OTs.

Based on the timing of admission of critical patients, it is understood that orthopedics operations in the Surgery & Ortho OT should be scheduled during daytime and should be left free during the nighttime.

SHARE –

The insights based on the trends are to be shared with the management of the hospital.

ACT –

Based on the trends, the next course of action is to be taken, i.e., building new OTs and division of the same to each department.