

INTRODUCTION:

The unavailability of surgical instruments represented around 40% of equipment-related incidents in the Operation room Each incident induces an average of 12 min of extra work for the Operation room team and 5 min of delay, and moreover, it increases the potential for errors in the Operation room The importance of having sterilized surgical instruments available on time for each procedure shows the need for a high quality management.

AIM:

- To reduce the turnaround time of central sterile supply department in context with operation room in Kokilaben Dhirubhai Ambani hospital, Mumbai

OBJECTIVES:

- To study the process flow of CSSD.
- To assess the turnaround time of supplies coming from the operation theatre.

METHODOLOGY:

Study Design: Descriptive study

Sample Size: Departments: Central Sterile Supply Department Sample size: 600

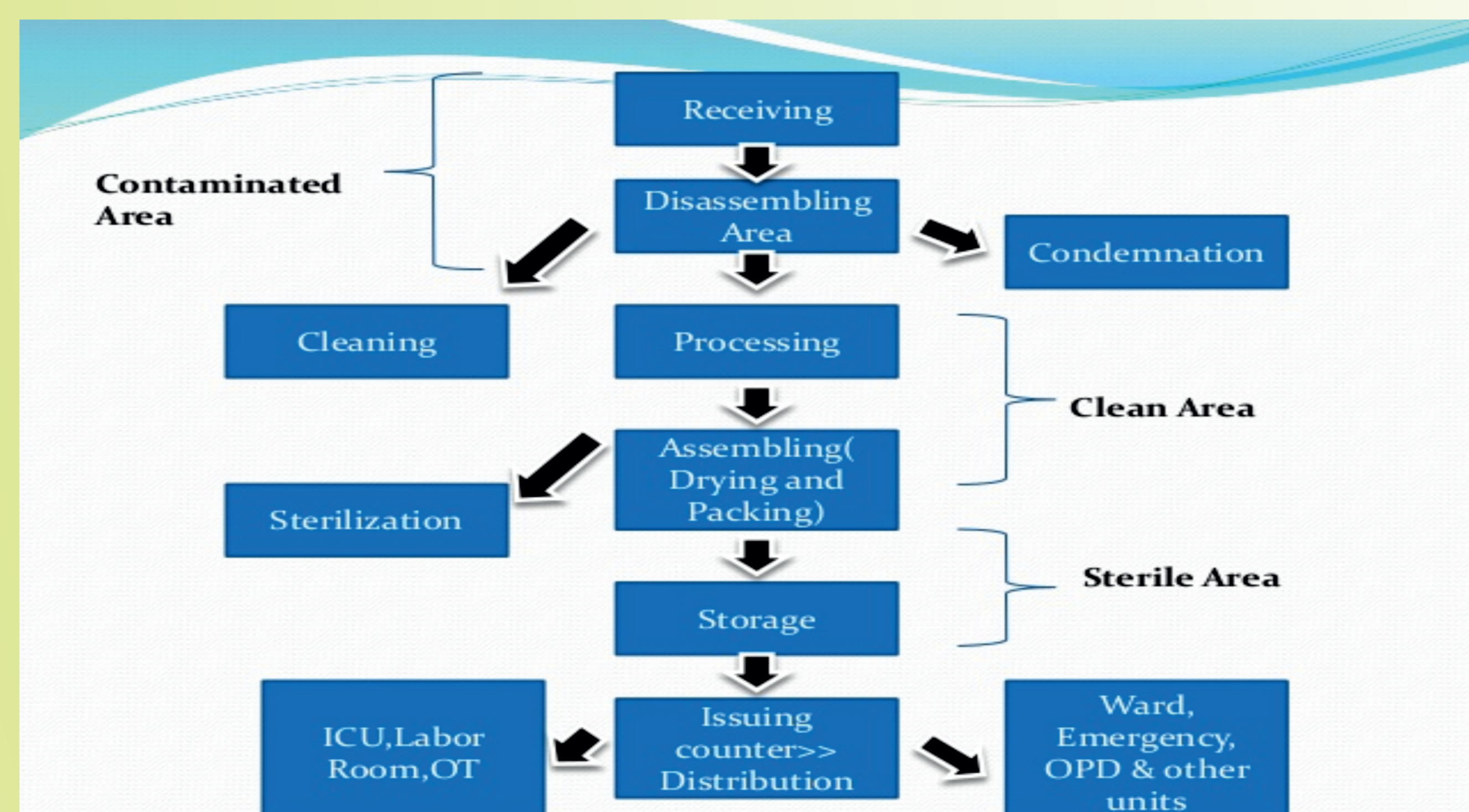
Study Area: Kokilaben Dhirubhai Ambani Hospital, Mumbai

Sample Method: Convenience sampling

Sample Criteria: 600 sample is bifurcated into four steps, OT to CSSD consists of 100 samples, decontamination consists of 200 samples, assembly and packing consists of 200 samples, and sterilization consists of 100 samples

Tools: Self-administered tabulated format

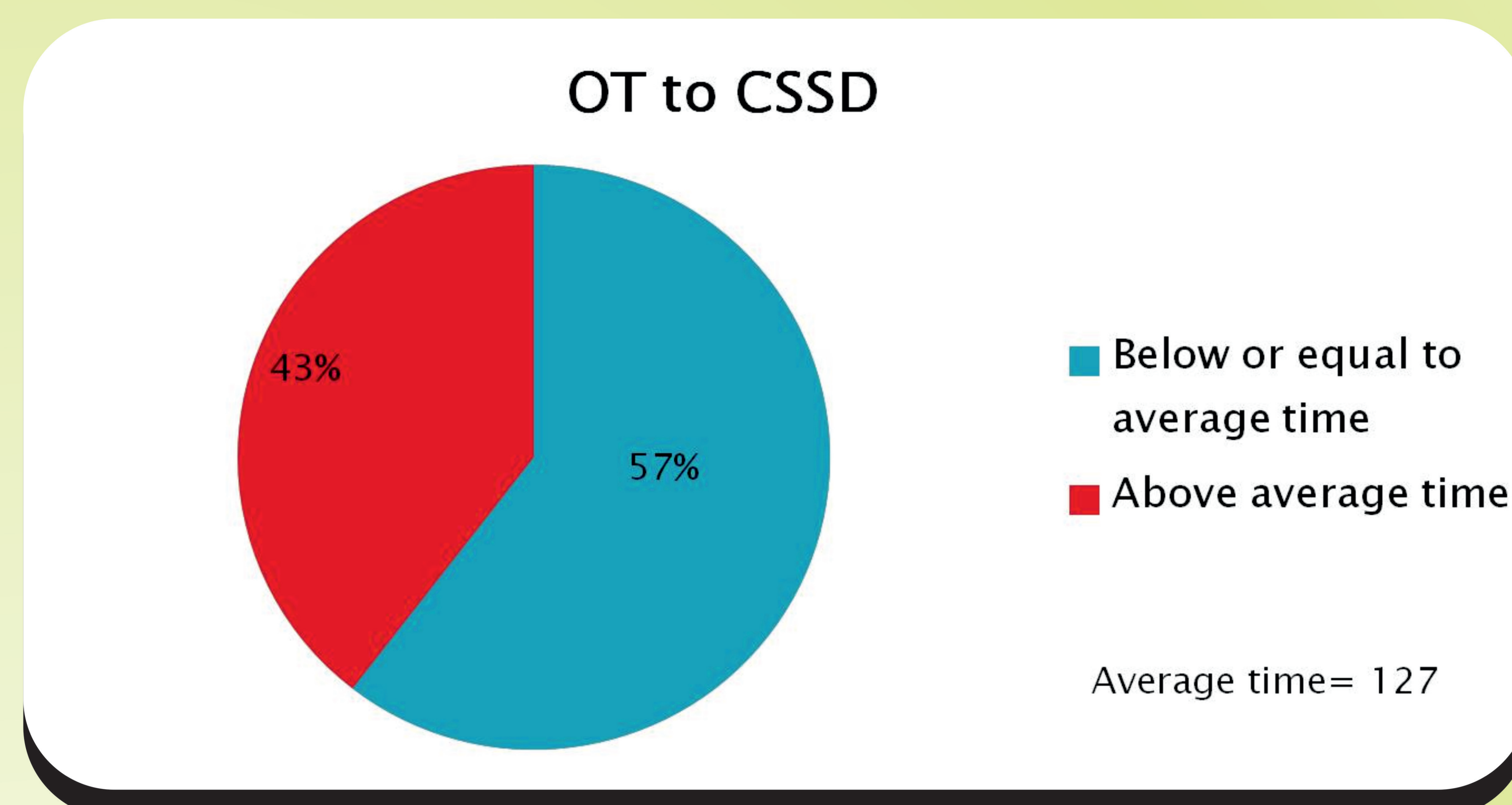
PROCESS FLOW



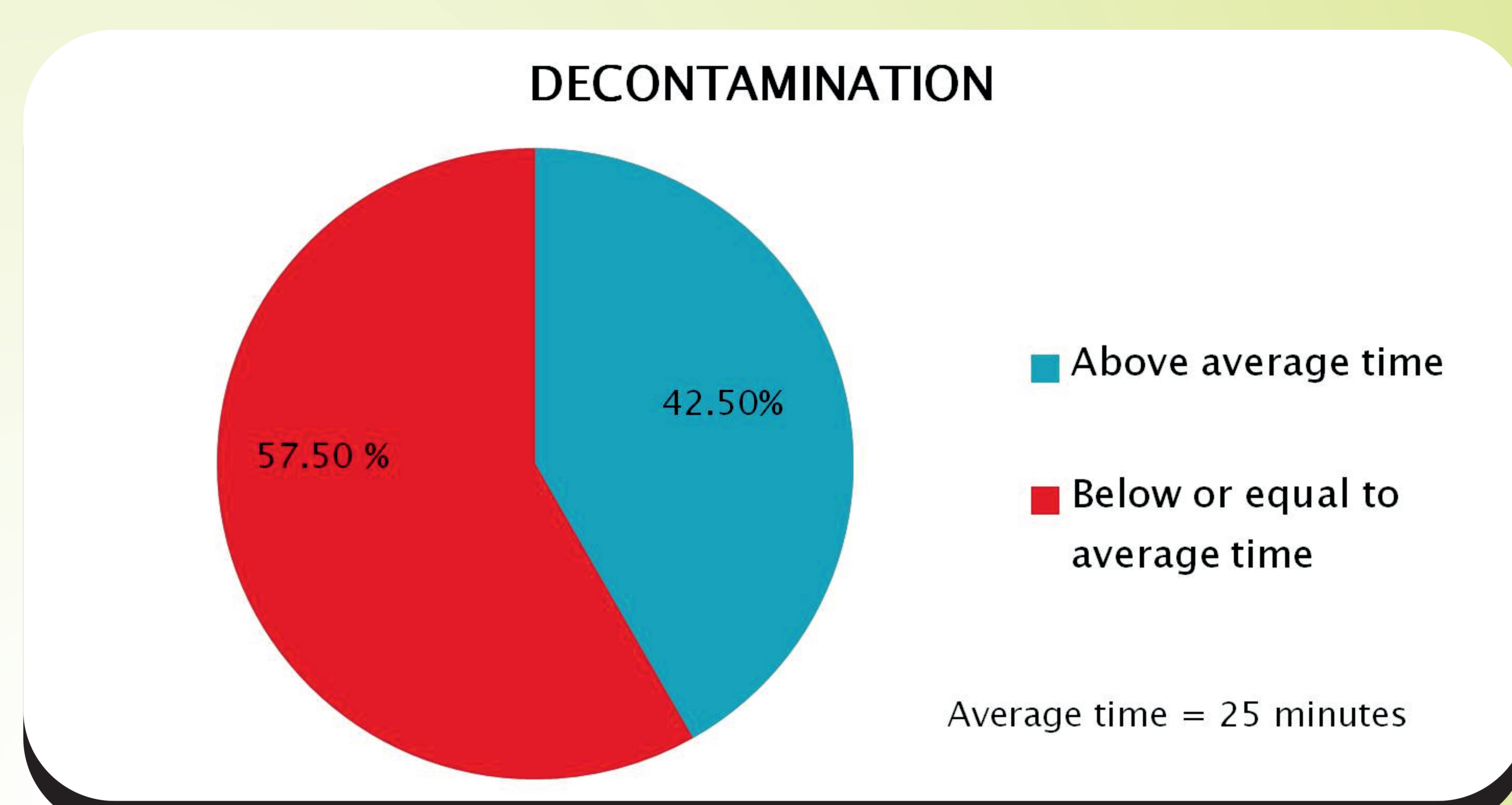
PROJECT BY: Dr. Trishla Jain
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FINDINGS:

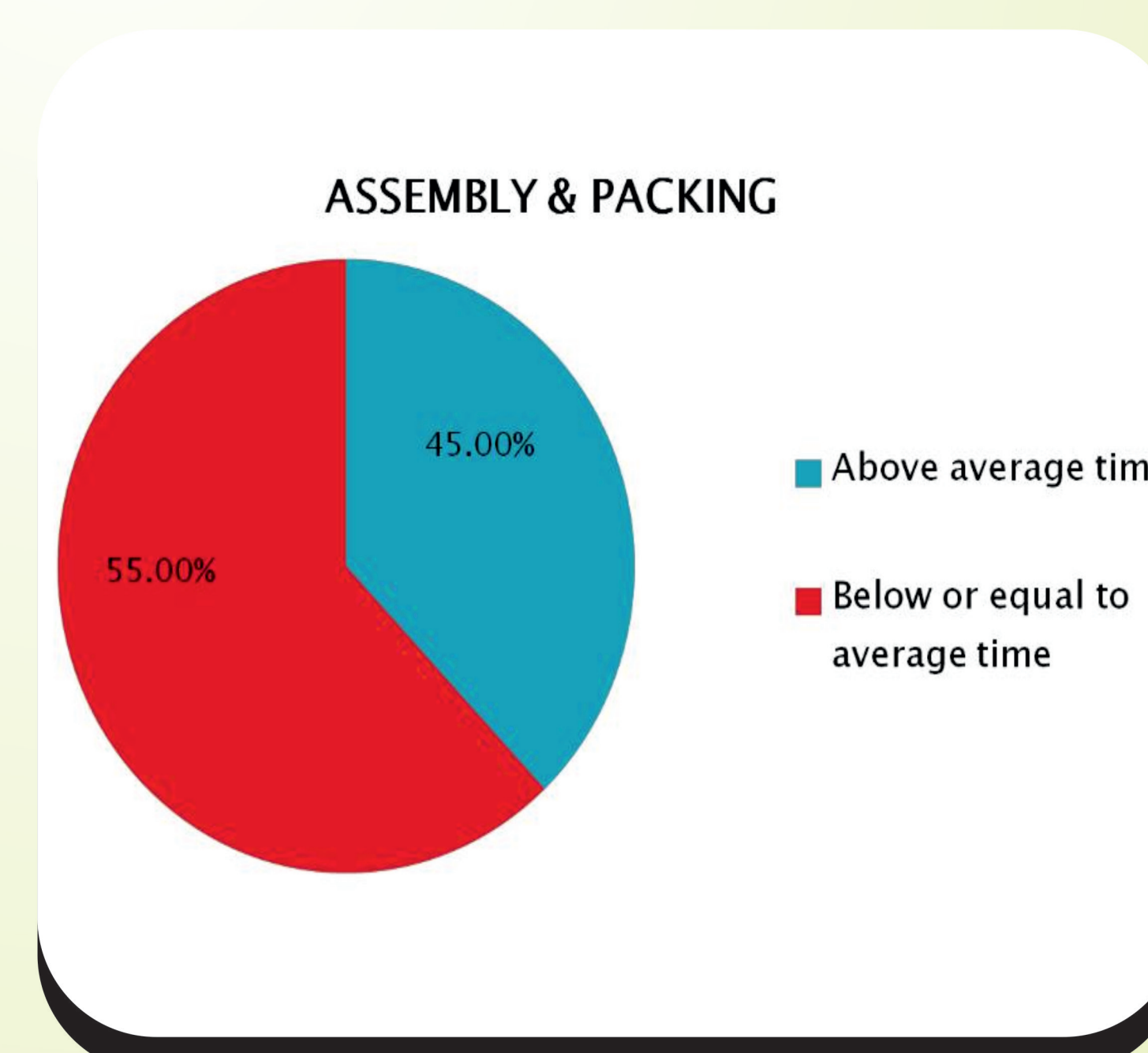
1. Out of the total 100 sample 43 set of instrument took more than the average time to reach from OT to CSSD.



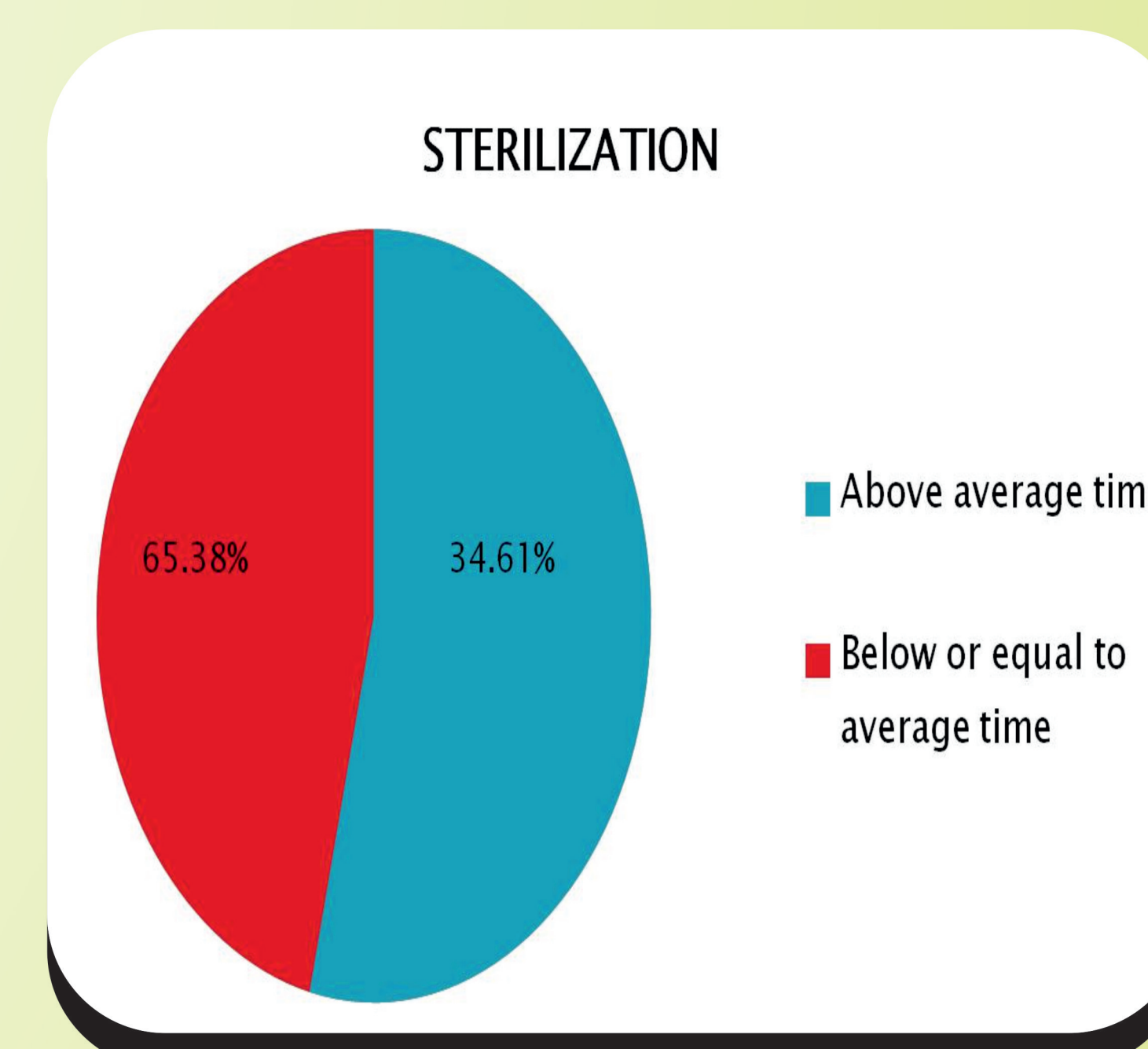
2. Out of 200 sample 90 set of instrument took more than the average time for the decontamination process.



3. Out of 200 sample 85 set of instruments took more than average time.



4. Out of 100 samples taken 40 samples took more than average time.



RECOMMENDATIONS:

1. There should be proper communication between the staff of OT and the staff of CSSD.
2. The person who made the call should make sure that the instruments for which he is calling is sent right away to avoid the confusion.
3. In case of emergency sets coming from OT to CSSD, most of the space in the elevator is unutilized, that space can be utilized with the other sets.
4. Unused instruments should be aside by the checker, which is not being used in the procedure, as it will save the time of sterilization process.
5. The department should have the proper flow chart of the whole process, so that the new staff won't get confused and won't get involved in other activity.
6. New staff should get the proper training so that they do not cause any delay.
7. Drying time can be reduced by using the air dryer for the drying of instruments.

CONCLUSION:

CSSD plays an important role in the successful completion of the surgery along with the patient needs in the other department.

By reducing the turnaround time of CSSD we can directly or indirectly contribute to the patient satisfaction.