

INTRODUCTION:

CSSD was established to centralize the decontamination, assembly & packing and sterilization of instruments. This study focuses to study the process flow of CSSD and to analyze the turn around time of instruments coming from Operation Theatre.

OBJECTIVES:

- 1. To study the process flow of CSSD.
- 2. To assess the turn around time of supplies coming from the Operation Theatre.

METHODOLOGY:

Study Design:

Descriptive study

Study Area:

Kokilaben Dhirubhai Ambani Hospital, Mumbai

Sample Criteria:

A total of 600 samples were collected in CSSD department. I have bifurcated my entire sample into four process that goes in CSSD, out of which 100 samples were collected while instruments come from OT to CSSD, 200 each were collected in decontamination and assembly & packing. The other 100 were collected during the sterilization process.

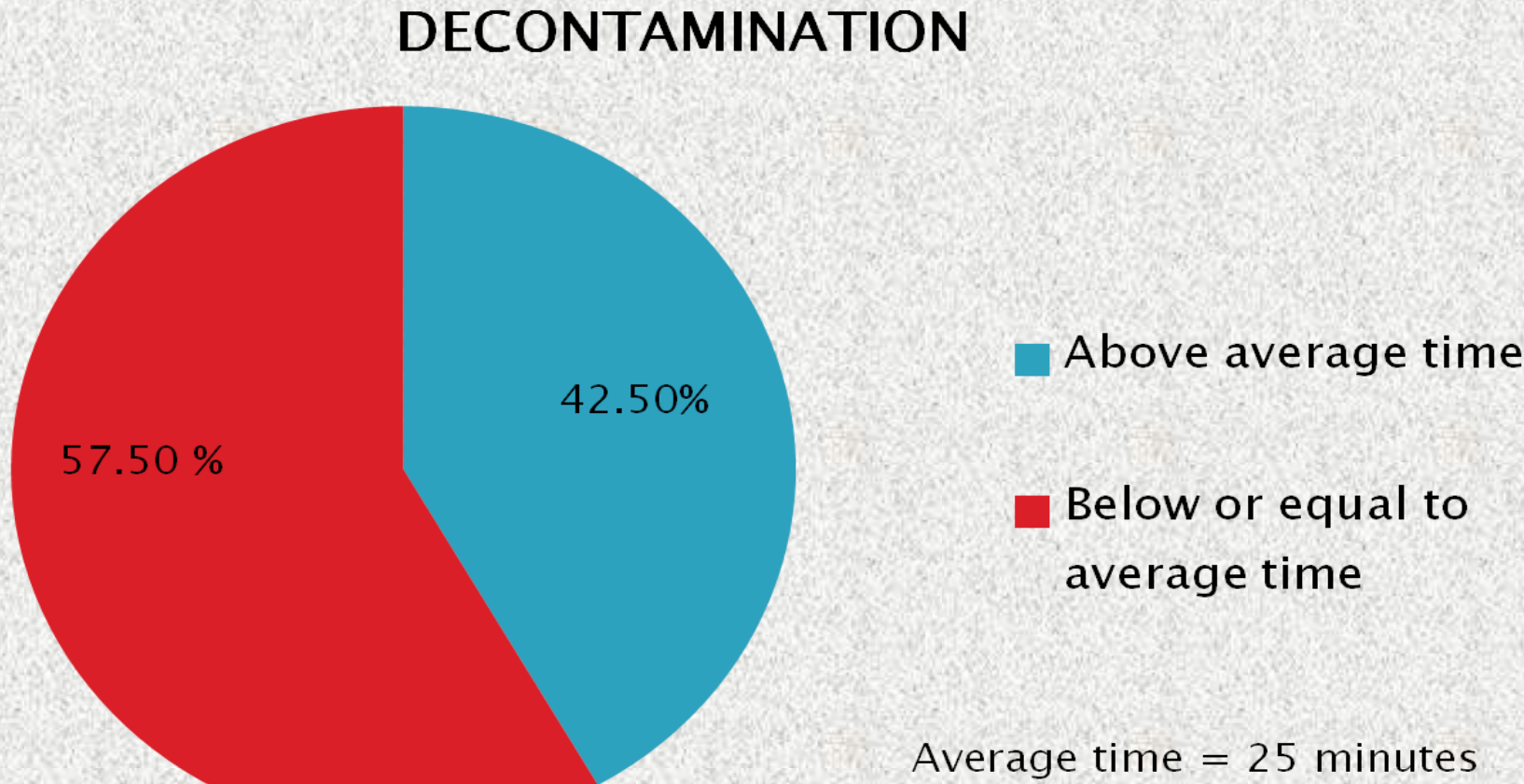
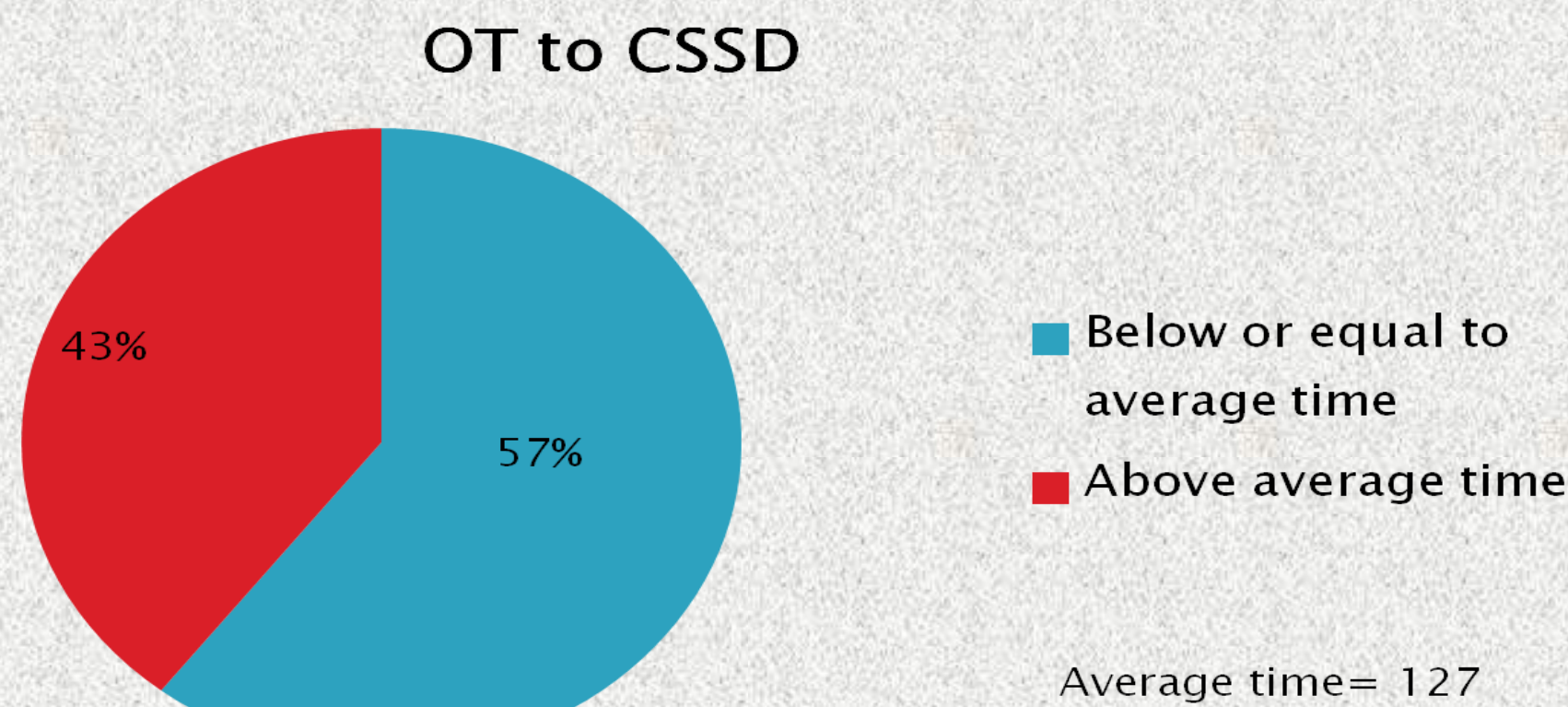
Tools:

Self-administered tabulated format

FINDINGS:

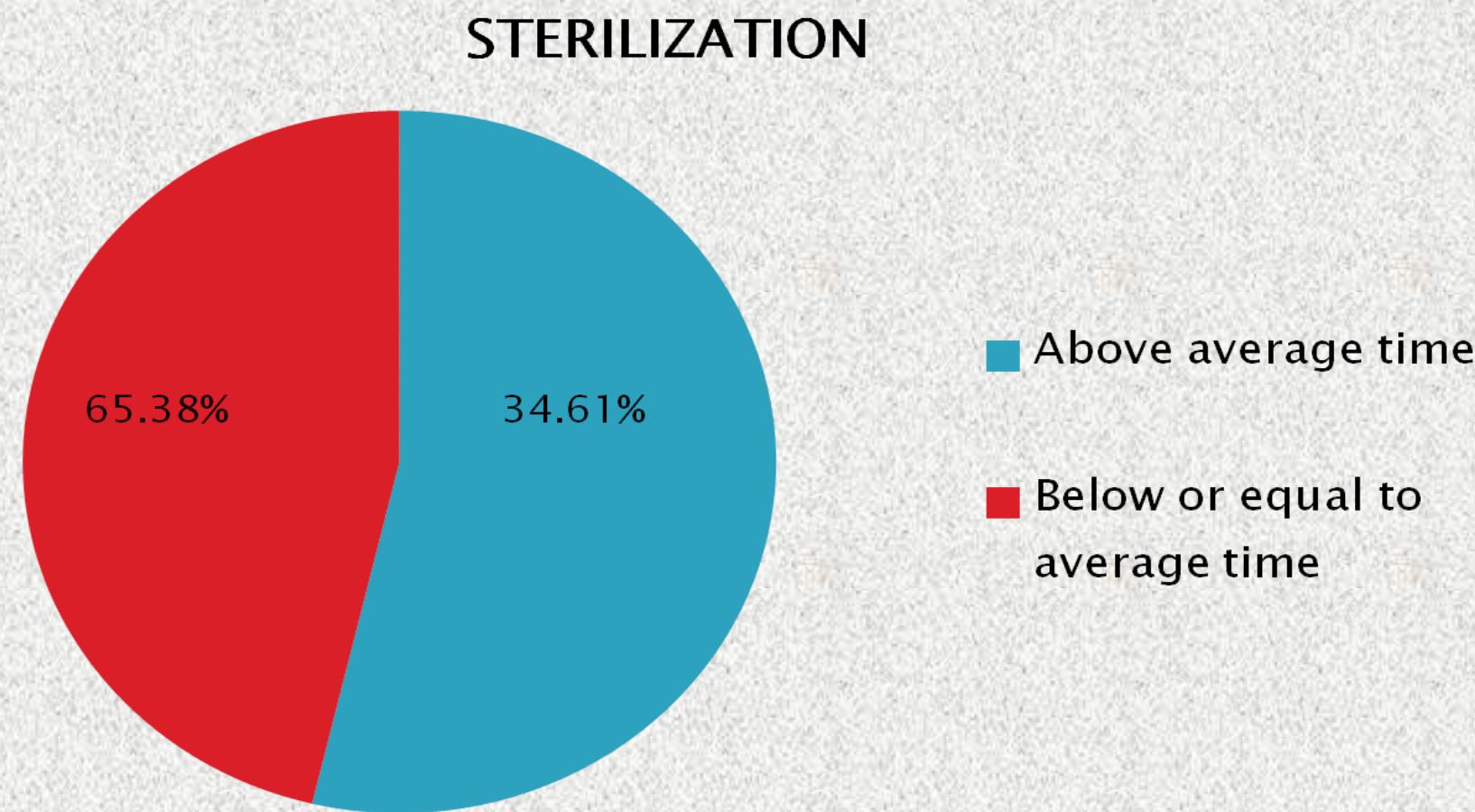
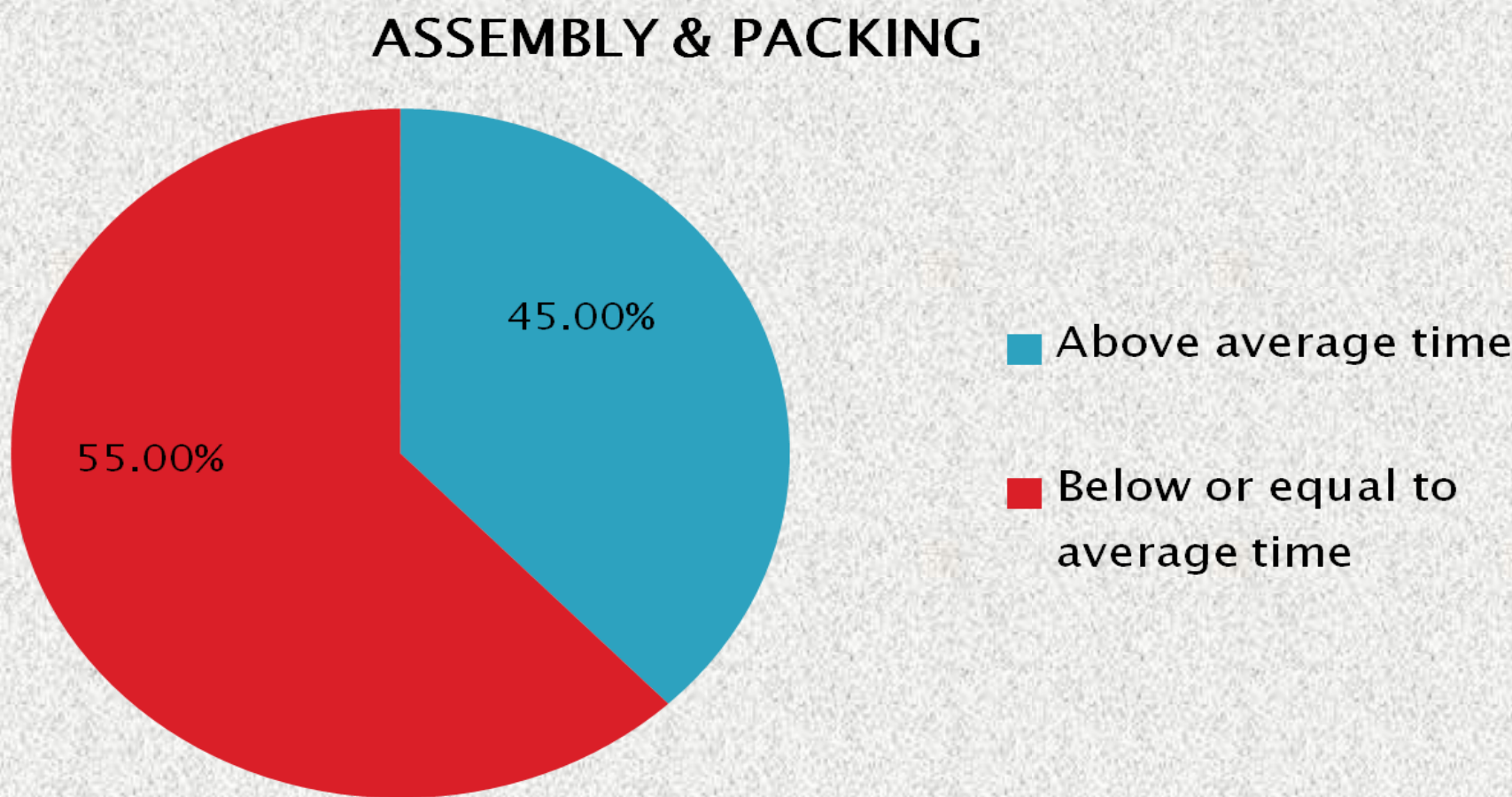
- 1. Out of the total 100 sample 43 set of instrument took more than the average time to reach from OT to CSSD.

- 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. In case of emergency sets coming from OT to CSSD, elevator is sent only with emergency sets. Most of the space of the elevator is unutilized. At that time, normal sets can also be sent after naming them as normal or emergency in order to avoid confusion.
- 2. Name tag of each set should be printed beforehand to avoid delays.
- 3. Unused instruments should be separated while in OT if they are not being used in the surgical procedure as it will save time.
- 4. Staff work should be divided so that they don't get busy in other work and thus reducing the delay.
- 5. Drying time can be reduced and instead air blower can be used to dry the instruments.

CONCLUSION:

The CSSD plays a very important role in the successful completion of a surgery along with the patient care needs in other departments such as ward, OPD, ICU. If we can reduce the turn around time of instruments from CSSD, we can contribute to reduction in delay in OT and thus we can increase the patient satisfaction indirectly.