

A collage of medical-related images including a hand with dark nail polish, a stethoscope, a blood pressure cuff, a medical chart, and a dial gauge, all overlaid with a teal semi-transparent rectangle containing text.

DISSERTATION PRESENTATION

on

**Study on turnaround time of discharge process for
cash and insurance patient**

CONTENT

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2. Objectives
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INTRODUCTION

The objective of setting up a CSSD is to make reliably sterilized instruments at the needed time and place and for any agreed use and as economically possible in the hospital.

The goal of this study was to observe that the multi-specialty clinic had proper protocols and policies, and was up to the mark with Sharjah Health Authority, and to check for any possible bottlenecks.

The main objectives of the Central Sterile Supply Department are:

1. To provide sterilized material from a central department where sterilizing practice is conducted under conditions, which are controlled, thereby contributing to a reduction in the incidence of hospital infection.
2. 3. To avoid duplication of costly equipment, which may be infrequently used
4. To maintain record of effectiveness of cleaning, disinfection, and sterilization process

OBJECTIVE OF THE STUDY

The following objectives were kept in mind while conducting the study-

- To establish and maintain standardized procedures for sterilization of different articles used in the hospital.
- To study the standard operating process for sterilization in Central Sterile Supply Department
- To study the quality control mechanism in Central Sterile Supply Department

METHODOLOGY

Study setting: CSSD unit/ department at Damas Orchid Medical Center, Sharjah.

Type of study: Descriptive and observational

INCLUSION CRITERIA AND EXCLUSION CRITERIA

Inclusion Criteria: Management staff, doctors and nursing staff of CSSD & OT having one or more years of experience and patient are being included.

Exclusion Criteria: Staff with less than 6 month of experience will be excluded

Sampling Method: Convenience sampling.

Mode of Data collection: Observation methods

iii. Study tools Questionnaire and personal interview

Sampling Method: Convenience sampling.

Sample size: Sample size of the study was 25, out of the total sample 5 samples will be management staff, and 7 doctors, 10 nursing staff of CSSD & OT and 3 OT helpers.

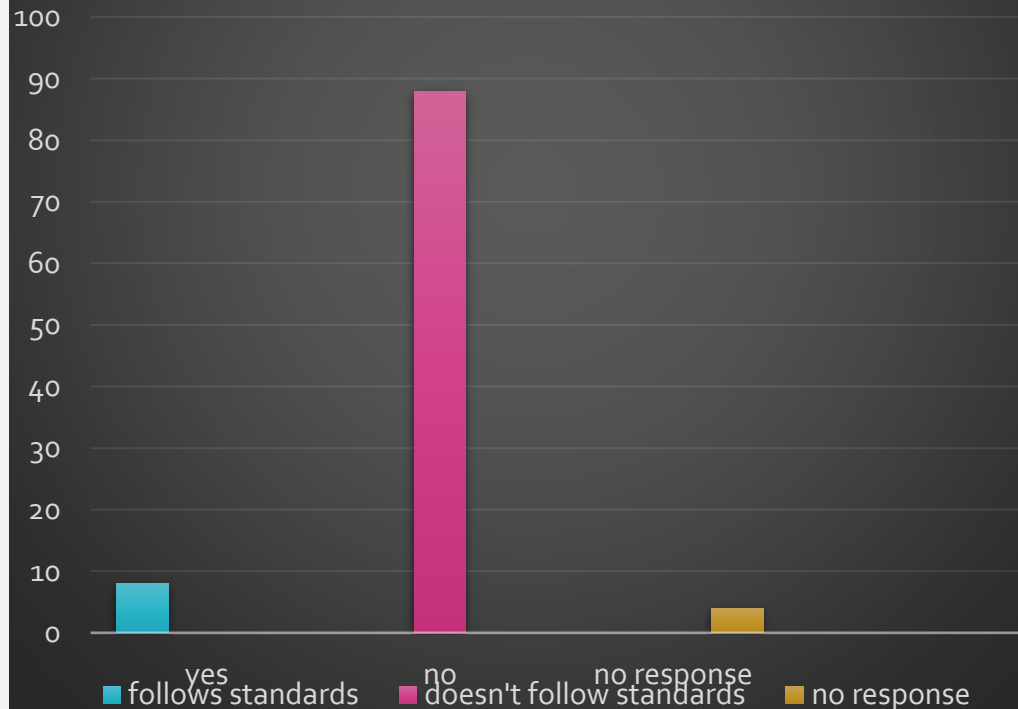
Mode of Data collection: Observation methods

Type of Data: Quantitative

:

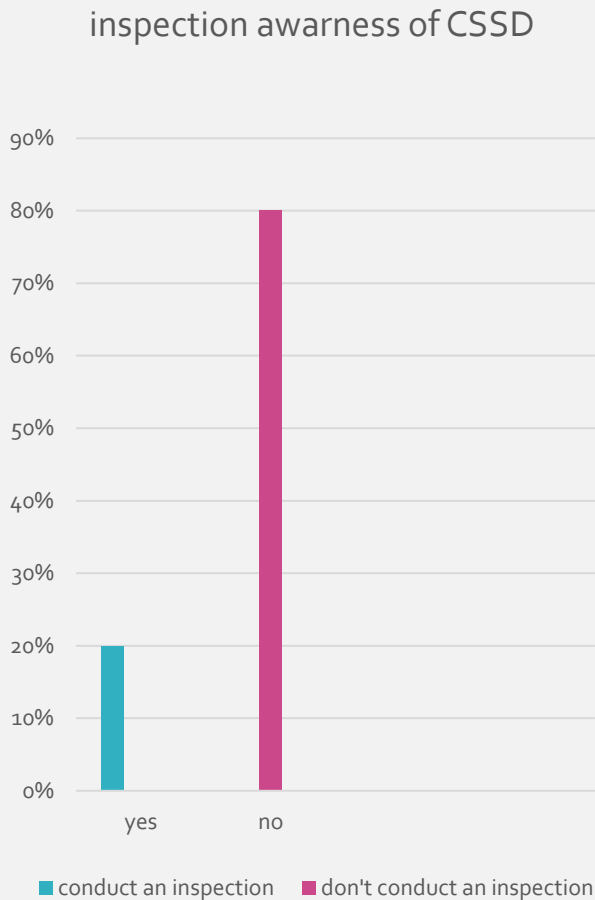
DATA ANALYSIS

standards followed by the hospital

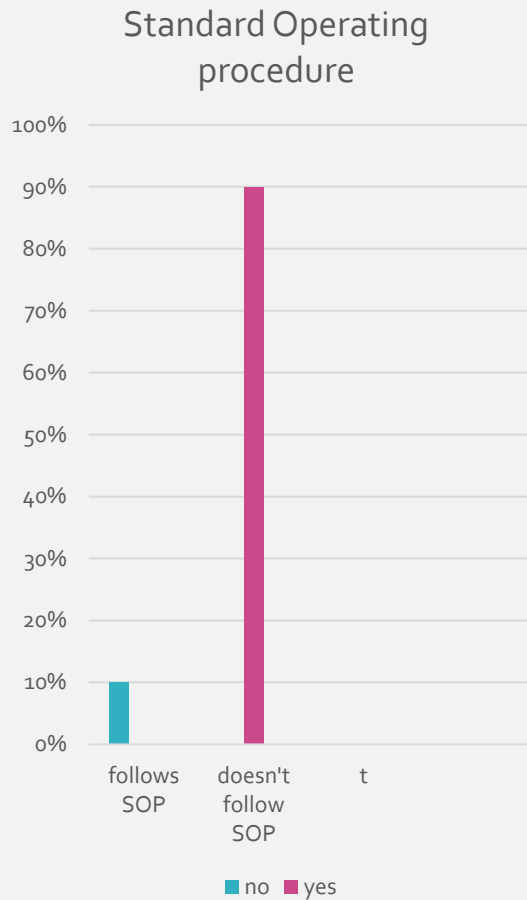


- The table and figure shows that, 8% of staffs responded that, they follow the standards in CSSD, 88% of staffs responded that, they doesn't follow the standards in CSSD set by Sharjah Health Authority, and 4% of staff have not responded in Damas Medical Centre.
- It was necessary to conduct this study to improve compliance with the Sharjah health authority as well as increase the efficiency of the staff. This project also helped identify gap areas and set standard operating protocols.

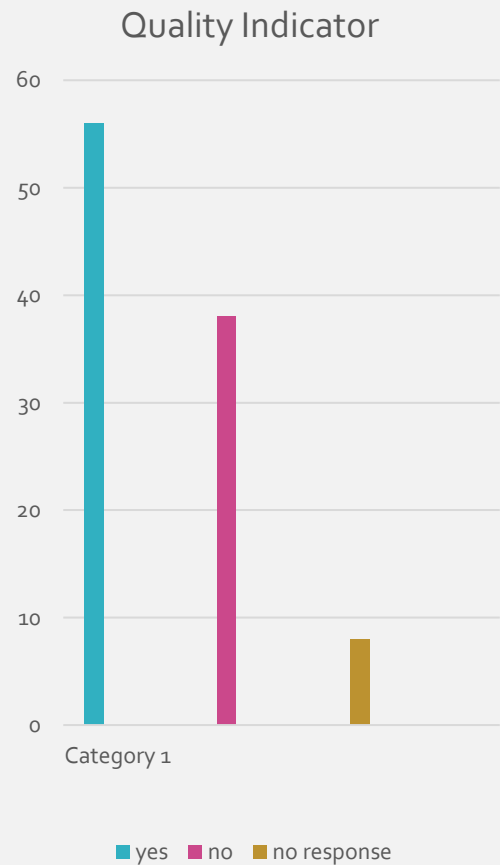
Figure A



- Figure B



- Figure C

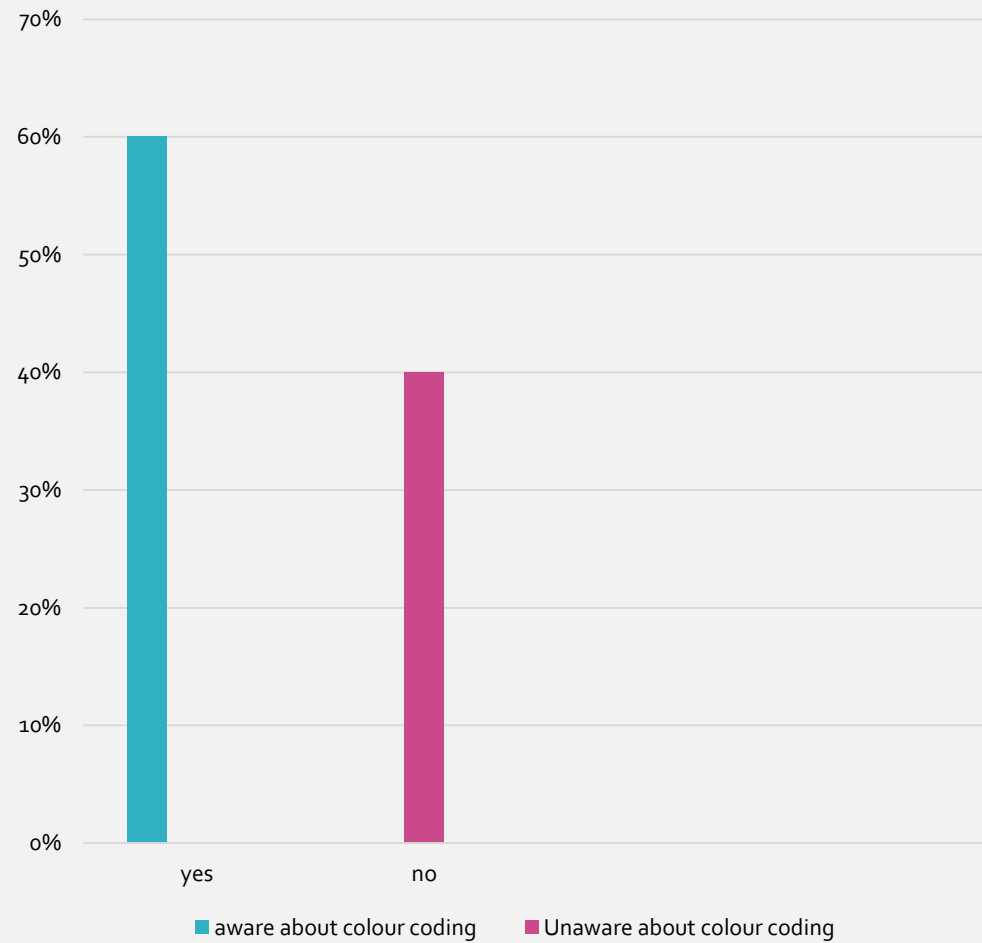


- The above graphs depicts as follows:
- FIG A: The above table and figure shows that, only 20% of management staffs conduct an inspection of CSSD and 80% of staffs are not conduct any inspection to the department in Damas Orchid Medical Center

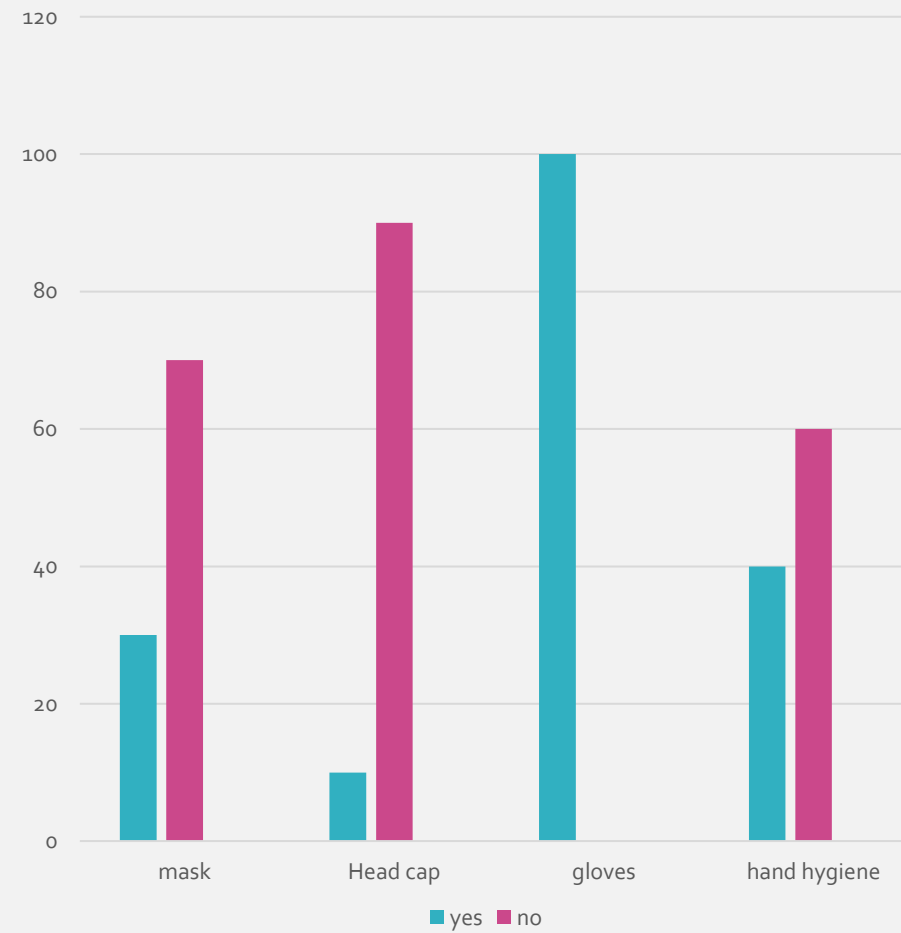
FIG B: The above table and figure 90% result shows that, Damas orchid medical center has very limited documents of standard operating procedure for CSSD

FIG C: The above table and figure shows that, 56% of staffs responded that, they follow the quality indicator in CSSD, 38% of staffs responded that, they doesn't follow the quality indicator in CSSD, and 8% of staffs have not responded in Damas medical center.

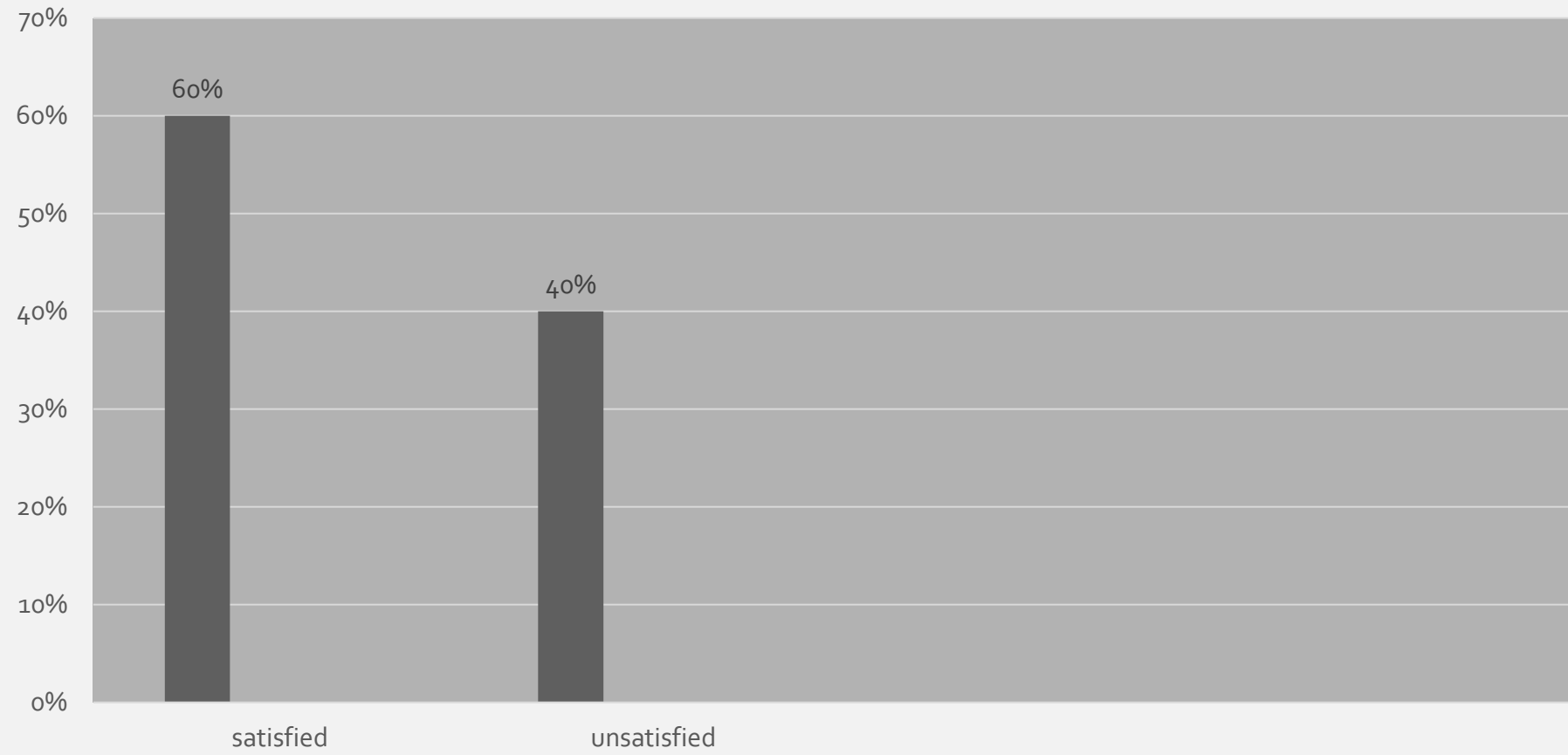
COLOUR CODING OF BMW



USAGE OF PPE



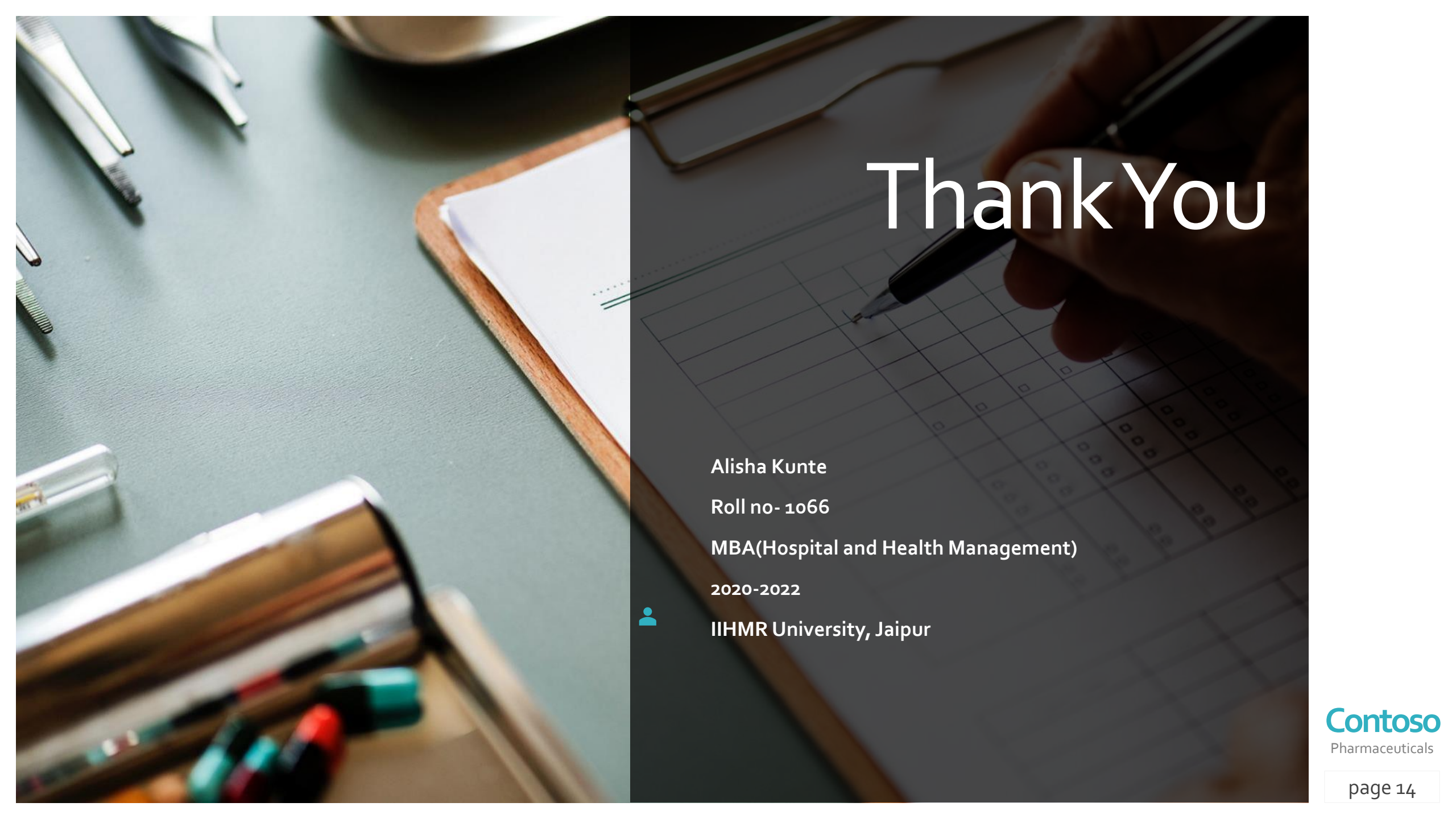
SATISFACTION



- The above table and figure shows that, 60% of employees have responded that they are following the color coding and Zoning. 40% of staff are responded that they are not following the color coding and Zoning.
- The above table and figure 100% result shows that, entire staff uses the gloves while performing the duty. Only 20% of staffs use Mask and 10% of staffs use Head cap while performing the duty at Damas medical center. And 30% of Hand-hygiene procedures are followed in CSSD of the Damas medical center
- we can infer that out of 25 staff, 40% of the staff were not satisfied with present work efficiency of CSSD department.

RECOMMENDATIONS

- All the healthcare workers dealing with the unsterile instruments should adopt universal precautions and appropriate safety measure while handling infectious articles.
- The sound knowledge and practice of infection control among all healthcare personnel need to be strengthened by training programs.
- Management can provide written policies and procedures for efficient functioning of CSSD.
- To serve a efficient functioning is possible through new CSSD planning and designing with minimum 3 division of CSSD is necessary for Damas Medical Center
- For the purpose of documentation CSSD should maintain detailed records of cleaning, disinfection and sterilization and all indicators results etc.
- Periodic educational interventions and training should be conducted for central sterilization supply department staff (nurses, technicians and workers) in order to improve and keep them with updated knowledge and practice regarding to medical and surgical equipment sterilization
- CSSD is must be equipped with fire safety I.e. Fire extinguisher and smoke detector



Thank You

Alisha Kunte

Roll no- 1066

MBA(Hospital and Health Management)

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IIHMR University, Jaipur