

Post Graduate Diploma in CSSD

TRIMESTER I

Objectives:

At the end of the course, the candidate will be

1. Acquire the updated knowledge what CSSD for, and what are the core activities
2. Also will know the location and plan of an ideal CSSD
3. In addition to it, the student will be briefed on the basic human functions
4. Also the student will be updated about pathological investigations as well as basic microbiology and infection control practices
5. Acquired the updated knowledge on steam sterilization techniques and monitoring techniques
6. Maintenance part of CSSD for equipment as well as Engineering
7. Also the student will be updated about the common cardiac diseases and it's diagnosis and cure.

Syllabus:

1. Role of CSSD in Health Care Delivery, Planning and layout
2. Microbiology and its implication with respect to CSSD
3. Infection Control and Hygiene.
4. Decontamination : Scientific Principles
5. Decontamination : Recommended Practices
6. Decontamination: Principles of Disinfection

7. Surgical Instruments : Criteria for Purchase and Maintenance
8. Preparation and Supplies for Terminal Sterilization
9. Endoscopes and it's Sterilization
10. Surgical Procedures
11. Anatomy and Physiology
12. Pathology and advanced lab medicine investigations
13. HAVC system and it's impact
14. Water Quality and its impact in CSSD process
15. Different Methods of Sterilization
16. High Temperature Sterilization – Dry Heat
17. Sterilization Scientific Principles
18. Sterilization Sterilizer Operation
19. Sterilization Basic Trouble Shooting Methods
20. Sterilization Recommended Practices for Flash Sterilization
21. Call back system in case of detection of failure

Reference Books:

1. Sterilization Technology for the health Care Facility from AN ASPEN PUBLICATION.
2. Hand book on Operation Theatre & Asepsis Published by Cochin Ophthalmic Club COC-CME
Series 2 , 2013
3. Recommended Guidelines for CSSD Ist Edition Published July 2008, Hospital Sterile Services
Association (India)

4. The Guide to Good Manufacturing Practices in National Health Services , Sterile Service Departments ISSM
5. Teaching and Training for Sterile Services Personnel ISSM
6. Introduction to Sterilization and Disinfection by Gardner and Peel
7. Micro Biology , Fifth Edition TATA Mc GRAW- HILL EDITION 1993

Trimester II

Objectives:

At the end of the course the candidate will be having practical knowledge of

1. complete assembly of instruments, linen and dressing materials
2. Get to know the importance of maintenance of surgical instruments
3. Be able to prepare a complete surgical sets as per the requirement of the operating surgeons

Syllabus:

1. Non-woven and Pouches
2. Packaging material – Textiles
3. Management of Surgical Linen
4. Packaging materials – Rigid Containers
5. Packaging selection and use
6. Packaging shelf life
7. Assembly of sets / Linen
8. Dressing Materials standard Recommendations

9. Complete decontamination techniques
10. Confirmation of cleaning process

Reference Books:

1. Sterilization Technology for the health Care Facility from AN ASPEN PUBLICATION.
2. Hand book on Operation Theatre & Asepsis Published by Cochin Ophthalmic Club COC-CME Series 2 , 2013
3. Recommended Guidelines for CSSD Ist Edition Published July 2008, Hospital Sterile Services Association (India)
4. The Guide to Good Manufacturing Practices in National Health Services , Sterile Service Departments ISSM
5. Teaching and Training for Sterile Services Personnel ISSM
6. Introduction to Sterilization and Disinfection by Gardner and Peel
7. Proper Maintenance of Instruments 8th Revised Edition,2005 Instrument Preparation working group – Germany
8. Guide to Care and Maintenance of Surgical Instrumentation @1995 Scanlan International , Inc

Trimester III

Objectives:

At the end of the course the candidate will have the practical knowledge on

1. sterilization techniques

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3. Quality assurance program
4. How to maintain perfect inventory
5. Basic administration
6. Safety features

Syllabus:

1. Practical knowledge of Scientific Principles
2. Sterilizer Operation and monitoring – Independent action
3. Basic Trouble Shooting Methods
4. Newer trends in Sterilization – Plasma and Ozone sterilization Introduction
5. Practical knowledge on Quality assurance Monitoring system
6. Physical / Chemical / Biological Indicators – Monitoring and record maintenance
7. Practical knowledge on Sterile Storage and distribution
8. System of documentation
9. Sterilizer Validation.
10. Inventory management of surgical instruments
11. Inventory management of consumables

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1. Sterilization Technology for the health Care Facility from AN ASPEN PUBLICATION.
2. Hand book on Operation Theatre & Asepsis Published by Cochin Ophthalmic Club COC-CME
Series 2 , 2013

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