

Teaching topic: Internship of Central Sterile Department, teaching duration: 51 hours

Prerequisite: the principles and techniques of mobile person's performance

Place of implementation: Imam Ali Hospital (AS)

Target group: operating room students,

Bachelor's degree

Number of units 1 unit Type of unit: practical

Teacher group: Najme Qaemi Kashtgar

General purpose: Familiarity with disinfection and sterilization methods in the operating room

**Specific goals:** After the end of the course, the student should be able to: 1-Clean the surgical instruments and control their performance and according to the type of surgical instruments, the sterilization method Use appropriately. 2- Be able to adjust and adjust the autoclave device. 3- Pack different surgical packs and sets and metal and non-metal screws correctly. 4-Transfer equipment, sets and packs from the operating room to the CSR department and vice versa. 5- Load the autoclave device and imagine the equipment from inside it. 6- To be able to set up and turn on and load the Fur device. 7- Name the sterilizing chemical solutions and use them in the appropriate concentration. 8- To know how to glue each of the sterilized devices and how to store them. and use all kinds of monitors in the evaluation of the sterilization process. 9- Be able to adjust and use the ethylene oxide device. 10- Describe and apply how to use rays.

## Content and order of presentation:

teaching method	presenters	Titles	date	meeting
Morning report, training at the bedside	Najme Ghiami keshtegar	Packaging and how to open the package Single screw packaging, packs and sets surgery	First semester 14030- 1404	1
Morning report, training at the bedside	Najme Ghiami keshtegar	Process indicators and monitors Sterile	First semester 14030- 1404	2
Morning report, training at the bedside	Najme Ghiami keshtegar	Autoclave device	First semester 14030- 1404	3
Morning report, training at the bedside	Najme Ghiami keshtegar	Familiarity with surgical sets	First semester 14030- 1404	4
Morning report, training at the bedside	Najme Ghiami keshtegar	Familiarity with surgical sets	First semester 14030- 1404	5
Morning report, training at the bedside	Najme Ghiami keshtegar	Ethylene oxide device	First semester 14030- 1404	6
Morning report, training at the bedside	Najme Ghiami keshtegar	Sterilizing and dilute solutions making it	First semester 14030- 1404	7

Morning report, training at the bedside	Najme Ghiami keshtegar	Fur device	First semester 14030- 1404	8
Morning report, training at the bedside	Najme Ghiami keshtegar	radiation	First semester 14030- 1404	9
Morning report, training at the bedside	Najme Ghiami keshtegar	Sterile equipment storage	First semester 14030- 1404	10

Duties and assignments of the student:

According to the rules and assignments of the workbook

Student evaluation method:

According to the rules of the workbook

Study sources:

1. Nancymarie Phillips, Anita Hornacky. Berry & Kohn's Operating Room Technique, 14e 14th Edition

(2020). copyright by Mosby an imprint Elsevier Inc. ISBN-13: 978- 0323709149,ISBN-10: 0323709149

2. Association of Surgical Technologists .Surgical Technology for the Surgical Technologist: A Positive

Care Approach 5th Edition. (2020)Delmar CENGAGE learning Publishers. ISBN-13: 978-1305956414,ISBN-10:9781305956414

3 . Jane C. Rothrock .Alexander's Care of the Patient in Surgery, 15e 15th Edition (2019). copyright by

Mosby an imprint Elsevier Inc. ISBN-13: 978-0323089425.ISBN10: 032308942

4 .FULLER, J. K. 2018. Surgical Technology, Principles and Practice

Principles and techniques of working in the operating room, Morteza Nasiri, first shift 1401