

Course Plan of (operation Theater Nursing I)

I. Course Description:

This course aims to enable students to demonstrate high technical skills in operating theater and develop leadership skills in operating room. This course is designed to assist students in developing expertise and in depth understanding in the field of operating room, various operational types, operating field

I. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	No of Weeks	Contact hours
1	Introduction	Introduction to perioperative Nursing ▪ Phases of Surgical Experience ▪ Nursing Process Throughout the Perioperative Period ▪ Perioperative Nursing Data Set ▪ Roles of Perioperative Nurse ▪ Expanded and Advanced Practice Roles ▪ Practice Settings ▪ Members and Responsibilities of the Surgical Team ✓ Scrub nurse ✓ Circulatory nurse ✓ Surgeon ✓ Assistant Surgeon ✓ Anesthesiologist ✓ Assistant Anesthesiologist	5	10
2		Preparing the Patient for	5	10

		Surgery - Communication of Relevant Patient Data - Nursing Diagnoses - Desired Patient Outcomes - Preoperative Assessment and Interventions - Assessment Parameters - Nursing Diagnoses and Interventions - Prevention of Wrong-Site Surgery - Documentation - Patient/Family Teaching		
3		OT design - Theater areas. - Demonstrate operating department instructions and policies - Perform principles of aseptic technique. - Maintaining good body alignment.	3	6
4		Midterm exam	1	2
5		Instrument Processing - Introduction - Managing Instruments at the Point of Use - Decontamination: Sterile Processing Department - Preparation and Packaging - Sterilization and Disinfection - Sterilization Monitoring: Quality Control - Sterilization: Documentation - Disinfection	4	8

		- Reuse of Single-Use Devices - Storage of Sterile Items		
6		Aseptic Practices: Preparing the Sterile Field and the Patient for Surgery - Nursing Diagnosis: Desired Patient Outcomes - Nursing Responsibilities - Pathogenic Microorganisms - Sources of Infection (Endogenous) - Sources of Infection (Exogenous) - Environment - Standard and Transmission-Based Precautions - Control of Sources of Infection - The Sterile Field - Operating Room Environment - Operating Room Sanitation - Special Considerations	4	8
7		Positioning the Patient for Surgery - Overview - Desired Patient Outcomes - Impact of Surgical Positioning: Overview of Injuries - Responsibilities of the Perioperative Nurse Patient Advocate - Positioning Devices - Implementation of Patient	7	14

		Care - Basic Surgical Positions - Positioning the Morbidly Obese Patient - Evaluating the Positioned Patient - Postoperative Transfer - Documentation of Nursing Actions		
8		Final term exam	1	2
Number of Weeks /and Units Per Semester 32				60

B– Practical Aspect:			
Order	Topics List	Week Due	Contact Hours
1	Pre operative Nursing - Pre operative preparation of patients - Assessment of the patient - Taking history Perform general and specific physical examination	2	2
2	- Preoperative teaching - Preoperative preparation	2	2
3	Intraoperative Nursing - Scrubbing - Gowning, gloving (open method) - Gowning, gloving (closed method)	4 th – 5 th week	2
4	Instrumentation - Identify instruments, - Suturing materials for common operations	6 th week	2
5	Midterm exam	7 th week	2
6	Medical asepsis - Disinfection, - Carbolization, - Fumigation Surgical asepsis - Sterilization of sharps and other instruments	8 th week	2
7	Preparation of instrument sets for common	9 th week	2

	operations ▪ General surgery ▪ Minor surgery ▪ Orthopedic surgery ▪ Ophthalmic surgery ▪ ENT surgeries		
8	Prepare the OT table depending upon the operation ▪ Positioning and ▪ Monitoring of patients	10 th week	
9	Specimen & waste management - Handling specimens - Disposal of waste as per the guidelines	11 th week	2
10	Postoperative Nursing ▪ Post operative care ▪ Receiving Pt, ▪ Assessment, monitoring	12 th week	2
11	Final exam	13 th week	2
Number of Weeks /and Units Per Semester		Final exam	13 th week
		16	32