

OUTLINE OF SYLLABUS AND CURRICULUM FOR 2 MONTHS

SHORT TERM COURSE IN EMERGENCY NURSING

MODULES

- I. Introduction to Emergency and Disaster Nursing
 - Definition, concepts and principles of emergency and disaster nursing
 - Organization of resources (men, material and facilities)
 - Ambulance, training of volunteers
 - Legal requirements of Ambulance
 - Nursing process in the Emergency unit
- II. Concepts of Emergency Care
 - Introduction
 - Triage
 - Concepts of triage
 - Role of triage nurse
 - Triage skills
- III. Emergency Management
 - Basic life support (BLS)
 - Advanced Cardiac Life support (ACLS)
 - Defibrillation, monitoring
 - O₂ Therapy, endotracheal intubation
 - Care of patient on ventilators, pace maker and tracheostomy
 - Fluid and electrolyte and acid-base balance
 - Pain: assessment and management
 - Regulation of body temperature
 - Unconsciousness
 - Death and Dying
- IV. Medical Emergencies - Application of nursing process pertaining to care of patients with –
 - Fluid, electrolyte and acid base imbalances
 - Endocrine emergencies
 - Respiratory emergencies
 - Cardiovascular emergencies
 - Poisoning, bites and stings
 - Thermo regulatory emergencies
 - Neurological emergencies
 - Gastro-Intestinal emergencies
 - Genitourinary emergencies
 - Shock and Hemorrhage
 - Drowning
 - Food Poisoning
- V. Surgical Emergencies:
 - Gastrointestinal emergencies – Perforation, Intestinal obstruction, Peritonitis, Appendicitis, burst abdomen and acute abdomen
- VI. Early management of trauma:
 - Concepts in trauma care
 - Biomechanics of injury

- Trauma prevention, Road safety
 - Initial assessment and early management of trauma
 - Management of: ▪ Road traffic accidents ▪ Traumatic shock ▪ Pain
 - Cranio Facial injuries
 - Musculoskeletal and spinal injuries
 - Cardio thoracic injuries
 - Abdominal injuries
 - Injuries during pregnancy
 - Burns
 - Post-trauma rehabilitation
- VII. Obstetrical and Gynecological emergencies
- Obstetrical emergencies:
- I st Trimester emergencies: Ectopic pregnancy, Abortions
 - Antepartum hemorrhage, placenta previa, preeclampsia and eclampsia, ruptured uterus
 - Postpartum emergencies: Post partumhaemorrhage, Obstetric shock
 - Gynecological emergencies: Ovarian cyst/abscess, Pelvic inflammatory disease, Gynecological trauma, Sexual assault, Vaginal bleeding
- VIII. Pediatric emergencies
- Respiratory system
 - Cardiovascular system
 - Neurological system
 - Gastro intestinal system
 - Infectious disease emergencies
 - Skin lesions and Burns
 - Poisoning, Foreign bodies, drowning
 - Accidents
 - Child Abuse and sexual assault
- IX. Behavioural Emergencies:
- Suicide, Homicide
 - Substance abuse-alcohol, drugs
 - Panic attack
 - Acute Depression
 - Sexual assault
 - Post traumatic stress disorder (PTSD)

PROCEDURES TO BE PERFORMED

1. Airway management

- a) Application of Oro Pharyngeal Airway
- b) Care of Tracheostomy
- c) Bag-mask ventilation
- d) Endotracheal Intubation

2. Cardiac Monitoring

3. Cardiopulmonary Resuscitation

4. Gastric Lavage

5. Setting of Ventilators
6. IV Cannulation
7. ECG
8. Administration of emergency IV Drugs
9. Application of Splints
10. Application of spine board
11. Care of traction
12. Blood Administration
13. Arterial blood gas sampling
14. Defibrillation and cardioversion

PROCEDURES TO BE ASSISTED

1. Thoracentesis
2. Paracentesis
3. Lumbar Puncture
4. Central venous line insertion
5. Arterial line insertion
6. Cast application
7. Chest tube insertion
8. Tracheostomy

EXAMINATION

Theory examination – 100 marks (Short answer format based on case scenario)

Practical – OSCE stations – 100 marks