

COURSE TITLE: PATHOLOGY OF CHILD & NEONATAL AND CLINICAL PRACTICE

STUDY HOURS:	60+160	MARKS	
PAPER:	01	THEORY	120
Term :	4th	PRACTICAL:	30
		TIME :	03HRS

COURSE CONTENTS STUDY HOURS
(Theory +Practical)

A. Common disease / problems of infancy and childhood	40+60
A1. Respiration infection	
A2. Gastrointestinal syndromes	
A2.1 Nausea	
A2.2 Vomiting	
A2.3 Diarrhea	
A3. Infection Disease	
A3.1 Smallpox	
A3.2 Typhoid	
A3.3 Yellow Fever	
A3.4 Cholera	
A3.5 Measles	
A3.6 Hepatitis	
A3.7 Peneumonia	
A3.8 Meningitis	
A3.9 Malaria	
A3.10 Chickenpox	
A3.11 Mumps	
A3.12 Poliomyelitis	
A3.13 Encephalitis	
A3.14 Fever	
A3.15 Diphtheria	
A3.16 Pertussis	
A3.17 Tuberculous	
A3.18 Bacillary dysentery	
B. Nutritional Deficiency Disease	10+10
C. SCHOOL HEALTH SERVICES and clinical practice	10+10
C1 Introduction of School health services	
C2 Functions of school health services	
C3 Structure of school health team	
C4 The role of doctor in school health services as the leader of the health team	
C5 School clinic setup	
C6 Physical	
C7 Examination of school children	
C8 Training of school	

- C9 Teachers in Health education
- C10 Preparation of Health records of school children
- C11 Preparation of periodic reports

D. PRACTICAL WORK IN NURSERY & PEADS WARD

80

- D1. Patients receiving
- D2. Patients evaluation
 - D2.1 Breathing examination
 - D2.2 Circulatory examination
- D3. Investigation
 - D3.1 Rutine investigations
 - D3.2 Special investigations
- D4. Patient management
- D5. Patient Admission
- D6. Patient preparation for resuscitation
- D7. I V line
- D8. Preparation of Trolley for resuscitation

Recommended Books

- ✓ Foundation of Anatomy & Physiology by Kathleen J.W, Wilson
- ✓ Anatomy & Physiology for Nurses
- ✓ Lippon Cord
- ✓ Pakistan Chilled survival project of Government Pakistan
- ✓ Care craing of the newly born infaut by A.J.Keay and D.M. Morgan in 1947
Churchil living stone Newyark.
- ✓ Current pedriatic disease 8th Edition

COURSE TITLE: CHILD & NEONATAL EMERGENCY AND CLINICAL PRACTICE

STUDY HOURS:	60+160	THEORY	120
PAPER:	02	PRACTICAL:	30
TERM:	4th	TIME :	03HRS

**COURSE CONTENTS STUDY HOURS
(Theory +Practical)
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(Theory +Practical)**

A. EMERGENCY MEDICAL CARE AND MANAGEMENT 20+40

- A1. Introduction to emergency medical care
- A2. Over view of emergency medical services
- A3. Component of the emergency medical service
 - A3.1. Access
 - A3.2. Administration and policy
 - A3.3. Medical direction and control
 - A3.4. Quality control and improvement
 - A3.5. Equipment use in emergency
- A4. Role and responsibility of the emergency medical care provider

B.MEDICAL EMERGENCY MANAGEMENT 40+40

- B1 **Common Respiratory emergency**
 - B1.1 Obstructive airway disease
 - B1.2 Acute pulmonary edema
 - B1.3 Pneumonia
 - B1.4 Pleural effusions
 - B1.5 Pulmonary thromboembolism

MANAGEMENT

- B1.6 .Initial Assessment
- B1.7 .Inhalation
- B1.8 .Ventilation
- B3. **Common Pediatric/neonatal emergency**
 - B3.1 Pediatric airway abstraction
 - B3.2. Shocks
 - B3.4 Cardiac dysrhythmias
 - B3.5. Other medical emergencies
 - B3.5.1 Seizures
 - B3.5.2 Altered level of consciousness
 - B3.5.3 Poisoning

- B3.5.4 Fever
- B3.5.5 Dehydration
- B3.5.6 Meningitis
- B3.5.7 Hypo/hyper glycemia

MANAGEMENT

- B3.6 Oxygenation
- B3.7 Ventilation
- B3.8 Suctioning
- B3.9 Intubation
- B3.10 Gastric decompression
- B3.11 Resuscitation

C. Practical (introduction and application of the following on the above emergencies) 80

- C1 Receiving Patient
- C2 Assessment of Patient
- C3 Preparation and application of cardiac monitoring
- C4 Defibrillation
- C5 Syringe pump
- C6 Infusion pump
- C7 CPR
- C8 BP, pulse and inspiration record
- C9 Ventilation
- C10 Arterial blood gases machine preparation and operation
- C11 Sucker machine preparation and application
- C12 Anesthesia monitor preparation and application
- C13 First Aid management for medical emergencies
- C14 First Aid management for surgical trauma emergencies
- C15 Intubation
- C16 NG and OG tube application
- C17 Cathrization

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