

Phase III

- Generic Topics on Medical Humanities to be taught in Phase-III
- Integrated Teaching in Phase III
- Subjects of Phase III
 - Community Medicine & Public Health
 - Pathology
 - Microbiology

Generic Topics on Medical Humanities to be taught in Phase –III

The following two topics will be taught within 3rd phase under supervision of Phase-III coordination committee in collaboration with medical education unit (MEU). The sessions will be under the guidance of Principal & Vice-principal, coordinated by concerned departments and sessions will be delivered by concerned experts of the topics. Each session will be one and half hour. Attending these session will be mandatory and will be reflected in the formative & summative assessment of Phase-III.

Topics:

1. Integrity and accountability of medical professionals
2. Aspects of a good doctor

Topics	Learning objective	List of Contents	Method	Time
Integrity and accountability of medical professionals	<ul style="list-style-type: none"> • define integrity and accountability in medical practice • mention importance of integrity and accountability in medical practice • outline doctors behaviors that demonstrate integrity and accountability. • explain contribution of the team and the system to integrity and accountability • state means of developing integrity and accountability of medical professionals • mention some current examples of Integrity and accountability of medical professionals 	<ul style="list-style-type: none"> • Definition of integrity and accountability in medical practice • Importance of integrity and accountability in medical practice • Outline of doctors behaviors that demonstrate integrity and accountability. • Contribution of the team and the system to integrity and accountability • Means of developing integrity and accountability of medical professionals • Some current examples of Integrity and accountability of medical professionals 	Interactive Lecture Or Seminar	One and half hour
Aspects of a good doctor	<ul style="list-style-type: none"> • list the qualities of a good doctor • explain the roles of a doctor in the society • mention expectation of the patient, attendance and society from a doctor • state the factors affecting the expectation of the patient, attendance and society from a doctor • describe means of developing as a good doctor • mention some current examples of a good doctor 	<ul style="list-style-type: none"> • Qualities of a good doctor • Roles of a doctor in the society • Expectation of the patient, attendance and society from a doctor • Factors affecting the expectation of the patient, attendance and society from a doctor • Means of developing as a good doctor • Some current examples of good doctor 	Interactive Lecture Or Seminar	One and half hour

Integrated Teaching in phase III

All the departments of Phase III (Community Medicine & Public Health, Pathology, Microbiology) must be present and take part in the integrated teaching while the faculty representatives from concerned clinical & others departments will also participate actively. Teachers will be the speakers in each session. Participation of the students of phase III should be ensured. Students need to get some ‘take home message’ from every session. To ensure presence of the students Schedule for integrated teaching session will be set at the phase III committee meeting in collaboration with medical education unit (MEU).

Total -20 hour. Each session will be for at least 2 hour

Topics:

1. Occupational and Environmental hazard
2. Snake bite
3. Transportation injuries
4. Disaster management
5. Shock
6. Glomerulonephritis
7. Rheumatoid Arthritis/ Osteomyelitis
8. Different Viral Fevers (Covid-19, Dengue, Chikungunya)
9. Carcinoma Cervix

Topics	Learning Objective	Core contents	Discipline involved
Occupational and Environmental hazard	<p>At the end of the session student will be able to:</p> <ul style="list-style-type: none"> • define environment • explain concept of hazard • list of occupational and environmental health hazards • define occupational health and mention its objective • explain various occupational environment • describe preventive strategies of occupational and environmental hazard • mention the health care facilities and safety measures for workplace. • state work’s man compensation act.1923 • describe existing law for environmental control 	<ul style="list-style-type: none"> • Environment and its components • Concept about hazard, Risk and vulnerability • Environmental control strategy • Existing law about environmental control • Occupational health, and its objectives • Occupational environment • Occupational health hazards, ergonomics • Principles of prevention of occupational diseases • Employees’ benefits • Existing health related occupational laws. 	<ul style="list-style-type: none"> • Community Medicine & Public Health • Forensic medicine & Toxicology • Medicine/ Respiratory medicine. • Skin and VD • Microbiology • Pathology
Snake bite	<ul style="list-style-type: none"> • mention different types of snake in Bangladesh • state the natural habit of snake • mention different snake bite geographic area in Bangladesh • state the difference between poisonous and nonpoisonous snake and snake bite 	<ul style="list-style-type: none"> • Epidemiology of snake bite in Bangladesh • Types of snakes • Habit of snakes • Geographic Area of snake bite in Bangladesh • Outcome of snake bite • Management of snake bite 	<ul style="list-style-type: none"> • Community medicine & Public Health • Forensic medicine & Toxicology • Medicine/Neuron medicine • Pathology • Pharmacology

	<ul style="list-style-type: none"> • mention the sign symptom of poisonous and nonpoisonous snake bite • mention the composition of snake venom. • explain consequences of snake bite • select the anti venom and it's dose • state the treatment facilities in Bangladesh • outline the management of snake bite • state the preventive measures of snake bite 	<ul style="list-style-type: none"> • Treatment facilities of snake bite in Bangladesh • Prevention and control measures of snake bites. 	
Transportation injuries	<ul style="list-style-type: none"> • define transportation injuries. • mention the types of transportation injuries. • state the courses, consequences and epidemiology of RTA • describe problem statement of RTA • mention the identification of driver • describe the preventive measures of RTA • state the management of RTA 	<ul style="list-style-type: none"> • Definition of TI • Epidemiology of TI including RTA • Causes of different TI • Consequences of RTA • Management of RTA Triage ABCDE • Preventive measures of RTA Safety education Safety measures Legislative measures 	<ul style="list-style-type: none"> • Community medicine & Public Health • Forensic medicine & Toxicology • Orthopedic surgery • Neurosurgery • Physical medicine • Internal medicine
Disaster management	<ul style="list-style-type: none"> • define disaster • classify disaster • mention the consequences of disaster • describe the management of disaster including forensic aspect • mention the preventive measures. • Describe the technique of disaster victim identification 	<ul style="list-style-type: none"> • Definition of disaster • Classification of disaster Natural Man made • Consequences of disaster • Management of disaster Injured Dead Medico legal aspects Media, VIP, crowd • Prevention of disaster 	<ul style="list-style-type: none"> • Community medicine & Public Health • Forensic medicine & Toxicology • Medicine • Orthopedic surgery • Neurosurgery • Physical medicine
Shock	<p>At the end of the session students will be able to:</p> <ul style="list-style-type: none"> • define shock • mention different types of shock • describe the pathogenesis of shock • enumerate the clinical feature • list the required laboratory investigation • manage the shock 	<ul style="list-style-type: none"> • Definition of shock • Types of shock • Clinical stages of shock • Compensatory mechanism of shock • Pathogenesis & complications of shock • Management of shock 	<ul style="list-style-type: none"> • Pathology • Microbiology • Medicine • Pharmacology • Forensic Medicine & Toxicology

Glomerulonephritis	<p>At the end of the session students will be able to:</p> <ul style="list-style-type: none"> • define glomerulonephritis • classify the glomerular disease • describe the etiopathogenesis • mention clinical presentation • diagnose the disease • outline the management of the disease • state the prognosis of the disease 	<ul style="list-style-type: none"> • Review of renal anatomy • Definition of glomerulonephritis • Pathogenesis • Types & clinical presentation (glomerulonephritis & nephrotic syndrome) • Diagnosis • Management & prognosis 	<ul style="list-style-type: none"> • Pathology • Microbiology • Pharmacology • Medicine/ • Nephrology/ • Paediatrics • Forensic Medicine & Toxicology
Rheumatoid Arthritis	<p>At the end of the session the students will be able to:</p> <ul style="list-style-type: none"> • explain the immunopathogenesis of the disease • diagnose the disease by its clinical feature and investigation findings • list the complications of the disease • outline the management of this disease 	<ul style="list-style-type: none"> • Immunopathogenesis • Clinical features • Investigation • Complications • Conventional NSAIDs • Disease modifying agents • Biological disease modifying agents 	<ul style="list-style-type: none"> • Microbiology • Pharmacology • Pathology • Orthopaedic surgery/Surgery • Physical Medicine/Medicine • Forensic Medicine & Toxicology
Osteomyelitis	<p>At the end of the session the students will be able to:</p> <ul style="list-style-type: none"> • enumerate the causative agents of osteomyelitis • explain pathogenesis of the disease • enumerate the site of involvement in the disease process • diagnose the disease • outline the management of this disease • describe the complications of this disease and their management 	<ul style="list-style-type: none"> • Etiopathogenesis • Site of involvement • Diagnosis • Management • Complications & its management 	<ul style="list-style-type: none"> • Microbiology • Pharmacology • Pathology • Orthopaedic surgery/Surgery • Forensic Medicine & Toxicology
Different Viral Fevers (Covid-19, Dengue, Chikungunya)	<p>At the end of the session the students will be able to:</p> <ul style="list-style-type: none"> • mention the structure of the virus • explain the mode of transmission of the disease • explain the etiopathogenesis of the disease • mention the organ involved in this disease • explain the mechanism of organ involvement • list the complications of the disease • describe the laboratory diagnosis • outline the preventive measures of this disease 	<ul style="list-style-type: none"> • Structure of the virus • Mode of transmission • Pathogenesis • Clinical stages • Investigations • Prevention • Complication • Management • Drug used with their site of action 	<ul style="list-style-type: none"> • Microbiology • Pathology • Pharmacology • Community Medicine & Public Health • Medicine/Respiratory Medicine • Forensic Medicine & Toxicology

	<ul style="list-style-type: none"> • outline the management of this disease • mention the drug used with their site of action 		
Carcinoma Cervix	<p>At the end of the session students will be able to:</p> <ul style="list-style-type: none"> • mention the clinical importance of disease • describe etiopathogenesis of Ca cervix. • enumerate clinical presentation & gross morphology • mention the complication of Ca cervix • diagnose Ca cervix • mention the precaution & screening of Ca cervix 	<ul style="list-style-type: none"> • Prevalence of disease • Predisposing factor • Clinical feature • Etiopathogenesis • Diagnosis(gross & morphological findings) • Management & cytotoxic drugs • Prevention 	<ul style="list-style-type: none"> • Pathology • Microbiology • Pharmacology • Gynaecology • Oncology • Forensic Medicine & Toxicology