



University of Diyala
College of Medicine
Dept. of medicine

Schedule of Curriculum- Subject Third Year Students:

Total weeks of the course 30

Theory hours: 60

Practical hours 60

Units of teaching: 7

Week	Subject (Theory)	objectives	Hours	(Subject) Practical	objectives	Hours
1	Introduction to clinical medicine	Understanding the clinical aspects of medicine (patients management)	3	Introducing yourself to patient	Establish patient doctor relationships	2
2	Pulse and temperature	Vital signs paramount importance	3	Patients data	How to practice patients primary informations	2
3	Pain, headache, chest pain, abdominal pain	Path physiology of pain and approaching the patient with pain	3	Patients chief complaint	Skills of obtaining the chief complaint	2
4	Cough, hemoptysis, dyspnea and cyanosis	Respiratory system symptoms approach to causes	3	History of present illness	Practical steps of details of present illness	2
5	Edema and ascitis	Pathophysiology of body fluids circulation	3	Review of other system	Review of bodily systems is very useful to complete the present illness picture	2
6	Dysphagia, vomiting, diarrhea and constipation	Approaching the patients with GIT symptoms	3	Past medical history	Past medical problems may have major effects on present illness	2

7	Jaundice, weight loss and appetite	Pathophysiology of bilirubin metabolism	3	Past surgical history	Importance of previous surgeries on patients present illness	2
8	Polyuria, dysuria and hematuria	Approaching the patients with urological symptoms	3	Family history of diseases	Familial diseases are important to know and to look for	2
9	Nutritional disorders: introduction	Defining the normal and abnormal nutrition and their effects	3	Social history	Social aspects of patients life has major impact on patients health	2
10	malnutrition	Weight gain and weight loss	3	Treatment history	Treatment history prescribed or illicit is extremely important in overall patients management	2
11	vitamins	Importance of these cofactors and the effects of excess and deficiency	3	Clinical cases discussion	Approaching the febrile patients	2
12	Mineral deficiency	Major minerals roles in overall body systems functions	3	Clinical cases discussion	Clinical approach to the patients with different categories of pains	2
13	Medical diet and obesity	The effects of obesity and methods of its management	3	Clinical cases discussion	Approaching the patients with cardiovascular difficulties	2
14	Clinical immunology: introduction	Immune system pathophysiology	3	Clinical cases discussion	Clinical discussion of patients with respiratory system difficulties	2
15	Immune reaction	Discuss the types and manifestation	3	Clinical cases discussion	Clinical cases interview in patients with weight loss	2

		s of immune reactions				
16	HLA and disease, tissue typing	Discuss the immune genetics	1	Clinical cases discussion	Clinical evaluation of patients with upper GI tract symptoms	2
17	Immune deficiency state	The effects of different types of immune deficiency conditions	1	Clinical cases discussion	Clinical discussions of patients with liver diseases	2
18	Immunology and cancer	The role of immunology in cancer prevention	1	Clinical cases discussion	Clinical discussions of patients with lower GI tract difficulties	2
19	Immunosuppressive therapy	The role of different immunosuppressive therapies in diseases control	1	Clinical cases discussion	Approaching the patients with fluid collection	2
20	Disturbance in water and electrolyte and H concentration	Approaching the patients with disturbed the water , electrolytes and acid base balace	1	Clinical cases discussion	Discussions of patients with fluid loss	2
21	Total body water Water depletion and intoxication	Approaching the water excess and deficiency manifestation s and management	1	Clinical cases discussion	Clinical discussions of patients with acute diabetes complications	2
22	Sodium depletion and excess	Approaching the patients with orders and dehydration	1	Clinical cases discussion	Approaching the patients with acute kidney disease	2
23	Potassium depletion and excess	Importance of K on excitable tissues , causes, manifestation	1	Clinical cases discussion	Approaching the patients with chronic kidney disease	2

		s and management				
24	Magnesium depletion and excess	Approaching the rare patients with possible Mg abnormalities	1	Clinical cases discussion	Clinical discussions of patients with anemia	2
25	Metabolic acidosis and alkalosis	Patho physiology , clinical features and management of patients with acid base balance abnormalities	1	Clinical cases discussion	Clinical discussions of patients with with bleeding tendencies	2
26	Respiratory acidosis and alkalosis	The role of respiratory system in normal and abnormal acid base control mechanisms	1	Clinical cases discussion	Historically obtained information from patients with weight gain	2
27	Endemic diseases: protozoal infections	Approaching the patients with evident and hidden endemic diseases	1	Clinical cases discussion	Clinical study of patients with urological difficulties	2
28	Helminthic infection	Approaching the patients with helminthic infestation	1	Clinical cases discussion	Clinical evaluation of patients with organomegaly and lymphadenopathy	2
29	trematods	Defining the types and management of patients with this type of worms	1	Clinical cases discussion	Clinical discussions of patients with suspected immune deficiency	2
30	The use of medical library	Medical libraries are essential part of medical learning programs, encouraging	1	Clinical cases discussion	Defining the importance of drugs and toxins on patients health clinical discussions	2

		and defining the medical libraries use				
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Schedule of Curriculum- Subject Fourth Year Students:

Total weeks of the course 30

Theory hours: 120

Practical hours 90

Units of teaching: 11

Week	Subject (Theory)	objectives	Hours	(Subject) Practical	objectives	Hours
1	Infectious diseases Spread, prevention and diagnosis		4			3
2	Viral infection		4			3
3	Spirochetal infection		4			3
4	Fungal infectio		4			3
5	Pyrexia of unkown origin		4			3
6	Cardiovascular diseases investigations		4			3
7	Disorders of cardiac rythm		4			3
8	Heart failure		4			3
9	Vavular diseases & infective endocarditis		4			3
10	Congenital heart diseases		4			3
11	Ischemic heart diseases		4			3
12	Arterial hypertension		4			3
13	Diseases of myocardium & pericardium		4			3
14	Gastrointestinal diseases Physiological consideration & investigation		4			3

15	Peptic ulcer & gastritis		4			3
16	Malabsorption & diarrhea		4			3
17	Chronic inflammatory bowel diseases		4			3
18	Functional disorders & irritable bowel syndrome		4			3
19	Live & gall bladder disease		4			3
20	Pancreatic disease		4			3
21	Respiratory disease Physiological consideration & investigation		4			3
22	Respiratory infections: Pneumonias & tuberculosis		4			3
23	Obstructive airways diseases		4			3
24	Suppurative & interstitial lung diseases		4			3
25	Respiratory failure		4			3
26	Endocrine and metabolic disorders Pituitary gland diseases		4			3
27	Thyroid and parathyroid diseases		4			3
28	Adrenal gland diseases		4			3
29	Pancreatic diseases and diabetes mellitus		4			3
30	hyperlipidemias		4			3



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Schedule of Curriculum- Psychiatry **FIFTH** Year Students:

Total weeks of the course 30

Theory hours: 30

Practical hours 30

Units of teaching: 3

Week	Subject (Theory)	objectives	Hours	(Subject) Practical	objectives	Hours
1	Introduction to psychiatry		1	History taking of psychiatry	Explain how to deal with a neurological patients	2
2	psychopathology		1	Source of information in psychiatry	Determine the specific point of history taking in each neurological case	2
3	Classification of psychiatric disorders		1	mental state examination general appearance & mood	Differentiate between the level & content of consciousness	2
4	Symptoms of psychiatric disorders	1-Recognize psychiatric symptoms. 2-define each psychiatric sympom.	1	mental state examination thought, perception & speech	Practice the assessment of Glasgow coma score	2
5	Mood disorders "depression"	1- define mania. 2- mention the mania risk factors of mania. 3-list the main line of management.	1	Assessment of case "formulation" & presentation of psychiatric case	1-Review the types of memory 2-explain the way of memory assessment	2
6	Mood disorders "depression"	1- define depression. 2- mention the depression	1	How make psychiatric report with patient	Assess orientation and judgment	2

		risk factors of mania. 3-list the main line of management				
7	Bipolar disorders"mania"	1- identify bipolar disorders 2- differentiate the types of bipolar disorders 3-outline the management of bipolar disorder.	1	Examination of depressed patient	1-list parameters of normal speech 2- recognize the most important disarthrias	2
8	psychosis	1-diffine psychosis. 2- list the main symptoms of psychosis. 3- mention the main causes.	1	Examination of bipolar patient	Differentiate the types of dysphasia	2
9	schizophrenia	1-define schizophrenia 2-list the main features of schizophrenia 3- name the risk factors.	1	Examination of psychotic patient	Demonstrate examination of meningeal signs	2
10	schizophrenia	1-outline the management of schizophrenia	1	How to deal with aggressive patient & risk patient	1- explain the function of each cranial nerve 2- describe examination of each cranial nerve 3-list common abnormality	2
11	Other delusional disorders	1-recognize the common delusional disorders. 2-diffrentiate between delusional disorder.	1	Psychiatric emergencies	1- explain the function of each cranial nerve 2- describe examination of each cranial nerve 3-list common abnormality	2

12	Anxiety disorders	1-difene anxiety disorders. 2-list the most common types 3- outline the management.	1			2
13	Obsessive compulsive disorders	1-identify obsessive compulsive disorders 2-list risk factors 3- clarify management.	1			2
14	Conversional disorder	1-define conversional disorders 2-out line the management.	1			2
15	Somatization disorder	1-identify Somatization disorders 2-enumerate clinical presentation of Somatization disorders	1			2
16	Drug in psychiatry	1-list the drug that used in treating different type of psychiatric disorders 2-clarify the mechanism of action.	1			2
17	psychotherapy	1-Recognize different types of psychotherap y. 2- mention the advantagr of psychotherap y	1			2
18	Impulsive disorders	1-difene anxiety disorders.	1			2

		2-list the most common types 3- outline the management				
19	Child psychiatry	1-difene anxiety disorders. 2-list the most common types 3- outline the management.	1			2
20	Neuropsychiatric disorders	1- list neurological diseases that presented with psychiatric symptoms	1			2
21	Forensic psychiatry	1-difene anxiety disorders. 2-list the most common types 3- outline the management	1			2
22	substance misuse	1-difene anxiety disorders. 2-list the most common types 3- outline the management	1			2
23	Alcohol misuse	1-difene anxiety disorders. 2-list the most common types 3- outline the management.	1			2
24	Psychiatric liaison syndrom		1			2
25	Sexual disorders	1-Recognize psychiatric symptoms. 2-define each psychiatric sympom.	1			2

26	Eating disorders	1-define anxiety disorders. 2-list the most common types 3- outline the management	1			2
27	sleep disorders	1-define anxiety disorders. 2-list the most common types 3- outline the management	1			2
28	Geriatric psychiatry	1-Recognize psychiatric symptoms. 2-define each psychiatric sympom.	1			2
29	Mental subnormality	1-define anxiety disorders. 2-list the most common types 3- outline the management	1			2
30			1			2



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Schedule of Curriculum- Rheumatology FIFTH Year Students:

Total weeks of the course 15

Theory hours: 15

Practical hours 0

Units of teaching: 1

Week	Subject (Theory)	objectives	Hours	(Subject) Practical	objectives	Hours
1	Functional anatomy and physiology	1-revew the anatomy of joints 2- recognize the types of joints & their fucntions	1			2
2	Investigation of rehumatological diseases	1- Differentiate the benefit of synovial fluid analysis 2- identify the role of tissue sampling	1			2
3	Classification of rehumatological diseases	1-differentiate between mono,oligo &polyarthrits 2-list the causes of each type	1			2
4	osteoarthritis	1-Identify osteoarthritis 2-list risk factors 3-summurise the management	1			2
5	Inflammatory joint diseases: Rheumatoid arthritis	1-differentiate types of Inflammatory joint diseases	1			2

		2-explain the management				
6	Inflammatory joint diseases: Seronegative spodyloarthritis	1-define Seronegative spodyloarthritis 2-clarify the management	1			2
7	Inflammatory joint diseases: Crystal associated diseases	1-define Crystal associated diseases 2- list the causes. 3- clarify the management	1			2
8	Inflammatory joint diseases: Bone and joint infection	1-list the causes of bone and joint diseases 2-explain the management	1			2
9	fibromyalgia	1-define fibromyalgia 2- identify causes of fibromyalgia 3- explain the management of fibromyalgia	1			2
10	Systemic connective tissue diseases	1-classify Systemic connective tissue diseases 2-explain their presentation 3-show the management	1			2
11	Systemic vasculitis	1-identify Systemic vasculitis 2-recognise complications of vasculitis 3- explain the management	1			2

12	Diseases of bone: Osteoporosis	1-List the risk factors for OA 2-mention the prevention of OA 3-explain the management	1			2
13	Diseases of bone: Osteomalacia and rickets	1-define Osteomalacia and rickets 2- list causes of Osteomalacia and rickets 3-explain the management	1			2
14	Diseases of bone: Paget's disease	1-define Paget's disease 2- explain the management	1			2
15	Musculoskeletal presentation of systemic diseases	1-list the common Musculoskeletal presentation of systemic diseases	1			2



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Schedule of Curriculum- Subject FifthYear Neurology Students:

Total weeks of the course 30

Theory hours: 30

Practical hours 60

Units of teaching: 4

Week	Subject (Theory)	objectives	Hours	(Subject) Practical	objectives	Hours
1	Physiological and anatomical review	To review the clinical application of anatomy and physiology	1	Patients /doctors relationship	Explain how to deal with a neurological patients	2
2	Consciousness & its diturbances; Confusion and dilirium	1- define conscious level 2- classify conscious level	1	Patients /doctors relationship	Explain how to deal with a neurological patients	2
3	Consciousness & its diturbances; Coma & its management	1-identify coma 2-recognize common causes 3-explain management	1	Skills of history taking	Determine the specific point of history taking in each neurological case	2
4	Disorders of communication (higher brain functions): aphasia, agnosia, apraxia	1-define higher brain functions	1	Skills of history taking	Determine the specific point of history taking in each neurological case	2
5	Vascular diseases: ischemic stroke	1-Define stroke 2- list the causes 3- clarify management	1	General medical examination	Review of general medical signs that related to neurological disease	2
6	Vascular diseases: intracranial hemorrhage	1-explain intracranial hemorrhage 2- mention common causes	1	Examination of gait	1- describe the normal gait 2- list the parameter of gait examination	2

7	Subarachnoid hemorrhage	1-identify Subarachnoid hemorrhage 2- mention common cause 3- explain the management	1	Examination of gait	Identify the types of abnormal gait	2
8	Primary and secondary headache	1-recognize the main types of headache 2-clarify the management	1	examination of conscious level	Differentiate between the level & content of consciousness	2
9	Neurocutaneous disorders	1-define Neurocutaneous disorders	1	examination of conscious level	Practice the assessment of Glasgow coma score	2
10	Space-occupying lesions	1- list the common presentation of raised intracranial pressure 2-classify brain tumor	1	mental state examination	1 -Review the types of memory 2-explain the way of memory assessment	2
11	Pain & its management	1- characterize the neuropathic pain. 2-list the types of management	1	mental state examination	Assess orientation and judgment	2
12	Infection of CNS:	1-list the common CNS infection	1	speech examination	1-list parameters of normal speech 2- recognize the most important dysarthrias	2
13	Viral & bacterial meningitis	1-identify the common presentation of acute meningitis 2- recognize the ways for diagnosis	1	speech examination	Differentiate the types of dysphasia	2
14	Infection of CNS: Sub acute meningitis	1-Define sub acute meningitis 2-list common causes	1	Examination for meningeal signs	Demonstrate examination of meningeal signs	2

		3-clarify management				
15	Convulsive disorders: epilepsy classification	1-define seizure 2-classify seizure	1	Cranial nerves examination	1- explain the function of each cranial nerve 2- describe examination of each cranial nerve 3-list common abnormality	2
16	Convulsive disorders: epilepsy management	1-list the most important ways for diagnosis 2-mention the management	1	Cranial nerves examination	1- explain the function of each cranial nerve 2- describe examination of each cranial nerve 3-list common abnormality	2
17	Parkinson's disease & other movement disorders	1-define Parkinson's disease. 2-recognize presentation 3- explain management	1	Cranial nerves examination	1- explain the function of each cranial nerve 2- describe examination of each cranial nerve 3-list common abnormality	2
18	other movement disorders	1-list the common movement disorders 2- explain management	1	motor system examination inspection & tone	Describe the steps of motor system examination	2
19	Hyperkinetic movement disorders	1-recognize Hyperkinetic movement disorders 2- explain management	1	motor system examination power	1-Demonstrate tone and power examination 2-classify tone abnormality	2
20	Ataxic disorders	1-Classify ataxia 2-list the common cause	1	motor system examination reflexes	1-grading of power and reflexes 2-recognize abnormal reflexes	2
21	Alzheimer disease and other dementias	1-define dementia 2-classify dementia	1	Sensory examination Pain and temperature	1-Describe dermatomal distribution of sensations	2

					2- explain pain & temperature examination	
22	Alzheimer disease and other dementias	1-recognize each type of dementia 2- clarify management	1	Sensory examination vibration and position sense	1-List the common site of vibration examination 2-demonstrate position sense examination	2
23	Multiple sclerosis and other demyelinating diseases	1-describe demyelinating diseases 2-identify types	1	Examination of comatose patient	1-Differentiate between medical and surgical coma	2
24	Multiple sclerosis and other demyelinating diseases	Outline the management of demyelinating diseases	1	Examination of patient with tremor	1-List the common types of tremor 2- differentiate between each type	2
25	Diseases of the spinal cord	1-Demonstrate Diseases of the spinal cord 2-summarize management	1	Seizure and epilepsy	List the specific signs that differentiate seizure from other mimicker	2
26	Cranial nerves disorders	1- list Cranial nerves disorders 2-discribe their managment	1	parkinsonism	1-Describe the specific signs of parkinsonism 2-demonstraite the specific signs of parkinsonism	2
27	Peripheral neuropathy	1-recognize types of peripheral neuropathy 2-list the cause 3-mention there management	1	Ischemic stroke	1- evaluate patient with ischemic stroke 2-mention how to prevent complications	2
28	Muscular diseases: dystrophies & chanelopathies	1- classify muscular diseases 2-discribe management	1	Case presentation & brain MRI interpretation	1-Describe normal brain MRI 2-recognize the most common abnormal findigs	2

29	Neurological complication of medical problems	1-distinguish Neurological complication of medical problems 2- mention management	1	Case presentation & brain CT interpretation	1-Describe normal brain MRI 2-recognize the most common abnormal findings	2
30	Inflammatory muscle disease	1-identify Inflammatory muscle disease 2- recognize their management	1	LP technique & interpretation of CSF results	1-demonstrate the proper way of LP 2-list indications & contraindications	2