

Curriculum for Internal Medicine FOAMed

Discipline Heading	Lectures/Categories within the Discipline	Sub-Categories within the Category
The Theory and Practice of Medicine	<ul style="list-style-type: none"> Clinical Decision Making Principles of Imaging Principles of Pharmacology Women's Health and Pregnancy Genetics and Stem Cells LGBT Health and Wellness Medicine in the Surgical Patient Cost-Effective Medicine and End-of-Life Care The Appropriate Physical Exam How to Consult 	<ul style="list-style-type: none"> To be given by Ob/Gyn attending
The Review of Systems (How Disease Manifests)	<ul style="list-style-type: none"> Temperature Disturbances CNS/LMN Disturbances Pain Rashes, Plaques and Paraneoplasias of the Skin Urinary Disturbances DOE/SOB/Edema Nausea, Vomiting, and Diarrhea LAD and Hematological Disturbances 	
Infectious Diseases	<ul style="list-style-type: none"> Bacteria Overview of Viral Disease Viruses 	<ul style="list-style-type: none"> Gram-Positive Bacteria - Disease and Management Gram-Negative Bacteria - Disease and Management Mycobacteria/Spirochetes/No cardia HIV The Hepatidites

Viral pathogens of the
Respiratory and GI tracts
The Herpes Virus Family
Rabies, Arthropod and
Ticke-Borne Viruses
Hemorrhagic Fevers

Fungal Infections
Protozoans and Helminths
Tropical Infections

Hematology and Oncology

Neoplasia/Dysplasia/Metaplasia
Basics of Hematology and Lymphoid Tissue -
Physiology
Approach to Hem-Onc and BMT patients

Neoplasia

Prevention and Detection of
Cancer
The Principles of Cancer
Treatment
Lung Cancer
Breast Cancer
Colorectal, Esophageal and
other GI cancers
Biliary, Liver and Pancreatic
Cancers
Bladder, Renal and Testicular
Cancer
Bone Cancer
Urological and Gynecological
Cancers

Hematological and Platelet Disorders
Anemia

The Workup of Anemia
Disorders of the Hemoglobin
Molecule
Microcytic and Macrocytic
Anemias
Hemolysis, Aplastic Anemia,
and Anemia of Blood Loss
AML/CML
Lymphoid and Plasma Cell
Disorders
Amyloidosis and Inclusion
Disorders

Cancers of the Blood

Transfusions
DVT and PE

Critical Care Medicine Approach to a Critical-Care Patient
ARDS, Pulmonary Edema and Mechanical Ventilation
Shock
Coma and Neurological Catastrophes
Other Emergencies (GVHD, Tumor Lysis, Burns, etc)
Sedation, MAC, and the Anesthetic Plane
Delirium

Cardiovascular Medicine Basics of the Heart - Physiology, and common medications
Basics of the Vasculature - Physiology, and common medications
Approach to the Patient in Cardiovascular Disease
Interpretation of the EKG
Rhythmic Disorders
Heart Failure and Cor Pulmonale, with Assistive Devices
Valvular Heart Disease
Atherosclerosis
Ischemic Disease, and Transplantation
Unstable Angina and NSTEMI
STEMI
Structure and Function of the CCU
HTN - Pathogenesis and its Treatment

The Respiratory System Basics of Ventilation and Oxygenation - Physiology

Approach to the Patient with Troubled Breathing

Asthma

Pneumonia

CAP

HAP, HCAP, and VAP

CF

COPD

ILD

Disorders of Ventilation and Sleep Apnea

The Pleura and Its Disorders

Environmental Illness, including
High-Altitude Sickness

**Gastrointestinal
Medicine**

Basics of Digestion and Metabolism -
Physiology
Visualization of the GI Tract - EGD,
Colonoscopy, ERCP and US
Motility Disorders
Acute and Chronic Diarrheal Disorders
PUD and GERD
IBS and IBD
The Surgical Abdomen
Malabsorptive Disorders, Including Celiac
Disease
Acute and Chronic Pancreatitis
Obstructive and Hepatocellular Liver Disease
Patterns
Toxicity and DILI
NASH
Alcoholic Liver Disease and Cirrhosis
Diseases of the Gallbladder
Nutrition in the Inpatient Setting; Tube
Feeds

**Rheumatological
Medicine**

Bone Structure and Joint Anatomy -
Physiology
Basics of Immunity - Physiology
The MHC and Primary Immune Disorders
Immune-Mediated Injury

Allergies
Autoimmunity and the
Autoimmune Diseases
RA, Septic Arthritis, and other
Arthritides
SLE
RE
Scleroderma and Sjogren's
Disease
Vasculitides
Spondyloarthritides
Sarcoidosis
FMF and Recurrent Fevers

OA, Gout and Crystal Related Diseases

Fibromyalgia and Central Sensitivity Disorders

Renal

Renal Physiology (Review)

Acid-Base Homeostasis (Review)

Laboratory Renal Tests and their Interpretation

Acid-Base Disorders

Fluids and Electrolytes

Other Minerals and their Disorders

Acute Kidney Injury

ATN and Interstitial Disorders of the Kidney

Glomerular Disorders

Nephrotic Syndrome

Nephritic Syndrome

Chronic Kidney Disease

Endocrinopathies in CKD

Medications in CKD

Hereditary Kidney Syndromes, including APCKD

Dialysis, RRT, and Transplantation

Endocrinology

Basics of the Endocrine System - Physiology

Hypothalamic and Pituitary Disorders

Thyroid

Hashimoto's and

Hypothyroidism

Graves' and Thyrotoxicosis,
with Thyroid Storm

Addison's and Cushing's Disease

Testicular Disorders, including Testosterone Level Disorders

Menopause, Infertility and Contraception

GI and Pancreatic Endocrine Tumors, with MEN

Bone and Mineral Metabolism - Physiology

Calcium Homeostasis - Physiology

Parathyroidism

Osteoporosis, Paget's and Dysplasias of Bone

Disorders of Glucose Homeostasis

Hypoglycemia

Type 1 Diabetes, LADA, KPD
and DKA

Type 2 Diabetes, MODY, and
HHS

Insulin Dosing and Oral Agents

Metabolism/Membrane Transport and Storage dzs, with Porphyrrias

Neurological Disease	Nervous System Function - Physiology The Neurological Exam SZ Disorders, including Epilepsy CVA Dementia, including AD, LB, and the prion Diseases LMN Disease, including ALS Spinal Cord Disease ANS Disease TBI and Closed Head Injuries, with Concussion MS and Demyelinating Diseases CNS Infections and the Meningitides Brain Neoplasms NMJ Disorders, Immune Mediated Neuropathy, w/ GBS Disorders of Movement
Psychiatric Medicine	A Successful Psychiatric Consultation Substance Use Disorders Screening for Depression, Anxiety, SI/HI and AVH
Dermatological Medicine	Skin Cancers Dermatological Emergencies Rash Patterns in Primary Dermatologic and Systemic Dz
Emergency Medicine	Successful Interactions with the ER Overdoses, Poisonings, and Evenomations
Outpatient Medicine	Deciding What's Important CP, SOB, back pain and outpt 'emergencies' Health Maintenance Goals and Vaccinations Wellness
The Hidden Curriculum	QI Breaking Bad News

Leadership in Medicine

The Management of Money in Practice, and Billing

Health Systems, ACOs and Core Measures

Practical Medical Ethics

Malpractice and Common Legal Issues in
Medicine

"Difficult Patients"