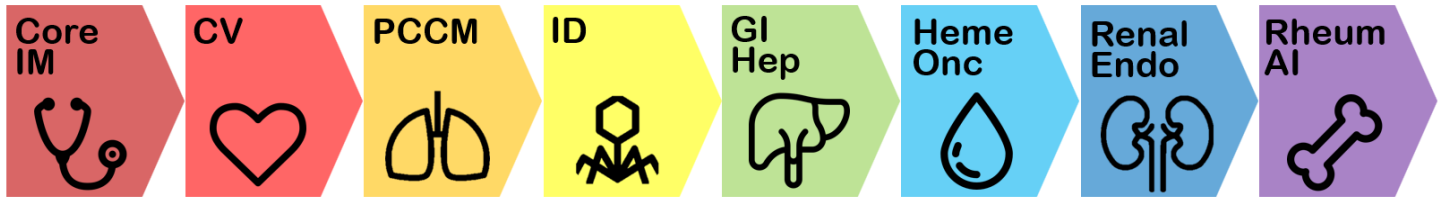


Baylor College of Medicine- Internal Medicine Noon Conference Curriculum

Below you will find the year-long curriculum BCM IM Noon Conference Curriculum. This curriculum is repeated every year, ensuring that every resident is exposed multiple times to these core topics necessary for practice in Internal Medicine as well as success on the Internal Medicine Board Exam. Every noon conference lecture is accompanied by a Learning Objective Document, which will be released at the end of every week to reinforce key points.



Core Topics in Internal Medicine

Chest Pain and Initial Management of Acute Coronary Syndromes
Code Blue: Team, Roles, and Mechanics
Antibiotic Selection: Principles and common empiric Regimens
Hypotension: evaluation and management
Neurologic Emergencies: strokes, seizures, bleeds
Radiology 101 for IM Residents
Dyspnea and acute respiratory failure
Altered mental status
Syncope and orthostatic hypotension
Acute kidney injury
Heart failure: management of inpatients
COPD
Gastrointestinal bleeding
Volume status assessment, IV Fluids and diuresis
Hypertension and hypertensive crises
Inpatient diabetes management and DKA/HHS
Cirrhosis: evaluation and management
Atrial Fibrillation and other tachyarrhythmias: evaluation and management
Pain management
Interpretation of ECGs – part 1
Interpretation of ECGs – part 2
High yield clinical pharmacology
ID Pearls

Cardiovascular System

Previously covered Core Topics in IM: Chest Pain and Initial Management of Acute Coronary Syndromes, Heart failure: management of inpatients, Hypertension and hypertensive crises, Atrial Fibrillation and other tachyarrhythmias: evaluation and management, Interpretation of ECGs – part 1&2

Bradyarrhythmias: acute and chronic management & basics of pacing

Valvular disorders

Pericardial diseases

Aortic syndromes

Peripheral vascular disease and vascular ulcers

Heart Failure: cardiomyopathies and chronic therapies

Treating stable coronary disease + Hyperlipidemia

Diagnosing CAD: stress tests, coronary CT, and catheterization

Pulmonology and Critical Care Medicine

Previously covered Core Topics in IM: Dyspnea and acute respiratory failure, Code Blue, COPD

Asthma, review of obstructive PFTs

Pulmonary HTN

Diffuse parenchymal lung disease, review of restrictive PFTs

Venous Thromboembolism

Disorders of the pleura

Sleep disorders and OHS

Sepsis

Tuberculosis

Pneumonia

Chest X-ray interpretation

Infectious Disease

Previously covered in Core Topics in IM: antibiotic selection: principles and common empiric regimens, ID pearls

Urinary tract infections

Endocarditis

Meningoencephalitis

Antibiotics: Finer points and Stewardship

Viral syndromes and Influenza

Osteomyelitis and diabetic foot infections

Fungal infections and antifungals

C. difficile and infectious diarrhea

HIV: diagnosis, management, long term considerations

AIDS: opportunistic infections and IRIS

Sexually transmitted diseases

Fever in returning traveler

Transplant ID

Bacteremia

Parasites for the internist

General Medicine

Previously covered topics in Core Topics in IM: syncope and orthostatic hypotension, management of pain, nausea, and insomnia, HTN and HTN emergencies, Hypotension: evaluation and management, Neurologic emergencies: stroke, seizures, and beyond, high-yield clinical pharmacology
Acid-base disorders and arterial blood gas interpretation
Cellulitis and its mimickers
EtOH withdrawal
Inpatient geriatrics: drugs, delirium, and deconditioning
Toxidromes and toxicology
Radiology 201: chest and abdominal CTs
Dementia
Headache
Approach to weakness; myopathies “disorders of the NMJ”, neuropathies
Urology for the internist: hematuria, foleys, stones, retention, PCNs

GI and hepatology

Previously covered topics in Core Topics in IM: Cirrhosis evaluation and management, GI bleed
NAFLD
Viral Hepatitis
Approach to LFTs
Biliary disease with focus on autoimmune biliary diseases
Dysphagia and esophageal pathologies
Functional Abdominal syndromes and gastroparesis
Peptic Ulcer disease, GERD and H.Pylori
Pancreatic disease and acute pancreatitis
Chronic diarrhea
Inflammatory bowel disease
Abdominal pain and surgical syndromes with focus on biliary disease and gallstone complications
Acute on chronic liver disease, inpatient care of liver cirrhosis

Hematology

Thrombocytopenia and platelet dysfunction
Coagulation disorders including HIT
Thrombotic microangiopathies
Sickle cell disease
Transfusion medicine
Anticoagulation
Plasma cell disorders
Leukemia
Anemia

Oncology

Lymphoma
Cancer therapeutics and side effects
Lung Cancer
Breast Cancer
Prostate Cancer
Colon Cancer
Esophageal and gastric cancer
Renal and bladder cancer
Hepatic, biliary, and pancreatic cancer
Oncologic Emergencies
Immunotherapy

Renal

Previously covered topics in Core topics in IM: AKI, Volume status, fluids, and diuretics
Chronic Kidney Disease
ESRD, RRT and emergent HD
Hyponatremia
Glomerular disorders
Disorders of potassium balance

Endocrinology

Previously covered topics in Core topics in IM: inpatient diabetes management and DKA/HHS
Adrenal disorders
Thyroid disorders
Calcium and phosphate derangements
Diabetes: chronic management and complications
Pituitary insufficiency and neoplasms

Rheumatology; Allergy and Immunology

SLE
Vasculitides
Systemic Sclerosis
Allergy: from atopy to anaphylaxis (incl. eosinophilia)
Polyarthralgias: RA, osteo-, spondylo-
Monoarthritis
Sarcoidosis
Myositis

In addition to the above clinical topics, there is essential content that will be covered as part of Noon Conference Curriculum:

Quality Improvement

Weekly/Monthly Pavilion specific QI conferences

Humanism in Medicine

"My First" – Reflections for residents
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Gold Humanism Society: Patient memorials and reflections
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Monthly B2B reflections

Resident as Teacher Curriculum

Giving great presentations

Giving Feedback

Principles of effective clinical teaching

Evidence Based Medicine and Practice based learning

Updates in Hospital Medicine

Journal Clubs

Basics in EBM: stats, study types

Diagnostic Reasoning

Introduction to diagnostic reasoning

Physical diagnosis

Lessons learned: following up on your patient
