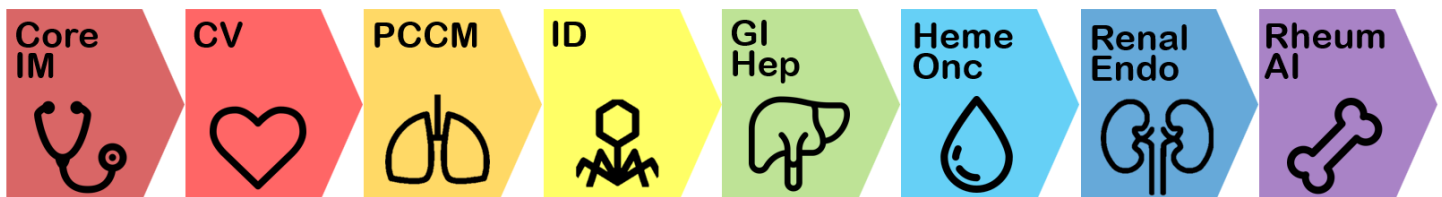


# Baylor College of Medicine- Internal Medicine Noon Conference Curriculum

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.

## Noon Conference Links:

- Watch live lectures weekdays at 12:15 p.m on Zoom: <https://bcm.zoom.us/j/914807894>
- Watch previously recorded lectures: <https://bit.ly/noonconference>
- Give feedback: <https://forms.gle/x11MqrmuhY5jKayv5>



## 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
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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
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Resident as Teacher Curriculum

Giving great presentations
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Giving Feedback
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Principles of effective clinical teaching
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Evidence Based Medicine and Practice based learning

Updates in Hospital Medicine
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Journal Clubs
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Basics in EBM: stats, study types
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Diagnostic Reasoning

Introduction to diagnostic reasoning
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Physical diagnosis
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Lessons learned: following up on your patient
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