

# Department of Internal Medicine

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- About Us Divisions Research Residency Program Fellowship Programs

- News and Events Front Page Features Conferences and Lectures

## Medical Grand Rounds

- Fall 2015 Spring 2015 Fall 2014 Spring 2014 Fall 2013 Spring 2013 Fall 2012 Spring 2012 Fall 2011 Spring 2011 Fall 2010 Spring 2010 Fall 2009 Spring 2009

## Porter's Rounds

# Medical Grand Rounds

## Spring 2012

12:00 PM  
Kontos Medical Sciences Building Auditorium

[January](#) | [February](#) | [March](#) | [April](#) | [May](#) | [June](#)

Podcasts on select lectures may be accessed from [VCU's iTunes University](#) and requires [download of iTunes from Apple's website](#) and a VCU [eID](#) to access. PowerPoint presentations also require a VCU [eID](#) to access.

## January

Jan. 5	<p>Clinicopathologic Conference: 34 year old African female presents with limb pain, acute psychosis and pancytopenia</p> <p>Frank Fulco, MD, RPh, FHM Hospitalist and Assistant Professor Associate Program Director, VCU Internal Medicine Residency Department of Internal Medicine McGuire VA Medical Center and Virginia Commonwealth University</p> <p><a href="#">Click to Download CPC Protocol</a></p> <p>Following this Grand Rounds presentation, participants will be able to:</p> <ul style="list-style-type: none"> <li>Recognize etiologies and diagnosis from the clinicopathologic case presented</li> <li>Observe an experienced clinician's diagnostic reasoning process</li> </ul>
Jan. 12	<p>Amyloidosis</p> <p>Beata Holkova, MD Assistant Professor of Medicine</p>

Division of Hematology, Oncology, and Palliative Care  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Know and recognize different subtypes of amyloidosis
- Identify potential therapies for each subtype

Jan. 19      Expanding the Organ Donor Pool for Kidney Transplantation

Anne L. King, MD  
Professor of Medicine and Surgery  
Medical Director, Kidney and Pancreas Transplant Program  
Hume-Lee Transplant Center  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Understand the scope of the organ donor shortage at this time
- Recognize strategies that have been implemented to address these shortages in both deceased donor and living donor kidney transplantation
- Discuss commercialization of donor organs for transplantation and the implications of this strategy
- Identify unconventional approaches utilized by individuals to gain access to organ transplantation and shorten waiting times

Jan. 26      VISITING SPEAKER  
Predicting and Preventing Cardiovascular Disease in Women

Eleanor B. Schwarz, MD, MS  
Associate Professor of Medicine, Epidemiology,  
Obstetrics, Gynecology, Reproductive Sciences,  
and Clinical and Translational Research  
University of Pittsburgh School of Medicine and Graduate School of Public Health

Following this Grand Rounds presentation, participants will be able to:

- Identify aspects of women's pregnancy history that have been associated with cardiovascular disease
- Discuss ways that premature discontinuation of lactation may affect their risk of cardiovascular disease
- Recognize ways that clinician counseling may help women avoid cardiovascular disease

[Back to top](#)

## February

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Feb. 2

### VISITING SPEAKER

Taking Dietary Fat Out of the Fire

William Yancy, Jr., MD, MHS  
Associate Professor, General Internal Medicine,  
Duke University School of Medicine  
Research Associate, Center for Health Services  
Research in Primary Care, Durham VA Medical Center

[Click for Lecture Slides](#)

Following this Grand Rounds presentation, participants will be able to:

Review the history and data behind the relationship between dietary fat and cardiovascular disease (CVD)

Recognize the weight loss and CVD risk factor benefits, and potential side effects, of low-carbohydrate diets

Learn innovative strategies for enhancing adherence to weight loss programs

Feb.9

### VISITING SPEAKER

Health Disparities and the Racial Integration of U.S. Hospitals

P. Preston Reynolds, MD, PhD, FACP  
Professor, Division of General Medicine, Geriatrics, and Palliative Care  
Associate Director, Center for Health Disparities  
Faculty, Center for Biomedical Ethics and Humanities  
University of Virginia

Following this Grand Rounds presentation, participants will be able to:

Discuss patterns of racial segregation of patients and discriminatory policies against African American physicians and trainees common in hospitals throughout the country

Discuss strategies used by the NAACP and the federal government to reverse race discrimination in health care

Discuss the impact of the Medicare Hospital Certification Program on the integration of hospitals, particularly in the South

Discuss the legacy of race discrimination as reflected in persistent health disparities in the U.S.

Feb. 16

Pleural Effusions: Going Beyond Light's Criteria

Hans Lee, MD  
Assistant Professor of Medicine  
Division of Pulmonary and Critical Care Medicine  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Understand Light's criteria and its limitations
- Recognize and diagnose lung entrapment
- Describe the fundamental evaluation of pleural effusions

Feb. 23 Hepatorenal Syndrome: Finding a Cure for a Universally Lethal Disease

Arun J. Sanyal, MBBS, MD, FACP  
Charles Caravati Professor of Medicine  
Chair, Division of Gastroenterology, Hepatology and Nutrition  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Learn about acute kidney injury (AKI) in cirrhosis
- Learn the pathogenesis of Hepatorenal Syndrome (HRS)
- Learn to diagnose HRS
- Learn how to treat and reverse HRS

[Back to top](#)

## March

Mar. 1 Cardiac Amyloidosis

Keyur B. Shah, MD, FACC  
Assistant Professor of Medicine  
Division of Cardiology  
VCU Pauley Heart Center

Following this Grand Rounds presentation, participants will be able to:

- Review the types of amyloidosis that affect the heart
- Review the clinical findings that should raise the suspicion for cardiac amyloidosis

Review the diagnostic modalities used to confirm the presence of amyloidosis

Mar. 8 Pancreatic Cancer: "Are We Better Off Today Than 4(0) Years Ago?"

Bhaumik B. Patel, MD  
Assistant Professor of Medicine  
Division of Hematology, Oncology and Palliative Care,  
Massey Cancer Center and VCU Medical Center  
Staff Oncologist, McGuire VA Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Learn the epidemiology and biology of pancreatic adenocarcinoma
- Learn about the issues related to diagnosis, staging and prognosis of pancreatic adenocarcinoma
- Understand the importance of multimodality treatment approach
- Learn about recent advances in pancreatic cancer treatment

Mar. 15 THE GREAT DEBATE  
Topic: "Escalation of Care"

Shaun Bhatti, MD  
Chief Medical Resident  
Department of Internal Medicine

Maria Cristina Castillo-Catoni, MD  
Chief Medical Resident  
Department of Internal Medicine

Daniella Muallem Schwartz, MD  
Chief Medical Resident  
Department of Internal Medicine

John Robert Dye, MD, PhD  
Chief Medical Resident  
Department of Internal Medicine

Following this Grand Rounds presentation, participants will be able to:

- Understand the history of supervision and autonomy and how new ACGME rules have affected this
- Identify the barriers to escalation at VCU
- Identify the advantages and disadvantages of supervision versus autonomy

Mar. 22 Clinicopathologic Conference: 73 year old man presents with progressive mental

status decline and white matter brain lesions

Owen G. Schwartz, MD  
Academic Hospitalist,  
McGuire VA Medical Center  
Assistant Professor of Medicine,  
Department of Medicine  
VCU Health System

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Following this Grand Rounds presentation, participants will be able to:

- Recognize etiologies and diagnosis from the clinicopathologic case presented
- Observe an experienced clinician's diagnostic reasoning process

Mar. 29 VISITING SPEAKER  
"Where Does the Salt Go?"

Mitchell H. Rosner, MD, FACP  
Chair, Department of Medicine  
Associate Professor of Nephrology  
University of Virginia School of Medicine

Following this Grand Rounds presentation, participants will be able to:

- Understand the concept of exchangeable sodium and how this pool may be regulated
- Understand the role of exchangeable sodium pools in the pathogenesis of hyponatremia
- Understand the role of exchangeable sodium pools in the pathogenesis of hypertension

[Back to top](#)

## April

Apr. 7 The FDA and Drug Safety: New Directions

Lenore M. Buckley, MD, MPH  
Professor and Eminent Scholar  
Division of Rheumatology, Allergy and Immunology  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

Understand the history of the development of the FDA

Understand the drug safety issues that led to reforms in safety systems at the FDA

Understand new programs in place to ensure drug safety in the FDA

Apr. 12 Palliative Care in Vietnam: Progress and Challenges

Colin P. Wozencraft, MD

Assistant Professor of Internal Medicine and Palliative Care

Department of Medicine

University of Alabama at Birmingham

Following this Grand Rounds presentation, participants will be able to:

Appreciate the need for palliative care in Vietnam, its development so far, and the socio-economics affecting its availability and growth

Understand key cultural factors for Vietnamese patients and families that inform attitudes towards palliative care, and understand the implications these factors may have when providing care for Vietnamese Americans

Recognize home-based palliative medicine services as a novel yet viable care delivery option for Vietnam and other resource-limited regions

Apr. 19 ANNUAL MARKHAM AWARD LECTURE

Rethinking Healthcare Teams

Alan Dow, MD, MSHA

Macy Faculty Scholar

Assistant Vice President of Health Sciences

for Interprofessional Education and Collaborative Care

Assistant Dean of Clinical Curriculum

Associate Professor of Internal Medicine

Virginia Commonwealth University

Following this Grand Rounds presentation, participants will be able to:

Apply some frameworks for team functions to the care of their patients

Be able to articulate the leadership contract within the healthcare teams

Appreciate the importance of rethinking healthcare teams as healthcare evolves

Apr. 26 Care of the Woman with Inflammatory Bowel Disease

Jill K. J. Gaidos, MD

Assistant Professor of Medicine

Division of Gastroenterology, Hepatology and Nutrition  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Review the risk of cervical dysplasia among women with IBD
- Review fertility and pregnancy outcomes and mode of delivery among women with IBD
- Review the safety of medications in pregnancy and nursing

[Back to top](#)

## May

May 3

### ANNUAL BLACKARD LECTURE

The Dilemma of Subclinical Hypothyroidism: Who Should Be Treated and Why?

David F. Gardner, MD  
Professor of Internal Medicine  
Division of Endocrinology and Metabolism  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Define subclinical hypothyroidism
- Review etiology and natural history
- Review clinical sequelae of the disorder
- Identify subset of patients who should be treated

May 10

### An Update on MRSA Treatment

Michael P. Stevens, MD, MPH  
Assistant Professor of Internal Medicine,  
Division of Infectious Diseases  
Associate Hospital Epidemiologist  
Director, Antimicrobial Stewardship Program  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Identify first-line therapy for serious MRSA infections

Identify appropriate outpatient therapy for MRSA skin and soft tissue infections

Compare and contrast the available parenteral agents for the treatment of invasive MRSA infections

Describe the role of the vancomycin MIC in treating MRSA

Identify recently approved MRSA-active agents and discuss when their use would be appropriate

May 17

**\*\*NOTE SPECIAL LOCATION\*\***

SANGER HALL, ROOM 1-044, 12:00 PM

VISITING SPEAKER

Emerging Treatment Options for Aortic Stenosis:  
The Role for Transcatheter Aortic Valve Replacement

Zachary Gertz, MD, MBE  
Interventional Cardiology Fellow  
University of Pennsylvania

Following this Grand Rounds presentation, participants will be able to:

- Understand the best methodology for determining the severity of aortic stenosis
- Identify appropriate patients for treatment with transcatheter aortic valve replacement
- Understand the risks and benefits of transcatheter aortic valve replacement

May 24

VISITING SPEAKER  
ANCA-Associated Vasculitis

Peter A. Merkel, MD, MPH  
Chief, Division of Rheumatology  
Professor of Medicine and Epidemiology  
University of Pennsylvania

Following this Grand Rounds presentation, participants will be able to:

- Develop a methodology for clinically evaluating patients with ANCA-associated vasculitis granulomatosis with polyangiitis (Wegener's) and microscopic polyangiitis
- Discuss the findings and implications of recent clinical trials for small vessel vasculitis
- Understand the current standard of care treatment protocols for patients with ANCA-associated vasculitis
- Discuss the current areas of clinical investigation of ANCA-associated vasculitis

May 31

VISITING SPEAKER

Restoration of CD4+ T Cell Function through IL-2 Regulation Influences Sarcoidosis Clinical Outcomes

Wonder Puryear Drake, MD  
Associate Professor of Medicine  
Associate Professor of Pathology,  
Microbiology, and Immunology  
Vanderbilt University School of Medicine

Following this Grand Rounds presentation, participants will be able to:

- Characterize T cell function within interstitial lung diseases, such as sarcoidosis
- Define aberrations following T cell receptor simulation that lead to T cell anergy
- Correlate T cell function with clinical outcome in sarcoidosis

[Back to top](#)

## June

June 7

Pulmonary Complications of Bone Marrow Transplant

Kristin Miller, MD  
Assistant Professor of Medicine  
Division of Pulmonary and Critical Care Medicine  
Department of Internal Medicine  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Provide an overview of hematopoietic stem cell transplantation (HSTC)
- Discuss pre-transplant pulmonary evaluation and its potential role in identifying those patients at risk for pulmonary complications
- Discuss non-infectious pulmonary complications following HSTC, including pulmonary manifestations of graft versus host disease

June 14

Resident Research Presentations

The Paradox of Thrombocytopenic Thromboembolism in Acute Myelogenous Leukemia

Gary Simmons, DO  
PGY-2

Following this Grand Rounds presentation, participants will be able to:

Recognize the incidence of venous thromboembolism in acute leukemia

Recognize that low-molecular weight heparin has been used safely in acute leukemia despite severe thrombocytopenia

Describe randomized controlled trial using low-molecular weight heparin as prophylaxis to reduce the incidence of venous thromboembolism in acute myelogenous leukemia (Non-APL)

MicroRNA-21 Mediates Cardioprotection with PKG-I a Over-Expression through Upregulation of Hydrogen Sulfide

Christopher Thomas, MD, MS

PGY-3

Following this Grand Rounds presentation, participants will be able to:

Describe some of the molecular processes which lead to the ischemia/reperfusion injury pathology

Discuss the downstream effects of upregulation of protein kinase G in regards to apoptosis and necrosis of cardiomyocytes and global cardiac function

Review some of the tools currently used in a basic science laboratory to measure protein function as well as markers of cellular apoptosis and necrosis

A Patient from Cameroon with Chronic Abdominal Pain

Tuyet Nguyen, MD

PGY-3

Following this Grand Rounds presentation, participants will be able to:

Recognize *M. tuberculosis* as an atypical cause of chronic abdominal pain

Understand the limitations of tissue culture, biopsy staining, and PCR in detection of *M. tuberculosis*

Understand the epidemiology of gynecological *M. tuberculosis*

Blocking an Electrical Storm

Ali Yassen, MBChB

PGY-1

Following this Grand Rounds presentation, participants will be able to:

- o Define an electrical storm
- o Describe the ACLS recommended treatment of an electrical storm
- o Understand how a left stellate ganglion blockade works
- o Discuss evidence to support the use of a left ganglion blockade in an electrical storm

## The Value of Palliative Care

Egidio Del Fabbro, MD  
Associate Professor of Medicine  
Program Director, Palliative Care  
Massey Cancer Center  
VCU Medical Center

Following this Grand Rounds presentation, participants will be able to:

- Recognize the positive outcomes of Palliative Care
- Understand the Palliative Care Clinical Model
- Appreciate the value of symptom assessment and management

[Back to top](#)

Virginia Commonwealth University  
VCU School of Medicine  
Department of Internal Medicine  
Contacts  
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Cardiology  
Endocrinology and Metabolism  
Gastroenterology, Hepatology and Nutrition  
General Internal Medicine  
Geriatric Medicine

Hematology, Oncology and Palliative Care  
Infectious Diseases  
Nephrology  
Pulmonary Disease and Critical Care  
Medicine  
Rheumatology, Allergy and Immunology