May 3, 2017
“Dyspnea: Pathophysiology, Evaluation, and Management”
Andrew Tomlinson, M.D.
Assistant Professor of Internal Medicine, Division of Pulmonary and Critical Care Medicine, University of Texas Southwestern Medical Center – Dallas, Texas

Objectives:
• Discuss the pathophysiology of dyspnea.
• Review common causes of dyspnea.
• Discuss the role of cardiopulmonary exercise testing in evaluating dyspnea.

May 10, 2017
“Intracranial Pressure During Daily Life in Healthy Adults. What Does Microgravity Add to the Mix?”
Justin Lawley, Ph.D.
Instructor & Junior Faculty, University of Texas Southwestern Medical School and Division of Cardiology; Institute for Exercise and Environmental Medicine – Dallas, Texas

Objectives:
• Describe the fundamental effects of gravity on arterial, central venous and cerebral spinal fluid pressures.
• Explain the impact of removing gravity on arterial, central venous and cerebral spinal fluid pressures.
• Discuss what roles cerebral spinal fluid pressure changes have on microgravity ocular syndrome in astronauts and the implications for clinical patients on earth.

May 17, 2017
“Gas Embolism: An Overview”
Renie Guilliod, M.D.
Assistant Professor of Internal Medicine, Anesthesiology & Pain Management, Physical Medicine & Rehabilitation UT Southwestern Medical Center – Dallas, Texas

Objectives:
• Discuss the pathophysiology and clinical management of venous gas embolism and arterial gas embolism.

May 24, 2017
“Heart Failure with Preserved Ejection Fraction: Learning from Failure”
Satyam Sarma, M.D.
Assistant Professor, Cardiology
University of Texas Southwestern Medical Center and Institute for Exercise and Environmental Medicine – Dallas, Texas

Objectives:
• Discuss the differences in ventricular remodeling between HFpEF and HFrEF.
• Describe the factors that lead to increased arterial and ventricular stiffness.
• Review the numerous diagnostic dilemmas and pitfalls for diagnosing HFpEF.

May 31, 2017
“Is the Post-Antibiotic Era upon Us?”
David E. Greenberg, M.D.
Associate Professor of Medicine, Division of Infectious Disease and Department of Microbiology
Distinguished Teaching Professor, Southwestern Academy of Teachers; University of Texas Southwestern Medical Center – Dallas, Texas

Objectives:
• Discuss the current state of antibiotic resistance worldwide.
• Identify the drivers of antibiotic resistance.
• Review emerging therapeutics and mitigation strategies to combat antibiotic resistance.

Target Audience: Internal medicine physicians, residents, physician assistants, nurse practitioners, nurses, allied health

Program Directors: Benjamin D. Levine, M.D. – Director, Autonomic Function and Cardiopulmonary Clinics, Institute for Exercise and Environmental Medicine, Texas Health Presbyterian Hospital Dallas – Dallas, Texas; Tony G. Babb, Ph.D. – Director, Cardiopulmonary Laboratory, Effie and Woodford Cain Chair in Cardiopulmonary Research, Institute for Exercise and Environmental Medicine, Texas Health Presbyterian Hospital Dallas – Dallas, Texas; Professor of Internal Medicine, UT Southwestern Medical Center – Dallas, Texas

Format: Didactic lecture with question and answer session

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