# Table of Contents

## Review Articles

### Disruptive Innovation

Peregrine Dalziel, MBBS and Tina Shah, MD ................................................................. 4

### Ventilator Management for the Non-Intensivist

David R. Manoff, MD and Christine Feldmeier, MSIV ........................................ 8

### Thrombotic Thrombocytopenic Purpura: A Review of the Disease Entity, its Clinical and Laboratory Features, and Management Strategies

Rosemarie Beckford, MD and Gunjan Shah, MD .................................................. 12

### Time for Reassessment: A Review of Beta-blockers in the Setting of Cocaine Associated Chest Pain and Acute Coronary Syndrome

Jonathan Finkel MD and Gregory Marhefka, MD .............................................. 16

## Case Reports

### Paraneoplastic Pemphigus in a Patient with Carcinosarcoma of the Uterus

Georgia Giebel, MSIV and Gunjan Shah, MD ....................................................... 19

### A Case of Metastatic Breast Cancer to the Meninges

Carolyn M. Ross, MSIII and Jie Cui, MD .............................................................. 23

### West Nile Virus Encephalitis in a Patient with Renal Transplant

Charles-Lwanga Bennin, MD, Steve Krawitz, MD and Emma Weaver, MD ...... 26

### Acute HIV, Rhabdomyolysis, Renal failure, and Hepatitis: A Case Report

Eve R. Merrill, MD .................................................................................................. 28

### A 52-year-old Female with Ramsay Hunt Syndrome

Ketki Soin, MSIII, Eric Struble, MD and Whitney Jackson, MD ......................... 30

### Brain Zygomycosis in a Patient with High Risk Myelodysplastic Syndrome after Initiation of Chemotherapy

Sameh Gaballa, MD and Ali Al-Ameri, MD ........................................................... 32

### A 40-year-old Woman with Chest Pain, ST Elevation, Elevated Troponin and Normal Coronary Arteries: A Case Report

Bhalaghuru Chokkalingam-Mani, MD and Avinash Chandra, MD ...................... 34

### A Rare Case of Abacavir Hypersensitivity Syndrome

Charles-Lwanga Bennin, MD .............................................................................. 37

### Primary Cutaneous Nocardiosis in a Heart Transplant Patient: A Case Report

Kiran Devaraj, MD, Joanna Rodriguez, MD, Bryan Hess, MD and Paul Mather, MD ................................................................. 39

### GI Dysmotility: A Case Report

Katie Osley, MD and Yiu Tak Leung, MD, PhD .................................................. 41
Chest Pain and Troponin Leak in a Healthy 38-year-old Female
Gunjan Shah, MD .............................................................. 45

Peripancreatic Tuberculosis with Involvement of the Porta Hepatis in a 41-year-old Thai Female Diagnosed via Fine Needle Aspiration
Paurush Shah, MD and Ali Siddiqui, MD ......................................................... 47

A 35-year-old Man with New Onset Blindness
Cecilia Kelly, MD, Claire Raab, MD and Aimee Lee, MSIV .................................................. 50

Post-Pneumonectomy Changes
Charles-Lwanga Bennin, MD .......................................................... 52

Rare Gram-Negative Sepsis in a Non-Ventilated Neutropenic Patient with AML
Jay Sellers, MD and Paurush Shah, MD .................................................. 55

Images in Clinical Medicine
Images in Clinical Medicine
Calciphylaxis
Darren Andrade, MD .......................................................... 58

Chronic Tophaceous Gout
Sara Beltz, MD ............................................................................. 58

Digital Clubbing
Yiu Tak Leung, MD, PhD .......................................................... 59

Poetry
Andrew Lerner, MD ........................................................................ 60

Photograph by Douglas Guggenheim, MD