



# BRCU

Board Review  
Course & Update  
VIRTUAL 2021

July 17-22

## Saturday, July 17 | 10:00 a.m. – 6:15 p.m. EDT

- 10:00 a.m. **BRCU Welcome and Introduction** Roger Rodby, Laura Maursetter
- 10:30 a.m. **Question Block #1** Self-Directed Case Breakouts\*\*\*
- 11:00 a.m. **Warm-Up Board Questions** Roger Rodby, Laura Maursetter
- 11:40 a.m. **Relationship Between Sodium and Water: Principles of Hyponatremia and Hypernatremia** Mitchell Rosner
- 12:40 p.m. Break
- 12:55 p.m. **Cases: Volume, Sodium, and Water Disorders** Roger Rodby, Mitchell Rosner
- 1:55 p.m. Break
- 2:55 p.m. **Question Block #2** Self-Directed Case Breakouts\*\*\*
- 3:25 p.m. **Cases: Urinalysis/Urine Microscopy** Mark Perazella
- 4:05 p.m. **Acute and Chronic Interstitial Nephritis** Mark Perazella
- 4:55 p.m. **Cases: Onconephrology** Mark Perazella, Mitchell Rosner
- 5:45 p.m. **Optional Breakouts** Self-Directed Study Groups\*\*\*
- 6:15 p.m. Adjourn

## On-Demand Presentations | available July 12

**Cases: Imaging in Nephrology** Mark Perazella

**Approach to the Interpretation of Proteinuria, Albuminuria, Hematuria, and Urinary Sediment**  
Richard Glassock

**Nephrotoxins for the Boards** Mark Perazella

**Estimating GFR: From Physiology to Public Health** Cynthia Delgado

**Inherited Renal Cystic Diseases** Ronald Perrone

**Add Efficiency to Your Studying: Change the Way You Approach the Boards** Laura Maursetter



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## Sunday, July 18 | 10:00 a.m. – 6:30 p.m. EDT

- 10:00 a.m. **Day's Introduction** Roger Rodby
- 10:15 a.m. **Pathology of Glomerulonephritides** Glen Markowitz
- 11:15 a.m. **Idiopathic and Primary Glomerulonephritides** Laura Mariani
- 12:05 p.m. Break
- 12:20 p.m. **Glomerulonephritides: Live Case Discussions #1** Ronald Falk, Nelson Leung, Laura Mariani, Glen Markowitz, Patrick Nachman
- 1:50 p.m. Break
- 2:35 p.m. **Dysproteinemias, Amyloid, Fibrillary Glomerulonephritis, and Thrombotic Angiopathies** Nelson Leung
- 3:35 p.m. **Secondary Glomerulonephritides and Vasculitis** Ronald Falk
- 4:30 p.m. **Glomerulonephritides: Live Case Discussions #2** Ronald Falk, Nelson Leung, Laura Mariani, Glen Markowitz, Patrick Nachman
- 6:00 p.m. **Optional Breakouts** Self-Directed Study Groups\*\*\*
- 6:30 p.m. Adjourn

## On-Demand Presentations | available July 12

- Diabetic Nephropathy** William Whittier
- Viral Nephritides, Including HIV, CMV, and Hepatitis** Nelson Leung
- Pathogenesis and Mechanisms of Glomerular Injury** Patrick Nachman
- IgA Nephrology and Cases** Patrick Nachman
- Cases: Diabetic Kidney Disease** Roger Rodby



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## Monday, July 19 | 10:00 a.m. – 6:30 p.m. EDT

- 10:00 a.m. **Day's Introduction** Roger Rodby
- 10:15 a.m. **Question Block #3** Self-Directed Case Breakouts\*\*\*
- 10:45 a.m. **Potassium: Hypokalemic and Hyperkalemic Disorders** Biff Palmer
- 11:45 a.m. **Increased Anion Gap Metabolic Acidosis** Biff Palmer
- 12:30 p.m. Break
- 12:45 p.m. **Metabolic Alkalosis** Susie Hu
- 1:20 p.m. Break
- 2:20 p.m. **Question Block #4** Self-Directed Case Breakouts\*\*\*
- 2:50 p.m. **Cases: Acid Base** Biff Palmer, Roger Rodby
- 3:50 p.m. **Genetic Renal Disease** Barry Freedman
- 4:40 p.m. **Cases: Genetics and Pregnancy** Barry Freedman, Belinda Jim
- 5:25 p.m. **Challenging Cases: Nephrolithiasis** David Goldfarb
- 6:00 p.m. **Optional Breakouts** Self-Directed Study Groups\*\*\*
- 6:30 p.m. Adjourn

## On-Demand Presentations | available July 12

- Acid-Base Disorders: Key Core Concepts** Kalani Raphael
- Normal Kidney Potassium Handling** Biff Palmer
- Non-Anion Gap Acidosis** Susie Hu
- Poisonings and Intoxications** David Goldfarb
- Pregnancy and Kidney Diseases** Belinda Jim
- Nephrolithiasis: Pathogenesis, Diagnosis, and Medical Management** David Goldfarb



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## Tuesday, July 20 | 10:00 a.m. – 6:05 p.m. EDT

- 10:00 a.m. **Day's Introduction** Laura Maursetter
- 10:15 a.m. **Question Block #5** Self-Directed Case Breakouts\*\*\*
- 10:45 a.m. **Cases: CKD** Christopher Chan
- 11:20 a.m. Break
- 11:35 a.m. **Common Medical Problems in Patients with ESKD** Mark Unruh
- 12:25 p.m. Break
- 1:25 p.m. **Question Block #6** Self-Directed Case Breakouts\*\*\*
- 1:55 p.m. **Dialysis: Prescription and Adequacy for HD and PD** Suzanne Watnick
- 2:40 p.m. **Peritoneal Dialysis: Infectious and Noninfectious Complications** Suzanne Watnick
- 3:35 p.m. **Hemodialysis: Selected Complications** Mark Unruh
- 4:15 p.m. **Board Cases** Roger Rodby, Laura Maursetter
- 5:05 p.m. **Office Hours** Christopher Chan, Mark Unruh, Suzanne Watnick
- 5:35 p.m. **Optional Breakouts** Self-Directed Study Groups\*\*\*
- 6:05 p.m. Adjourn

## On-Demand Presentations | available July 12

**How Dialysis Works: Physics/Physiology of Dialysis – The Basics, Similarities, and Differences Between PD and HD** Sana Waheed

**Anemia and Metabolic Acidosis in CKD and ESKD** Susan Hedayati

**Principles of Drug Prescribing in Acute and Chronic Kidney Diseases** William Bennett

**Cases: ESKD** Christopher Chan

**ESKD Vascular Access and Related Infections** Monnie Wasse

**Dialysis: Cardiovascular and BP Issues** Susan Hedayati

**Peritoneal Dialysis: Physiology and Clinical Approach to BP and Volume Control** Suzanne Watnick



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## Wednesday, July 21 | 10:00 a.m. – 6:15 p.m. EDT

- 10:00 a.m. **Day's Introduction** Laura Maursetter
- 10:15 a.m. **Question Block #7** Self-Directed Case Breakouts\*\*\*
- 10:45 a.m. **Secondary Hypertension: Clinical Syndromes, Diagnostic Workup, and Management**  
George Bakris
- 11:40 a.m. **Renal Artery Stenosis, Renovascular Hypertension, and Ischemic Nephropathy**  
Stephen Textor
- 12:20 p.m. Break
- 12:35 p.m. **Cases: Hypertension** George Bakris, Tara Chang, Stephen Textor
- 1:15 p.m. Break
- 2:15 p.m. **Question Block #8** Self-Directed Case Breakouts\*\*\*
- 2:45 p.m. **AKI: Prevention and Non-Dialytic Therapy** Jay Koyner
- 3:55 p.m. **Acute Renal Replacement Therapies** Ashita Tolwani
- 5:05 p.m. **Cases: AKI and ICU Nephrology** Jay Koyner, Ashita Tolwani
- 6:15 p.m. Adjourn

## On-Demand Presentations | available July 12

- Drug-Induced Hypertension** Tara Chang
- Pathophysiology and Treatment: Essential Hypertension** Stephen Textor
- Hypertensive Urgencies and Emergencies: Clinical Presentations and Therapy** Tara Chang
- AKI: Pathogenesis, Diagnosis, Biomarkers, and Risk Assessment** Jay Koyner



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## Thursday, July 22 | 10:00 a.m. – 5:25 p.m. EDT

- 10:00 a.m. **Day's Introduction** Laura Maursetter
- 10:15 a.m. **Transplant Biopsy: Indications and Findings** Jean Hou
- 10:45 a.m. **Question Block #9** Self-Directed Case Breakouts\*\*\*
- 11:15 a.m. **Transplant Immunology** Michelle Josephson
- 12:15 p.m. Break
- 12:30 p.m. **Post-Transplant Infectious Complications** Michael Ison
- 1:20 p.m. Break
- 2:20 p.m. **Question Block #10**  
Self-Directed Case Breakouts\*\*\*
- 2:50 p.m. **Post-Transplant Noninfectious Complications** Michelle Josephson
- 3:50 p.m. **Cases: Metabolic Bone Disease** Tamara Isakova, Myles Wolf
- 4:35 p.m. **Board Cases** Laura Maursetter
- 5:10 p.m. **BRCU Closing** Roger Rodby, Laura Maursetter
- 5:25 p.m. Adjourn

## On-Demand Presentations | available July 12

- Magnesium: Normal Physiology, Hypomagnesemia, and Hypermagnesemia** Laura Maursetter
- Calcium/Phosphorus/PTH, Vitamin D, and FGF-23: Pathophysiology of Metabolic Bone Disease**  
Myles Wolf
- Treatment of CKD-MBD** Tamara Isakova
- Transplant Evaluation** Michelle Josephson
- Cases: Transplantation** William Bennett, Michelle Josephson