## Critical Care Board Review 2024 Agenda
### August 22–24, 2024 | CHEST Headquarters & Virtual

*Please note: All times are in Central Time (CT).*

### THURSDAY, AUGUST 22, 2024

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am – 7:15 am</td>
<td><strong>Welcome and Introduction</strong></td>
<td>Bhakti Patel, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Meredith E. Pugh, MD</td>
</tr>
<tr>
<td>7:15 am – 8:00 am</td>
<td><strong>Acute Kidney Injury and Acid-Base Disorders</strong></td>
<td>Todd W. Rice, MD, FCCP</td>
</tr>
<tr>
<td>8:00 am – 8:45 am</td>
<td><strong>Extrapulmonary Infections</strong></td>
<td>Eddie Qian, MD, MSACI</td>
</tr>
<tr>
<td>8:45 am – 9:30 am</td>
<td><strong>Care of the Immunocompromised Patient</strong></td>
<td>Eddie Qian, MD, MSACI</td>
</tr>
<tr>
<td>9:30 am – 10:15 am</td>
<td><strong>Pneumonia</strong></td>
<td>Karen Jackson, MD</td>
</tr>
<tr>
<td>10:15 am – 10:30 am</td>
<td><strong>Break</strong></td>
<td></td>
</tr>
<tr>
<td>10:30 am – 11:15 am</td>
<td><strong>Care of the Critically Ill Patient With Obstructive Lung Disease</strong></td>
<td>Karen Jackson, MD</td>
</tr>
<tr>
<td>11:15 am – 12:00 pm</td>
<td><strong>Seizures, Strokes, and Intracranial Bleeding</strong></td>
<td>David R. Janz, MD, MSc</td>
</tr>
<tr>
<td>12:00 pm – 12:40 pm</td>
<td><strong>Lunch</strong></td>
<td></td>
</tr>
<tr>
<td>12:40 pm – 12:45 pm</td>
<td><strong>Welcome Back and Review</strong></td>
<td>Meredith E. Pugh, MD</td>
</tr>
<tr>
<td>12:45 pm – 1:30 pm</td>
<td><strong>Neuromuscular Disease, Traumatic Brain Injury, Intracranial Hypertension, and Brain Death</strong></td>
<td>David R. Janz, MD, MSc</td>
</tr>
<tr>
<td>1:30 pm – 2:15 pm</td>
<td><strong>Poisonings and Overdose</strong></td>
<td>Lucas Kimmig, MD</td>
</tr>
<tr>
<td>2:15 pm – 3:00 pm</td>
<td><strong>Hypothermia/Hyperthermia and Rhabdomyolysis</strong></td>
<td>Lucas Kimmig, MD</td>
</tr>
<tr>
<td>3:00 pm – 3:15 pm</td>
<td><strong>Break</strong></td>
<td></td>
</tr>
<tr>
<td>3:15 pm – 4:00 pm</td>
<td><strong>Tachyarrhythmia and Advanced Cardiac Life Support</strong></td>
<td>Frank Zimmerman, MD</td>
</tr>
<tr>
<td>4:00 pm – 4:45 pm</td>
<td><strong>Bradyarrhythmias and Pacing</strong></td>
<td>Frank Zimmerman, MD</td>
</tr>
<tr>
<td>4:45 pm – 4:55 pm</td>
<td><strong>Break</strong></td>
<td></td>
</tr>
<tr>
<td>4:55 pm – 6:25 pm</td>
<td><strong>In-Person Rapid-Fire Breakouts (each topic 30 minutes)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Virtual learners will have access to online modules with similar content.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Acid-Base (Rice/Patel)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Infections (Qian/Jackson)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>EKGs (Zimmerman/Ali)</strong></td>
<td></td>
</tr>
</tbody>
</table>
FRIDAY, AUGUST 23, 2024

6:55 am – 7:00 am  Welcome and Introduction  
Bhakti Patel, MD  
Meredith E. Pugh, MD, MSCI

7:00 am – 7:45 am  Electrolyte Disorders  
Jason T. Poston, MD

7:45 am – 8:30 am  Acute Respiratory Distress Syndrome  
Jason T. Poston, MD

8:30 am – 9:15 am  Acute Coronary Syndromes  
Murtuza J. Ali, MD

9:15 am – 10:00 am  Congestive Heart Failure and Mechanical Support  
Murtuza J. Ali, MD

10:00 am – 10:15 am  Break

10:15 am – 11:00 am  Extracorporeal Membrane Oxygenation  
Matthew Prekker, MD

11:00 am – 11:45 am  Managing Hemorrhage, Transfusions, Coagulopathies  
Matthew Prekker, MD

11:45 am – 12:25 pm  Lunch

Optional session 12:00 pm – 12:20 pm  
Hemodynamic Waveform Review  
Meredith E. Pugh, MD

12:30 pm – 1:15 pm  Endocrine Emergencies  
Jayna Gardner-Gray, MD

1:15 pm – 2:00 pm  Hypertensive Emergencies  
Jayna Gardner-Gray, MD

2:00 pm – 2:15 pm  Break

2:15 pm – 3:00 pm  GI Bleeding, Pancreatitis, and Clostridium Difficile  
Amita Krishnan, MD

3:00 pm – 3:45 pm  Trauma and Perioperative Care  
Amita Krishnan, MD

3:45 pm – 4:30 pm  Shock  
Bhakti Patel, MD

4:30 pm – 4:45 pm  Break

4:45 pm – 5:05 pm  Hemodynamic Monitoring  
Meredith E. Pugh, MD

5:10 pm – 6:40 pm  In-Person Rapid-Fire Breakouts  
(each topic 30 minutes)

Virtual learners will have access to online modules with similar content.
Electrolyte disorders and GI (Poston/Krishnan)  
Hemodynamic monitoring/shock (Patel/Pugh)  
Potpourri (Prekker/Gardner-Gray)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 6:55 am – 7:00 am | Welcome  
Bhakti Patel, MD  
Meredith E. Pugh, MD |
| 7:00 am – 7:45 am | Sedation, Delirium, and Liberation From the Ventilator  
Bhakti Patel, MD |
| 7:45 am – 8:30 am | Acute and Chronic Liver Failure  
Amy E. Morris, MD, FCCP |
| 8:30 am – 9:15 am | Point-of-Care Ultrasound  
Amy E. Morris, MD, FCCP |
| 9:15 am – 10:00 am | Pulmonary Embolism, PH, and Right Heart Failure  
Meredith E. Pugh, MD, MSCI |
| 10:00 am – 10:15 am | Break |
| 10:15 am – 11:00 am | Heme-Onc Emergencies  
Alexander S. Niven, MD, FCCP |
| 11:00 am – 11:45 am | Airway Management and Bronchoscopy  
Alexander S. Niven, MD, FCCP |
| 11:45 am – 12:25 pm | Lunch |
| 12:25 pm – 1:10 pm | Mechanical Ventilation Review: Modes and Strategies  
Gustavo A. Cortes Puentes, MD |
| 1:10 pm – 1:55 pm | Ventilator Dyssynchrony and Troubleshooting  
Gustavo A. Cortes Puentes, MD |
| 1:55 pm – 2:10 pm | Break |
| 2:10 pm – 2:45 pm | Mechanical Ventilation Rapid-Fire Questions  
Gustavo A. Cortes Puentes, MD  
Alexander S. Niven, MD, FCCP |
| 2:45 pm – 3:20 pm | Potpourri Rapid-Fire Questions  
Bhakti Patel, MD  
Meredith E. Pugh, MD |
| 3:20 pm – 3:30 pm | Wrap-Up and Adjourn  
Bhakti Patel, MD  
Meredith E. Pugh, MD |

Prerecorded lectures (available online before/after live course)
- Nutrition – Todd W. Rice, MD, FCCP
- Intra-abdominal Emergencies – Meredith E. Pugh, MD
- Statistics for the Boards – Amita Krishnan, MD