

### **Part I: Basic Ultrasound Procedures Section**

1. Ultrasound Physics and Ultrasound Machine Functionality

Brooke Albright-Trainer

2. Lung Ultrasound to Detect Pneumothorax or Mainstem Intubation

J. Devin Roberts and Anna Clebone

3. Gastric Ultrasound and Assessment of Gastric Contents in Incompletely Fasted Patients

Anna Clebone

### **Part II: Ultrasound Guided Vascular Access**

4. Ultrasound Guided Peripheral Intravenous Line Placement Using the Incremental Advancement Method

Anna Clebone

5. Arterial Line Placement

Hubert Benzon and Michael King

6. Central Venous Catheter Placement Using the Seldinger Technique

Kirk Lalwani and Phillip Yun

### **Part III: Ultrasound Guided Pediatric Regional Anesthesia**

7. Special Considerations of Regional Anesthesia in Pediatric Patients

Anna Clebone

8. Ilioinguinal / Iliohypogastric Nerve Block

Ann Lawrence

9. Transversus Abdominus Plane and Rectus Sheath Blocks

Natalea Johnson and Jorge Pineda

### **Part IV: Radiology**

10. Pediatric Airway and Mediastinum Radiology

Joshua H. Finkle

11. Pediatric Pulmonary Radiology

Joshua H. Finkle

12. Pediatric Gastrointestinal (GI) Radiology

Syed Ali Raza and Anna Clebone

13. Pediatric Genitourinary (GU) Radiology

Mohammed Moshin Khadir

14. Pediatric Musculoskeletal Radiology

Nicholas Florence

15. Pediatric Neurologic Radiology

Christopher Johnson