

# Anesthesia Critical Care Fellowship GUIDELINES

## *1. American Society of Anesthesiologists*

- [Practice advisory for preanesthesia evaluation](#)
- [Practice advisory for intraoperative awareness and brain function monitoring](#)
- [Practice advisory for perioperative visual loss associated with spine surgery](#)
- [Practice advisory for the perioperative management of patients pacemakers and implantable cardioverter-defibrillators](#)
- [Practice guidelines for acute pain management in the perioperative setting](#)
- [Practice guidelines for management of the difficult airway](#)
- [Practice guidelines for postanesthetic care](#)
- [Practice guidelines for pulmonary artery catheterization](#)
- [Practice guidelines for sedation and analgesia by non-anesthesiologists](#)
- [Practice guidelines for the perioperative management of patients with obstructive sleep apnea](#)

## *2. Difficult Airway Society*

- [Difficult Airway Society guidelines for management of the unanticipated difficult intubation.](#)

## *3. Society of Critical Care Medicine*

- [Acute respiratory failure](#)
- [Sedation](#)
- [Paralysis](#)
- [Weaning](#)
- [Line infection](#)
- [Prevention of line infection](#)
- [Evaluation of new fever](#)
- [Surviving sepsis campaign](#)
- [Hemodynamic support in sepsis](#)
- [Transportation](#)
- [Admitting and discharging](#)
- [End of life](#)
- [Organ donation](#)
- [Restraining patients](#)
- [Training and education](#)

## *4. American Society of Critical Care Anesthesiologists*

- [Guidelines for the prevention of intravascular catheter-related infections](#)

## **5. American College of Critical Care Medicine (Same as SCCM guidelines)**

- Neuromuscular blockade
- Sedation
- Weaning and discontinuation of ventilatory support.
- Guideline for the management of intravascular catheter-related infections

## **6. American Thoracic Society**

- [Dyspnea: Mechanisms, Assessment, and Management](#)
- [Hospital-acquired, Ventilator-associated, and Healthcare-associated Pneumonia](#)
- [Guidelines for the Management of Adults with Community-acquired Pneumonia](#)
- [Hospital-acquired Pneumonia in Adults: Diagnosis, Assessment of Severity, Initial Antimicrobial Therapy, and Preventative Strategies](#)
- [Idiopathic Pulmonary Fibrosis: Diagnosis and Treatment](#)
- [International Multidisciplinary Consensus Classification of Idiopathic Interstitial Pneumonias](#)
- [Acute Lung Injury](#)
- [The American-European Consensus Conference on ARDS](#)
- [Recommendations for Standardized Procedures for the Online and Offline Measurement of Exhaled Lower Respiratory Nitric Oxide and Nasal Nitric Oxide](#)
- [Evidence-based Colloid Use in the Critically Ill: American Thoracic Society Consensus Statement](#)
- [Understanding Costs and Cost-Effectiveness in Critical Care](#)
- [Statement on Respiratory Muscle Testing](#)
- [Outcomes Research in Critical Care](#)
- [The Diagnostic Approach to Acute Venous Thromboembolism](#)
- [Fair Allocation of Intensive Care Unit Resources](#)
- [Standards for the Diagnosis and Care of Patients with Chronic Obstructive Pulmonary Disease](#)
- [Clinical Role of Bronchoalveolar Lavage in Adults with Pulmonary Disease](#)
- [Respiratory Care of the Patient with Duchenne Muscular Dystrophy](#)

## **7. American Association for Respiratory Care**

- [ABG](#)
- [Capnometry](#)
- [Guidelines for weaning and discontinuation of ventilatory support](#)
- [In-hospital transport of the mechanically ventilated patient](#)
- [Intermittent positive pressure breathing](#)
- [Metabolic measurement using indirect calorimetry during mechanical ventilation](#)
- [Nasotracheal suctioning](#)
- [Oxygen therapy for adults in the acute care facility](#)
- [Static lung volumes](#)

## **8. *American College of Cardiology Foundation***

- [Perioperative cardiovascular evaluation for non cardiac surgery](#)
- [Management of patients with chronic stable angina](#)
- [Management of patients with unstable angina and non-ST-segment elevation myocardial infarction](#)
- [Diagnosis and management of chronic heart failure](#)
- [Management of patients with valvular heart disease](#)
- [Management of patients with ST-elevation myocardial infarction](#)
- [Clinical application of echocardiography](#)
- [Management of patients with atrial fibrillation](#)
- [Management of patients with supraventricular arrhythmias](#)
- [Secondary prevention for patients with coronary and other atherosclerotic vascular disease](#)

## **9. *American Heart Association***

- [Acute coronary syndromes](#)
- [Adult basic life support](#)
- [Advanced life support](#)
- [Defibrillation](#)
- [Guide to anticoagulant therapy](#)
- [Stroke](#)
- [Recommendations for perfusion imaging in cerebral ischemia.](#)
- [Practice standards for electrocardiographic monitoring in hospital settings](#)

## **10. *American College of Chest Physicians***

- [Prevention and management of postoperative atrial fibrillation after cardiac surgery.](#)
- [Antithrombotic therapy for coronary artery disease](#)
- [Antithrombotic and thrombolytic therapy for ischemic stroke](#)
- [Prevention of venous thromboembolism](#)
- [Antithrombotic therapy for venous thromboembolic disease](#)
- [Antithrombotic therapy in atrial fibrillation](#)
- [Antithrombotic therapy in patients with saphenous vein and internal mammary artery bypass grafts](#)
- [Antithrombotic therapy in peripheral arterial occlusive disease](#)
- [Antithrombotic therapy in valvular heart disease -- native and prosthetic](#)
- [Heparin-induced thrombocytopenia: recognition, treatment, and prevention](#)
- [Evidence base for management of acute exacerbations of chronic obstructive pulmonary disease.](#)
- [Evidence-based assessment of diagnostic tests for ventilator-associated pneumonia.](#)
- [Evidence-based guidelines for weaning and discontinuation of ventilatory support.](#)
- [Guidelines for the prevention of intravascular catheter-related infections.](#)
- [Medical and surgical treatment of parapneumonic effusions](#)
- [Medical therapy for pulmonary arterial hypertension](#)
- [Non pharmacologic airway clearance therapies](#)
- [The pharmacology and management of the vitamin K antagonists](#)
- [Thrombolytic and adjunctive therapy in acute myocardial infarction](#)
- [Use of antithrombotic agents during pregnancy](#)

### ***11. Heart Failure Society of America, Inc.***

- [Evaluation of patients for ventricular dysfunction and heart failure](#)
- [Evaluation and management of patients with acute decompensated heart failure](#)
- [Evaluation and management of patients with heart failure and preserved left ventricular ejection fraction](#)
- [Evaluation and therapy for heart failure in the setting of ischemic heart disease](#)
- [Heart failure in patients with left ventricular systolic dysfunction](#)
- [Management of heart failure in special populations](#)
- [Managing patients with hypertension and heart failure](#)
- [Myocarditis: current treatment](#)

### ***12. Infectious Diseases Society of America***

- Guideline for the management of intravascular catheter-related infections. (Same as SCCM)
- [Guidelines for the selection of anti-infective agents for complicated intra-abdominal infections.](#)
- [Guidelines for treatment of candidiasis.](#)
- [Practice guidelines for the management of bacterial meningitis.](#)
- [Practice guidelines for the management of infectious diarrhea.](#)
- [Practice guidelines for the management of community acquired pneumonia.](#)
- [Practice guidelines for the management Skin and Soft Tissue Infections](#)

### ***13. American Academy of Neurology***

- [Prevention of post-lumbar puncture headaches](#)

### ***14. American Association of Neurological Surgeons***

- [Management of severe traumatic brain injury](#)

### ***15. American Association for the Study of Liver Diseases***

- [Management of acute liver failure.](#)

### ***16. American Association of Clinical Endocrinologists***

- [Management of diabetes mellitus](#)

### ***17. American Psychiatric Association***

- [Treatment of patients with delirium.](#)
- [Patients with substance use disorders.](#)

### ***18. American Society of Addiction Medicine***

- [Pharmacologic management of alcohol withdrawal](#)

## ***19. American Society of Interventional Pain Physicians***

- [Interventional techniques in the management of chronic spinal pain](#)
- [Opiates in the management of chronic non-cancer pain.](#)

## ***20. American Society of Nephrology***

- [Clinical practice guideline on shared decision-making in the appropriate initiation of and withdrawal from dialysis.](#)

## ***21. Brain Trauma Foundation***

- [Management and prognosis of severe traumatic brain injury](#)
- [Surgical management of traumatic brain injury](#)
- [Surgical management of acute epidural hematomas.](#)
- [Surgical management of acute subdural hematomas.](#)

## ***22. Centers for Disease Control and Prevention***

*(Please check CDC website)*

- Prevention and control of meningococcal disease
- Guideline for hand hygiene in health-care settings
- Guidelines for environmental infection control in health-care facilities.
- Guidelines for preventing health-care--associated pneumonia
- Guidelines for preventing the transmission of Mycobacterium tuberculosis
- Guidelines for the prevention of intravascular catheter-related infections.
- Outbreaks of Avian Influenza A (H5N1) in Asia and interim recommendations for evaluation and reporting of suspected cases-United States

## ***23. Department of Defense/ Department of Veterans Affairs***

- [Clinical practice guideline for the management of postoperative pain.](#)
- [The pharmacologic management of chronic obstructive pulmonary disease.](#)
- VA/DoD clinical practice guideline for management of ischemic heart disease.  
[http://www.oqp.med.va.gov/cpg/IHD/IHD\\_GOL.htm](http://www.oqp.med.va.gov/cpg/IHD/IHD_GOL.htm)
- [VA/DoD clinical practice guideline for the management of opiate therapy for chronic pain.](#)