

This Exam Outline was developed to help you prepare for the knowledge exam.

This Exam Outline is not meant to cover all aspects of the knowledge exam, but to guide your preparation for questions that may occur in the knowledge exam.

Review:

- Hypothermia recognition, management, and medications
 - Use of forced air warming devices
- Common medications used, indications, contraindications, side effects, toxicity
- Local anesthesia medications, antidotes
- Pain management including age appropriate scales
- Stages of surgical anesthesia
- Pulmonary artery catheter indications, contraindications, complications, management
- Post-extubation laryngospasm recognition, treatment, risks, management
- Extubation indications and contraindications
- Age appropriate PACU management
 - Nausea and vomiting
 - Hypovolemia
 - Hyperthermia
 - Cardiac dysrhythmias including blocks and lethal rhythms
 - Hemidiaphragm
 - Post extracorporeal shock wave lithotripsy (ESWL)
- ASPAN standards and recommendations
- Definitions
 - Central venous pressure
 - Carbon monoxide poisoning
 - Leukocytosis
 - Methemoglobinemia
 - Thrombocytopenia
 - Epidural blood patch
- Principles of perianesthesia care
- Phases of post-anesthesia environments
- Malignant hyperthermia recognition, treatment, management
- Evidence-based practice implementation steps
- Pulmonary anatomy and physiology
- Gas exchange
- Cardiac murmurs and rubs
- ACLS, PALS, NRP
- Hemodynamic line management