

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:

- Risk factors for, identification, treatment, management, complications, patient education
 - Diabetes/Diabetic ketoacidosis
 - Disseminated intravascular coagulation (DIC)
 - Pulmonary emboli
 - Pulmonary transluminal coronary angioplasty (PTCA)
 - Sepsis stages
 - Renal disease: acute and chronic renal failure
 - Renal calculi
 - Cardiac dysrhythmias including blocks and fatal dysrhythmias
 - Seizures
 - Shock
 - Coronary artery disease
 - Gastrointestinal bleeding
- Ethical dilemmas: moral distress, beneficence, fidelity, justice, nonmaleficence
- Oximetry: techniques, complications, indications, and contraindications
- Cardiac anatomy and physiology, conduction pathways, cardiac output
- Gastric tubes: techniques, complications, indications, and contraindications
- ABCDE, PQRST, FAST acronyms
- ABG interpretation
- End of life care and advanced directives
- Clinically significant blockage definition
- Pulmonary artery catheter insertion, management, waveforms, and discontinuation
- Common lab results: indication, contraindication,
- Chest tube insertion, management, discontinuation
- Patient education requisites
- Electrolyte imbalances
- Hemodynamic lines, pressures and wave forms