

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
 - Cardiac tamponade, malignant pericardial effusion
 - Metastatic prostate cancer
 - Cancer pain
 - Bone marrow transplantation
 - Lung cancer
 - Mucositis
 - Empyema
 - Acute Lymphocytic leukemia
 - Burkitt lymphoma
 - Tumor lysis syndrome
 - Breast cancer
 - Colorectal cancer
- Common oncology medications: Administration, indication, contraindications, complications, patient education
- Common medications: opioids, antibiotics (pre and post op)
- Definition:
 - Malignant versus benign disease
 - Bereavement
 - Cancer pathophysiology
 - Cancer staging
 - Neoadjuvant radiation
- Vascular access devices: indication, contraindication, use, trouble shooting
- Common therapeutic scans indications, contraindication, use
- Common sites for metastasis
- Clinical trial phases
- Radiographic interpretation
- End of life care: hospice versus palliative care
- Sepsis stages: identification, management

- 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



Oncology Exam Outline

- 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