

## NEOMED MMScA Program

### Clinical Keywords

#### Preop/PACU Rotation

- **ASA Status**
- **Physical Exam:**
  - Heart and lung sounds
  - Predictors of difficult intubation and mask ventilation
  - Mallampati classification
  - Ideal body weight and BMI
  - OSA
  - Apnea hypopnea index (AHI) scoring
  - STOP-BANG scoring
- **Preoperative Tests and Labs:**
  - ECG testing guidelines
  - TEE
  - stress test
  - Carotid doppler
  - Holter monitor
  - Cardiac catheterization results
  - METS
  - BMP/chem 7
  - BNP
- **Coagulation Lab Values and Management:**
  - Intrinsic and extrinsic coagulation pathways
  - Activated clotting time (ACT)
  - International normalized ratio (INR)
  - Prothrombin time (PT)
  - Partial thromboplastin time (PTT)
  - Thromboelastogram (TEG)
  - Viscoelastic tests (VET)
  - D-dimer
  - Fibrinogen
  - Platelets
- **Preoperative Medications:**
  - Indications
  - Drug interactions
  - Adverse reactions
  - Doses
  - Routes of administration
  - Continuation vs. discontinuation of current medications
  - Prophylactic risk reduction
  - Stress dose steroids
- **Antibiotics:**

- Indications and contraindications
- Mechanisms of action
- Adverse effects
- **Anesthetic implications for the following chemotherapy agents:**
  - Bleomycin
  - Doxorubicin
  - Following platinum-based agents: cisplatin and carboplatin
- **Anesthetic implications for herbal medications:**
  - Ginkgo
  - Garlic
  - Ginseng
  - St. John's wort
  - Saw palmetto
  - Soy
  - Ephedra
  - Kava
- **Miscellaneous drugs:**
  - Antidepressants
  - Butyrophenones
  - Anti-Parkinson drugs
  - Anticonvulsants
  - Antiemetics
  - Physostigmine
- **Pharmacology, Respiratory Therapy, and Pulmonary Function Tests (PFTs)**
- **Patient allergies, latex allergy (risk factors, detection, management, prophylaxis)**
- **NPO guidelines**
- **Legal/Malpractice:**
  - Informed consent
  - Living will
  - POA
  - DNAR
  - Jehovah's Witnesses
  - Risk management
  - Sentinel events
  - ASA closed claims project
- **Aldrete scoring, PACU phase I, phase II, contraindications**
- **Complications in PACU**
- **Toxicology, drug and alcohol abuse, delirium tremens, marijuana use**
- **Glucose control:**
  - Oral hypoglycemics
  - Insulin
  - Dextrose
- **Postoperative pain management**

- **PONV:**
  - Physiology
  - Causes
  - Risk factors
  - Prevention
  - Pharmacology
- **Detection and management of post extubation hypoxia (atelectasis, bronchospasm, laryngospasm, residual paralysis, pulmonary edema):**
  - biPAP
  - Chest X-ray
  - Breathing treatments
- **Emergence Delirium**
- **ERAS protocols**