

**ATI CAPSTONE MEDICAL SURGICAL ASSESSMENT 1 & 2  
ALL 150 QUESTIONS AND CORRECT WELL ELABORATED  
ANSWERS WITH RATIONALES/ ATI MED SURG  
CAPSTONE ASSESSMENT 1 & 2 REAL LATEST EXAMS  
2024/2025 (BRAND NEW!!)**

Allopurinol - answer-- inhibits Uric acid production

- Is for gout
- Causes: Kidney Injury, Gout attacks, Hepatitis
- Eat with meals to decrease gastric stress
- AVOID: High Purine ( RED MEAT )
- Well diluted admin over 30-60min

Famotidine ( pepcid ) , Ranitidine, Cimetidine, Nizatidine - answer-- Suppress Secretion of Gastric Acid

- Cimetidine: Decreased Libido, Cns Effects: lethargy and confusions
- Increase Fiber and water
- Notify of coffee ground emesis

Methotrexate - answer-- IS for cancer

- Causes: Renal damage, Gastric Ulcers

- Drink 2-3 Liters a day
- take on EMPTY stomach
- Protect from SUNLIGHT
- Use birth control for 6mon after

Molekukast - answer-For long term asthma and Exercise induced spasm

- causes: Depression and Suicide
- Take 2 hours before Exercise

Ipratropium - answer-Is for long term COPD, asthma

- Causes: dry mouth and hoarseness
- Rinse mouth after for the taste
- Wait 5 min between administration

Salmeterol, Albuterol, Terbutaline - answer-Stimulates beta 2>beta 1. Bronchodilator.

- Causes: tachy cardia and Tachy pena
- Report pulse greater than 20/min - 30/min
- inhale before steroids

Fentanyl, Codeine, Oxycodone, Hydromorphone, Methadone - answer-- Causes resp. Depression and constipation orthostatic hypotension, Urinary retention

- Stop infusion if RR go below 12
- \_ admin over 4-5min
- Take Fentanyl patch off at night time
  - Naloxone is the antidote
  - Increase fiber and water

Nalbuphine, Buphrine, Pentazocine - answer-Used for moderate to severe pain

- abstinence syndrome: ( hypertention, fever, anxiety,vomiting)

- Sedation or Resp. depression

\_ Naloxone is antidote

Prednisone, Beclomethasone, hydrocortisone, Fluticasone - answer-- Used for Status Asthmaticus

Complications: suppression of adrenal glands, bone loss, and hyperglycemia

Increase weight gain

Nifedipine veramil Diltiazem - answer-Nifedipine: Used for hypertension and angina

Vermamil and Diltiazem: Cardiac dysrhythmias, angina hypertension

Complications Nifedipine: Reflex tachycardia ; Monitor for increase heart rate and orthostatic hypotension

Verapamil: Orthostatic hypotension and edema

Lithium - answer-Used to treat bipolar disorder

and acute mania

- GI distress- ( nausea , diarrhea

- Fine hand tremors , polyuria

Monitor for 5 days after therapy then every 1 to 3 months

Low lithium toxicity - answer-Early: below 1.5

Diarrhea, nausea, vomiting

Advanced lithium toxicity - answer-1.5-2

ongoing abdominal nausea and vomiting

Severe Lithium Toxicity - answer-2.0-2.5

-Extreme polyuria

- Tinnitus

- Blurred Vision

- Severe Hypotension

valproic acid and carbamazepine - answer-- Treatment of relapse of mania and depressive episodes

Carbamazine: CNS Effect, skin disorders, Hepatotoxicity

Valproic Acid: GI effects Hepatotoxicity pancreatitis thrombocytopenia weight gain

Grapefruit Juice

Captopril (-pril) - answer-Used for Hypertension, Heart failure, Myocardial Infarction

Complicaiton: First dose; orthostatic hypotension, Cough, Hyperkalemia , Neutropenia

Angioedema: swelling of tongue and pharynx

Losartan "sartans" - answer-Used for Hypertension Heart Failure Stroke Prevention

Complications: Angioedema and orthostatic hypotension

monitor weight and edema

Leuoride - answer-- used for when the testes stop producing testosterone

Complications: Hot flashes decreased Libido Gynecomastia Decreased bone density Dysrhythmias pulmonary edema

- Increase calcium and vitamin D

Vasopressin and Desmopressin - answer-Used in the treatment of diabetes insipidus.

Complications: Reabsorption of too much water, myocardial ischemia

Levothyroxine - answer-Used for hypothyroidism

- Overmedication ( anxiety, tachycardia, palpitations)

- Chronic Overtreatment ( afib)

increased TSH

Sumatriptan - answer-Migraine Meds