

Adverse Effects/Contraindications/Side Effects/Interactions

- Airflow Disorders: contraindications for a client who is taking albuterol for asthma ch 17
 - o Pregnancy risk
 - o Patients who have tachydysrhythmia
 - o Use cautiously in patients who have diabetes mellitus, hyperthyroidism, heart disease, hypertension, and angina
- Antibiotics Affecting the Bacterial Cell Wall: recognizing manifestations of an allergic reaction ch 44
 - o Urticaria
 - o Hypotension
 - o Dyspnea
- Cardiac Glycosides and Heart Failure: adverse effect of hydrochlorothiazide ch 21
 - o Hypokalemia
 - o Hypochloremia
 - o Hyperglycemia
- Chronic Neurologic Disorders: adverse effects of cholinesterase inhibitors ch 13
 - o Increased GI motility
 - o Increased GI secretions
 - o Urinary urgency
- Miscellaneous Pain Medications: adverse effects of ergotamine ch 38
 - o Bone marrow suppression
 - o MI
 - o Stroke
- Non-Opioid Analgesics: identifying contraindications ch 35
 - o PUD (H pylori infection)
 - o Bleeding disorders
 - o Hypersensitivity

Dosage Calculation

- Dosage Calculation: preparing enoxaparin ch 3
 - o Rotate sites of administration
 - o Pinch up an are of skin
 - o Do not rub the site for 1-2 min after

Expected Actions/Outcomes

- Endocrine Disorders: identifying need for dosage adjustment of methimazole ch 40
 - o Evidence of effectiveness
 - o Weight gain
 - o Decreased T4 levels

Medication Administration

- Adverse Effects, Interactions, and Contraindications: using an epinephrine auto-injector ch 5
 - o Can result from CNS stimulation or CNS depression
 - o Anticholinergic effects
 - o Can have effects on CV system - postural hypotension
- Bipolar Disorders: intervention for a lithium level ch 9
 - o Monitor I&O
 - o Adjust dosage, and keep dose low
 - o Assess baseline kidney function and monitor kidney function periodically
- Medications Affecting Coagulation: subcutaneous administration of heparin ch 25
 - o Use a 20 - 22 gauge needle to withdraw medication
 - o Change needle to 25-26 to administer
 - o Apply gentle pressure for 1-2 min after the injection
- Safe Medication Administration and Error Reduction: teaching a newly licensed nurse about expired medications ch 2
 - o Be knowledgeable about the medications administered
 - o Utilize the pharmacy
 - o Poison control: 1-800-222-1222 (24/7)

Parenteral/Intravenous Therapies

N322 ATI REMEDIATION

- Gastrointestinal Therapeutic Procedures: preparing to administer total parenteral nutrition ch 47
 - o Right client
 - o Right medication
 - o Right dose

Pharmacological Pain Management

- Safe Medication Administration and Error Reduction: priority when administering a controlled substance ch 2
 - o Be knowledgeable about the medications being administered
 - o Clarify with provider if unsure
 - o Know the rights of the client