

Safety and infection control

- Reporting of incident/event/irregular occurrence/variance
 - How to properly give heparin
 - Knowing the PTT and aPPT times
 - Knowing drug interactions with heparin

Pharmacological and Parenteral Therapies

- Adverse effects/contraindications/side effects/interactions
 - Teaching the client about their medication
 - Knowing the risk factors/side effects of medications
 - Knowing the adverse reactions

Dosage calculations

- Knowing how to do dosage calculations
- Knowing the basics of why we do dosage calculations
- Making sure its the right dosage

Expected Actions/Outcomes

- Knowing the primary actions of patients with heart failure and pulmonary edema
- Knowing how to use anti-infective medications work
- Knowing how to use antilipemic agents

Medication administration

- Teaching about nitroglycerin patch, when to put a new one on and when to take one off
- Safe administration of enoxaparin
- Knowing the contraindications of acetaminophen

Parenteral/Intravenous therapies

- Knowing iv infusion infiltration, and the actions associated with it
- Knowing effective hypertonic infusions
- Knowing TPN therapy and how to initiate it

Pharmacological Pain Management

- Adverse effects of Morphine
- What to use if there is an opioid overdose
- Effects of pain management

Reduction of risk potential

- Changes/abnormalities in vital signs
 - Adverse effects medications have on the body such as bp and respiratory rate
 - Knowing what to do when these abnormalities occur

- How to treat the patient with changes in vitals that could be significant
- Laboratory Values
 - Know what labs can affect a person in a bad way
 - Knowing what to do to make the labs at a normal range
 - How to treat the patient who has abnormal labs
- Physiological adaptation
 - Assessing electrolyte imbalances with lithium
 - Knowing the manifestations of fluid volume deficit
 - Knowing treatment for hypermagnesemia and how the treatment works