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NUR 203
Drug cards 81-90

1) **Dobutamine**

Brand name: Dobutrex

Classification: Therapeutic Class: Inotropic
Pharmacologic Class: Beta-adrenergic agonist

Indication: Short term management of heart failure

Side Effects/Adverse Reaction:

- headache.
- feeling anxious.
- nausea, vomiting; or.
- chills, goose bumps.

Nursing Consideration:

- Monitor hemodynamics: hypertension, ↑HR, PVCs
- Skin reactions may occur with hypersensitivity
- Beta blockers may negate therapeutic effects of dobutamine
- Monitor cardiac output
- Monitor peripheral pulses before, during, and after therapy
- DO NOT confuse dobutamine with dopamine

2) **Iodine**

Brand name: none

Classification: Therapeutic Class: Antithyroid Agent, control of hyperthyroidism
Pharmacologic Class: none

Indication: thyroidectomy pretreatment, thyrotoxic crisis, radiation exposure

Side Effects/Adverse Reaction:

- Burning of mouth or throat.
- headache (severe)
- increased watering of mouth.

- irregular heartbeat.
- metallic taste.
- numbness, tingling, pain, or weakness in hands or feet.
- soreness of teeth and gums.
- stomach upset.

Nursing Consideration:

- may cause GI bleeding, diarrhea, hypothyroidism, goiter
- monitor for hypersensitivity

3) **Vasopressin**

Brand name: Pitressin

Classification: Therapeutic Class: Hormone
Pharmacologic Class: Antidiuretic hormone

Indication: management of diabetes insipidus, VT/VF unresponsive to initial shock, GI hemorrhage

Side Effects/Adverse Reaction: Abdominal or stomach pain, usually after eating a meal.

agitation.

back pain.

chest tightness or heaviness.

coma.

convulsions.

decreased urine output.

difficulty with swallowing.

Nursing Consideration:

- use caution with HF and CV disease
- contraindicated in renal failure and hypersensitivity to pork
- monitor BP, HR, and EKG during therapy
- monitor urine specific gravity and osmolality
- weigh patient and assess for edema
- monitor electrolyte panel
- do not use with alcohol

4) **Nystatin**

Brand name: Mycostatin

Classification: Therapeutic Class: Antifungal

Pharmacologic Class: none

Indications: candidiasis, denture stomatitis

Side Effects/Adverse Reaction:

Mouth irritation,
diarrhea,
nausea,
vomiting,
stomach upset.

Nursing Consideration:

- may cause diarrhea, nausea, vomiting
- can be used to soak dentures
- assess mucus membrane

5) **lactulose**

Brand name: Kristalose

Classification: Therapeutic Class: laxative

Pharmacologic Class: Osmotic

Indications: Constipation, portal-systemic encephalopathy

Side Effects/Adverse Reaction:

- Diarrhea. Drink lots of fluids, such as water or squash, to avoid dehydration. ...
- Bloating. Take lactulose between meals instead of before or after them.
- Wind (farting and burping) ...
- Feeling sick (nausea) ...
- Being sick (vomiting) ...
- Stomach pain.

Nursing Consideration:

- use caution with DM
- may cause cramps, abdominal distention, hyperglycemia
- assess mental status, ammonia levels, abdominal distention
- patient should average 2-3 bowel movements per day

6) Alteplase

Brand name: tPA, Activase

Classification: Therapeutic Class: Thrombolytics
Pharmacologic Class: Plasminogen activators

Indications: MI, acute ischemic stroke, occluded central lines

Side Effects/Adverse Reaction:

- Bleeding from puncture sites and wounds.
- coughing up blood.
- difficulty with breathing or swallowing.
- headache.
- increased menstrual flow or vaginal bleeding.
- nosebleeds.
- paralysis.
- prolonged bleeding from cuts.

Nursing Consideration:

- Contraindicated in active bleeding.
- Monitor closely for signs of bleeding (petechiae)
o q 15 min X 1hr o q 15-30 min X 8 hr.
- Use caution with patient who have had recent surgery
- May cause intracranial hemorrhage
- Monitor for anaphylaxis
- Use caution with uncontrolled hypertension
- Assess neuro status during therapy

7) Streptokinase

Brand name: Striptokinase

Classification: Therapeutic Class: Thrombolytic
Pharmacologic Class: Plasminogen activators

Indication: Pulmonary embolism, DVT, occluded lines, arterial thrombus

Side Effects/Adverse Reaction:

- Abdominal pain or swelling.
- back pain or backaches.

- black, tarry stools.
- burning, itching, redness, or soreness of skin.
- cloudy urine.
- cold clammy skin.
- coughing up blood.
- difficulty with breathing.

Nursing Consideration:

- contraindicated with active bleeding, hypersensitivity, bronchospasm, intracranial hemorrhage, hypotension
- begin therapy as soon as possible
- monitor vital signs continuously
- monitor closely for bleeding
- monitor hemodynamics
- avoid invasive procedures

8) **Folic acid**

Brand name: Folvite

Classification: Therapeutic Class: Nutraceutical
Pharmacologic Class: Vitamin B (class)

Indication: Dietary deficiency
Folic acid deficiency anemia
Toxic chemotherapy

Side Effects/Adverse Reaction:

- Feeling sick (nausea) Take folic acid with, or just after, a meal or snack to help with feeling sick. ...
- Loss of appetite. Eat when you'd usually expect to be hungry. ...
- Bloating or wind. It might help to eat smaller and more frequent meals, eat and drink slowly, and exercise regularly.

Nursing Consideration:

- Observe for nasal irritation due to erosion from nasal spray.
- GI: mild diarrhea
- Pain at injection site

9) **Glucagon**

Brand name: GlucaGen

Classification: Therapeutic Class: Hormones

Pharmacologic Class: Pancreatics

Indications: Severe hypoglycemia, antidote for beta blockers and calcium channel blockers

Side Effects/Adverse Reactions:

- nausea.
- vomiting.
- hives.
- injection site swelling or redness.
- headache.
- fast heartbeat.

Nursing Consideration:

- may cause anaphylaxis
- may cause hypotension
- assess for signs of hypoglycemia, neuro status
- monitor serum glucose levels
- teach patient signs of hypoglycemia

10) **Dexamethasone**

Brand name: Decadron

Classification: Therapeutic Class: Antiasthmatics, corticosteroids

Pharmacologic Class: Corticosteroids

Indications: Manage cerebral edema, assess for Cushing's Disease

Side Effects/Adverse Reactions:

- upset stomach.
- stomach irritation.
- vomiting.
- headache.
- dizziness.
- insomnia.
- restlessness.

- depression.

Nursing Consideration:

- Excreted by the liver - monitor liver profile
- Avoid in active untreated infections
- May cause CNS alterations
- May cause peptic ulcers
- May cause Cushingoid appearance (buffalo hump, moon face)
- Weight gain
- Osteoporosis
- Decrease wound healing
- May elevate blood sugars
- May increase cholesterol and lipid values