

Set 5      generic      Brand  
4150      ~~ibuprofen~~ (Advil)

Classification: Nonsteroidal  
~~Anti~~ Inflammatory Drugs

Indications: treatment of pain,  
arthritis, dysmenorrhea, juvenile  
arthritis, fever reduction, Rheumatoid  
arthritis

S/E & adverse reactions:

- Headache
- Fatigue
- Dyspepsia (indigestion)
- Dizziness
- Rash
- Bleeding
- Somnolence (sleepy)
- Nausea
- Constipation

Nursing Considerations:

- Contraindications: allergy to NSAIDs or salicylate, celecoxib in presence of allergies to sulfonamides, CV dysfunction, hypertension, & renal or hepatic dysfunctions
- Don't give to pts or be cautious in pts with asthma b/c can cause bronchospasm

• Take with food to ↓ upset stomach  
DONT take it on an empty stomach

Generic Brand  
acetaminophen (Tylenol)

Classification: Non salicylates, analgesics & antipyretic

Indication: Pain, Fever, S/S of common cold or flu, musculoskeletal pain associated with arthritis or rheumatic disorders

S/E & adverse effects:

- Fever
- Liver toxicity & failure
- Rash
- Bone marrow suppression
- Chest pain
- Hives
- Hypoglycemia
- Hemolytic anemia
- Pancytopenia (WBC & platelets)

Nursing Considerations:

- Contraindications: allergy to acetaminophen, cautious for preg. women & lactation, hepatic impairment or dysfunction or chronic alcoholism
- B/F admin. assess pt for alcohol abuse & overall health
- Limit dosage to 1000-2000mg/day
- Antidote: acetylcysteine (Mucomyst)

Generic      Brand  
baclofen (Lioresal)

Classification: Centrally Acting skeletal  
Muscle Relaxants

Indication: Alleviate s/s of spasticity,  
spinal cord injuries or spinal diseases

S/E & adverse reactions:

- Transient drowsiness • Constipation
- Dizziness • Headache • Nausea
- Weakness • Insomnia • Urinary
- Fatigue • Hypotension Frequency

Nursing Considerations:

- Contraindications: allergy to drug,  
skeletal muscle spasms resulting from  
rheumatic disorders, history of epilepsy  
b/c CNS depression, cardiac dysfunction,  
hepatic or renal dysfunction, limit to preg. <sup>women</sup>
- Taper drug slowly over 1 to 2 weeks to  
prevent psychoses & hallucinations

Generic Brand  
methadone (Dolophine)

Classification: Opioid agonists

Indication: Relief of severe pain, detoxification & temporary maintenance treatment of opioid addiction in adults.

S/E & adverse reactions:

- Resp. depression w/ apnea
- Cardiac arrest
- Shock for resp. depre.
- Orthostatic hypotension
- GI: nausea, vomiting, constipation, & biliary spasm
- Neuro: dizziness, light-headedness, psychoses, anxiety, fear, hallucinations, pupil constriction, & impaired mental processes
- GU: uterine spasms, urinary retention, hesitancy, loss of libido



## Nursing Considerations:

- Contraindications: allergy to opioid agonist, diarrhea caused by toxic poisons b/c depression of GI activity could lead to ↑ absorption & toxicity, after biliary surgery or surgical anastomoses b/c are associated w/ slowed GI activity due to opioids
- Not for children
- Perform baseline & periodic pain assessments
- Have an opioid antagonist & equipment for assisted ventilation readily available when admin. drug IV to provide pt support in case of severe reaction
- Monitor respiratory status b/f admin.
- Ensure safety measures: rails, assistance w/ ambulation

Generic Brand  
Morphine (Roxanol)

Classification: Opioid agonists

Indication: Relief of moderate to severe pain chronic or acute, preop medication, component of combination therapy for severe chronic pain, intraspinal to reduce intractable pain

S/E & adverse reactions:

- Light-headedness • vomiting • Apnea
- Dizziness • Dry mouth • Circul. depression
- Sedation • Uteral spasm • Resp. arrest
- Nausea • Resp. depression • Shock • Cardiac arrest

Nursing considerations:

- Contra. indications: allergy to opioid agonist, diarrhea, surgeries, liver disease
- Take drug as prescribed
- Avoid alcohol
- Avoid pregnancy while on drug - use barrier contraceptives

Generic Brand  
naloxone (Narcan)

Classification: Opioid Antagonists

Indication: complete or partial reversal of opioid depression, diagnosis of suspected opioid overdose

S/E & adverse reactions:

- Acute opioid abstinence syndrome (nausea, vomiting, sweating, tachycardia, fall in BP)
- Hypotension
- Hypertension
- Pulmonary edema

Nursing considerations:

- Contraindications: allergy to opioid antagonist, pregnancy/lactation, opioid addiction, CV disease
- Administer challenge b/c giving naltrexone b/c of serious risk of acute withdrawal
- Maintain open airway & provide artificial ventilation & cardiac massage as needed for support

• CO  
• CVA  
• disec  
• Assess  
• resp (mit)

- Assess respiratory status & pain
- As med becomes effective, explain purpose & effects of naloxone to pt

Generic Brand  
dopamine (Intropin)

Classification: Alpha B Beta Adrenergic Agonists. Catecholamine neurotransmitter. Inotropic Agents.

Indication: Correction of hemodynamic imbalances present in shock (ex: MI, trauma, renal failure, CHF).

S/E & Adverse reactions:

- Tachycardia
- Ectopic beats (change in heartbeat)
- Anginal pain
- Hypotension
- Dyspnea
- Nausea, vomiting, headache

Nursing Considerations:

- Contraindications: allergy to drug, pheochromocytoma, tachyarrhythmias or v-<sup>fib</sup> fibrillation, hypovolemia, halogenated hydrocarbon general anesthesia, peripheral <sup>cautious</sup> vascular disease →

- Monitor signs of peripheral vasoconstriction (~~and~~ coldness in hands ~~and~~ feet), cyanosis, & muscle cramping
- Monitor IV swelling, irritation or pain
- Pt edu: Explain need for frequent hemodynamic monitoring
- Assess v/s & potassium levels

Generic  
hydrocortisone (Cortef)<sup>Brand</sup>

Classification: Corticosteroids (Short-acting)

Indication: Replacement therapy, treatment of allergic & inflammatory disorders

S/E & adverse reactions:

- Sodium retention → HF
- Headache
- Hypertension
- Loss of muscle mass
- Water retention
- HTN
- ~~arrhythmias~~ arrhythmias
- Weakness, edema
- Hypokalemia

Nursing considerations:

- Contraindications: active untreated infections, Traumatic brain injury (TBI), Lactation
- Assess for signs of adrenal insufficiency b/f & periodically during therapy
- Monitor I&O & daily weights →
- Monitor for peripheral edema

- Monitor for weight gain, crackles/rales
- Monitor serum electrolytes & glucose
- May cause hyper~~natremia~~<sup>lycemia</sup> especially those w/ diabetes

Generic  
fentanyl (Duragesic)

Classification: Opioid Agonists

Indication: For analgesia I/F, during  
& after surgery, transdermal patch  
for management of chronic pain,  
control of breakthrough pain

S/E & adverse reactions:

- Relaxation • Drowsiness • Pupil constrict.
- Euphoria • Nausea, vomiting
- Sedation • Urinary retention
- Confusion • Resp distress

Nursing considerations:

- Contraindications: Diabetes, critically ill pts, cautious in geriatric, opioid intolerance, resp. depression, alcohol intolerance, paralytic drugs
- Monitor resp rate & BP frequently

Generic Brand  
Oxycodone (OxyContin)

Classification: Opioid Agonists

Indication: Relief of moderate to severe pain in adults

S/E & adverse reactions:

- Constipation
- Itching & sleepiness
- Sexual problems
- Swelling
- Nausea, vomiting
- Sweating

Nursing Considerations:

- Assess type & location, intensity of pain prior to & 1hr after administration
- Contraindications: Head trauma, ↑ intracranial pressure, severe renal or hepatic disease, hypothyroidism, ~~Basal~~<sup>adrenal</sup> insuff.
- Assess BP, pulse, resp. b/f admin, if <10 resp/min assess level of sedation • Assess bowel