

Diphenhydramine (Benadryl)

- C** pharmacotherapeutic: Histamine Δ antagonist clinical: Antihistamine, anticholinergic
- D** treat. of allergic rxn, nasal, dermatoses, produces anticholinergic, antipruritic, antitussive, atemetic, antidyskinetic
- D** PO 25mg q4-q6h PRN IM, IV 10-50 mg/dose q6hrs PRN
- S** drowsiness, dizziness, muscle weakness, hypotension, urinary retention, dry mouth, throat, nose, lips. Adverse: pruritus, rash, eczema, CNS depression to severe paradoxical rxn
- C** hypersensitivity, neonates, breastfeeding. Narrow angle glaucoma, stenotic, asthma, COPD, cardiovas. disease
- A** absorbed after PO, parenteral admin. M=liver E=urine
- N** acute allergic rxn, Hx of recently ingested foods, monitor BP, RR, HR, lung sounds. Tolerance does not occur generally. Avoid tasks that require alertness motor skills, dry mouth, drowsiness, dizziness is response to drug, avoid alcohol

Epinephrine (Adrenalin, EpiPen)

- C** pharmacotherapeutic: Sympathomimetic. Antiglaucoma, bronchodilator, cardiac stimulant, antiallergic, antihemorrhagic
- A** treatment of allergic rxn (inc. anaphylactic react.), hypotension, ass. w/ neuro shock. Added to local anesthesia to $\uparrow$ duration
- stimulates alpha-adrenergic receptors, relaxes smooth muscle of bronchial tree, produces cardiac stimulation, dilates skeletal muscle
- D** (Anaphylaxis) IM, SQ 0.2 mg-0.5 mg, repeat q5-15 min if persists. Hypotension, IV infusion 0.1-0.5 mcg/kg/min. Titrate to desired fluids
- S** Tachycardia, palpitations, anxiety. Headache, dizziness, light-headedness, increased BP, adverse: acute hypertension, arrhythmias, motor
- C** hypersensitivity, IV narrow-angle glaucoma, diabetes, thyrotoxicosis
- A** ab. after parenteral admin., min. absorbed after inhale. M=liver, E=urine
- issues, sympathetic nerve endings. E=urine
- N** monitor BP, HR, lung sounds, rhonchi, wheezes, ABGs. Avoid excessive use of caffeine, report new symptoms

Fluticasone (Flonase)

- C** pharmacotherapeutic: corticosteroid, antiinflamm. antipruritic
- B** direct local effect as potent vasoconstrictor, prevents/controls inflammation, management of nasal symp.
- D** Intranasal 200mcg (2 sprays in each nostril) / A rhinitis, A rhinitis 110mcg (2 sprays), Topical ointment: apply once/twice daily
- S** throat irritation, hoarseness, dry mouth, cough, temp. wheezing, mild nasopharyngeal irritation, oral candidiasis, headache, tor: smogging ^{system}
- C** hypersensitivity, hypersens. to milk proteins or lactose, untreated ocular herpes simplex, untreated fungal, acute asthmatic conditions, thyroid dis., cardiovascular dis., diabetes, glaucoma, hepatic/renal impair
- A** Protein binding, M= liver, E= urine
- N** baseline hx skin disorder, asthma, rhinitis, hypersens.; monitor rate depth, rhythm, type of resp., quality/rate pulse, lung sounds, candida
- Pts receiving bronchodilators do b4 corticosteroid aerosol, oral hygiene, increase fluid intake, clear nasal passages, rub thin film gently

Loratadine (Claritin)

- C** pharmacotherapeutic: H₁ antagonist, second generation, Antihistamine
- A** relief of nasal, non-nasal symptoms of seasonal allergic rhinitis
- B** competes with histamine for H₁ receptor sites on effector cells, prevents allergic rxns mediated by histamine
- D** PO 10mg q once daily or 5mg q 2 times daily
- S** Headache, fatigue, drowsiness, dry mouth, nose, throat
- C** hypersensitivity, renal/hepatic impairment
- A** absorbed GI tract, distributed to liver, lungs, GI tract, bile. Metabolized in liver, excreted in urine and feces
- N** Assess lung sounds for wheezing, skin for urticaria, UR allergies, ↑ fluids to ↓ viscosity of secretions, offset thirst, replenish loss of fluids
- Drink plenty of water, avoid alcohol, that require alertness, motor skills

Montelukast (Singulair)

- C** pharmacotherapeutic: Leukotriene receptor inhibitor Antihist
- B** binds to cysteinyl leukotriene receptors, decreases bronchoconstriction, vascular permeab., mucosal edema, mucus produ., chronic treatment of asthma, prophylaxis. Prevents exercise induced bronchoconstriction
- D** PO 10mg tablet daily taken in the evening
- S** Headache, influenza, abdominal pain, cough, dizziness, fatigue
- A** Adverse: suicidal ideation, depression
- C** hypersensitivity, systemic corticosteroid treatment relieves dur. montelukast
- B** rapidly absorbed, protein binding, extensively m= liver, E= feces (not alone pharmacotherapeutic)
- N** chewable tabs contain phenylephrine, lung sounds, allergy symp.
- Hx of depression, suicidal ideation, rate, depth, rhythm resp.
- quality/rate pulse, change in mood/behavior, ↑ fluid intake
- take as prescribed (↓ lung secret viscosity)