

Lecture 5

barium chloride	Completely water-soluble
Streptomycin	high pKa
	always ionized
	Not absorbed orally
Acid drugs	Phenobarbital
	Aspirin
tetracyclines	Decrease oral absorption
	By Ca ⁺² salts (filler) or (excipient)
Basic drugs	Pyrimethamine
	Amphetamine
Nitroglycerin + propranolol	1st pass effect (liver)
Estrogen	1st pass effect(intestinal wall)
Nicotine	Pulmonary metabolism (partially)
Heparine	Vascular compartment
Neostigmine	Vascular and interstitial
Barbiturates	Vascular and interstitial and intercellular
Thiopental	Highly lipid soluble drug (redistribution)
Aspirin+amiodarone	Displace warfarin
Chloroquine	Concentrated in liver
Iodides	Concentrated in thyroid and salivary glands
Quaternary ammonium compounds	Ionized
	Poor absorption