

Study Guide for NLN RN Pharmacology Exam

Drug	Use and dosage	Side effect	Teaching and labs	contraindication
Acetylsalicylic acid(Aspirin) Antiplatelets Non opioid analgesic Increase coagulations studies Decrease serum K	Blocks pain impulse in CNS, antipyretic result from vasodilatation of peripheral vessels, inhibit platelets aggregation. Treat TIA, Post MI, Stroke, angina	Increase PT, PTT. Reye's syndrome (encephalopathy and fatty liver), GI bleed, tinnitus, liver toxicity (dark urine, clay stool, itching, yellowing sclera and skin), visual changes	Take with full glass of water, milk for food to prevent stomach upset Do not crush enteric coated, given 30 min prior to or 2 hrs after meals. Therapeutic in 2 weeks , do not give children with flu-like symptoms or chickenpox symptoms (Reye syndrome)	Do not give children under 12 because of risk of Reye syndrome, children or teenagers with chicken pos or flu like symptoms, pregnancy in 3 rd trimester, and decrease effect of ASA with antacid, vit. K deficiency
Activated charcoal (Actidose-Aqua) Given 1gm/kg of body weight Pre mixed with water 12.5-25 grams Charcoal does not change the stomach PH.	Treat poison and overdose following oral ingestion. It binds to poison and prevent its absorption by the GI tract and it eliminate in the feces. Charcoal must be administered within 60 minutes of ingestion. Ipecac-induce emesis of stomach pups is also used. Charcoal may be given once or twice depending on the level of toxic	Incorrect application say into the lungs, results in pulmonary aspiration which can be fatal	Binding is irreversible so cathartic such as sorbitol may be added as well. It interrupts enterohepatic circulation of some drugs/toxins and their metabolites. It allows certain drugs/toxins to be drawn out of the blood and bind to charcoal in the intestine a kind of " gut dialysis"	In ingestion substance that is acid an alkali or a petroleum product. Do not do gastric lavage on pt who swallow caustic agent, convulsions are occurring, high viscosity petroleum products have been ingested, cardiac dysrhythmias are present, or there is emesis of blood Antidote supportive care and preventing aspiration are

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Margery Garbin



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