

Prototype	Heparin	Drug Interactions	Labs
Action	Blocks Prothrombin to Thrombin	Anticoagulants Penicillin Antihistamines Digoxin Nitroglycerin Nicotine	PTT Therapeutic range = 45-70 sec. CBC Monitor for thrombocytopenia (<150)
Indications	Prevents formation of clots Drug of Choice For:	All of these drugs will exacerbate the effects of Heparin	
	Pulmonary embolism & thrombus DIC		
Contraindications	Beef/Pork allergies or cultural/religious objections Thrombocytopenia Bleeding disorder	Nursing Interventions	
Cautions	Uncontrolled HTN: Heparin makes vessels more friable which could result in a fatal bleed Recent surgery GI ulcers	Monitor Labs: CBC & PTT Antidote: Protamine Sulfate Administration Route: Half-life Injection site Hematoma	
Adverse Effects	Heparin induced thrombocytopenia with thrombosis (HITT) Thrombocytopenia	Assess for therapeutic drug effect & development of AE Administer in the event of Heparin overdose SubQ or IV 90 min. IV site will ooze and have more evident bruising	
		Drug of Choice for Bridge to other anticoagulants such as Warfarin	

