

Categories	Aneurysm	Aortic Dissection	DVT
Risk Factors	<ul style="list-style-type: none"> Atherosclerosis Male gender Uncontrolled HTN Tobacco use Hyperlipidemia Blunt force trauma Family hx History of syphilis Age Marfan's syndrome 	<ul style="list-style-type: none"> Men > women Age Atherosclerosis Trauma Pregnancy Tobacco/cocaine use Marfan's syndrome Hypertension Family history High-intensity weightlifting 	<ul style="list-style-type: none"> Inactivity BC pills Long travel Dehydration
Signs and Symptoms	<ul style="list-style-type: none"> Severe chest/back pain Hoarseness, cough, SOB, trouble swallowing Low back pain Pulsating abdominal mass Bruit over area of aneurysm Epigastric discomfort/altered bowel elimination 	<ul style="list-style-type: none"> Depend on location & extent of dissection Ascending Aorta <ul style="list-style-type: none"> Sudden, severe to chest/back radiating to neck or shoulders Descending Aorta: <ul style="list-style-type: none"> Pain to back, legs, abdomen "Tearing" "Ripping" "Stabbing" Neuro deficiencies If ascending aorta, CV deficiencies With progression, decreased peripheral perfusion 	<ul style="list-style-type: none"> Unilateral edema Red, warm Painful + Homans
Complications	<ul style="list-style-type: none"> Thrombi can develop & embolize Rupture → exsanguination 	<ul style="list-style-type: none"> Cardiac tamponade Rupture → exsanguination 	<ul style="list-style-type: none"> PE Post-thrombotic syndrome
Diagnostics	<ul style="list-style-type: none"> Chest/Abdominal x-ray CT scan Ultrasound MRI 	<ul style="list-style-type: none"> EKG Chest x-ray CT scan MRI Transesophageal echocardiography (TEE) 	<ul style="list-style-type: none"> Venous duplex ultrasound D-dimer Good assessment
Medications	<ul style="list-style-type: none"> Antihypertensive meds 	<ul style="list-style-type: none"> Drug therapy <ul style="list-style-type: none"> IV β-adrenergic blocker Calcium channel blockers ACE Inhibitors Pain Control – Morphine 	<ul style="list-style-type: none"> Heparin Enoxaparin
Surgical Options	<ul style="list-style-type: none"> Open repair Endovascular aneurysm repair 	<ul style="list-style-type: none"> Endovascular dissection repair <ul style="list-style-type: none"> Descending aortic dissections Open repair 	<ul style="list-style-type: none"> Thrombectomy
Post-op Assessment	<ul style="list-style-type: none"> All body systems the aorta affects: neuro, resp, renal, peripheral vascular Incision line Pain 	<ul style="list-style-type: none"> All body systems the aorta affects: neuro, resp, renal, peripheral vascular Incision line Pain 	<p>Teaching :</p> <ul style="list-style-type: none"> Prevention! Increase mobility TEDS/EPCs Hydration