

## Drug List for CV 3 (Anti-hyperlipidemics, Anti Coagulants &amp; Clotting agents)

Generic name "Pronunciation"	Trade name	Class/Indication/Notes
<b>Atorvastatin</b> "a TOR va sta tin"	<a href="#">Lipitor</a>	<ul style="list-style-type: none"> <li>• Statin anti hyperlipidemic</li> <li>• PO</li> <li>• Do not take with grapefruit juice</li> <li>• Rhabdomyolysis is a serious potential ADR</li> </ul>
<b>Cholestyramine</b> "KOE-le-STYE-rah-meen"	<a href="#">Questran</a>	<ul style="list-style-type: none"> <li>• Bile acid sequestrant (BAS)</li> <li>• PO not at same time as other drugs</li> <li>• Interferes with the absorption of many other drugs and nutrients (including fat soluble vitamins)</li> </ul>
<b>Nicotinic acid, Niacin</b> "NIK oh TIN ik AS id " and "NYE-a-sin"	<a href="#">Niacor</a>	<ul style="list-style-type: none"> <li>• Vitamin B3</li> <li>• PO</li> <li>• Lots of ADRs that limit compliance (flushing, hot flashes, itching, hyperglycemia, hyperuricemia, palpitations, toxic amblyopia, flatulence, diarrhea, skin pigmentation....).</li> <li>• 20-25% blurred vision and/or dry eyes</li> <li>• 10% get eyelid edema</li> </ul>
<b>Gemfibrozil</b> "jem FYE broe zil"	<a href="#">Lopid</a>	<ul style="list-style-type: none"> <li>• Fibrate</li> <li>• PO before meals</li> </ul>
<b>Ezetimibe</b> "ez ET i mibe"	<a href="#">Zetia</a>	<ul style="list-style-type: none"> <li>• "Other" anti hyperlipidemic</li> <li>• PO</li> </ul>
<b>Warfarin</b> "WAR far in"	<a href="#">Coumadin</a>	<ul style="list-style-type: none"> <li>• "Oral" anticoagulant</li> <li>• PO, IV (switch to PO asap)</li> <li>• Pregnancy category X</li> <li>• <i>Boxed warning: bleeding risk</i></li> <li>• Use requires periodic monitoring of clotting time, special diet, &amp; frequent dose adjustments. Do not take with vitamin K supplements or foods high in vitamin K.</li> <li>• Up to 11% get ocular hemorrhage</li> <li>• Warfarin-induced skin necrosis is a serious ADR</li> <li>• Screen for CYP2C9 and VKORC1 activity</li> </ul>
<b>Enoxaparin</b> "ee nox AP a rin"	<a href="#">Lovenox</a>	<ul style="list-style-type: none"> <li>• Parenteral anti coagulant</li> <li>• Low Molecular Weight Heparin (LMWH) isolated from pig GIT</li> <li>• SC (does not require close lab monitoring)</li> <li>• <i>Boxed warning: spinal/epidural hematoma risk</i></li> </ul>
<b>Heparin</b> "HEP a rin"	<a href="#">HepLock</a> , <a href="#">HepFlush</a> ,	<ul style="list-style-type: none"> <li>• Parenteral anti coagulant</li> <li>• Unfractionated Heparin (UFH) isolated from pigs and cows – highly sulfated glycosaminoglycan</li> <li>• IV or deep SC requires frequent monitoring</li> <li>• High risk of osteoporosis with chronic use</li> <li>• Up to 50% get drug-induced alopecia</li> <li>• High risk of thrombocytopenia (immune-mediated)</li> <li>• Suppresses aldosterone causing hyperkalemia (5-10% of patients)</li> </ul>

## Drug List for CV 3 (Anti-hyperlipidemics, Anti Coagulants &amp; Clotting agents)

Generic name "Pronunciation"	Trade name	Class/Indication/Notes
<b>Dabigatran</b> "DA-bye-GAT-ran"	<a href="#">Pradaxa</a>	<ul style="list-style-type: none"> <li>• Direct Thrombin Inhibitor anticoagulant</li> <li>• PO, Prodrug</li> <li>• Used to prevent clotting due to atrial fibrillation</li> </ul>
<b>Bivalirudin</b> "bye VAL i roo din"	<a href="#">Angiomax</a>	<ul style="list-style-type: none"> <li>• Parenteral anti coagulant</li> <li>• Synthetic form of anti coagulant produced by leeches (leech spit)</li> <li>• 42% of patients report back ache</li> </ul>
<b>Aspirin</b>	Generics	<ul style="list-style-type: none"> <li>• NSAID</li> <li>• Covalently binds to COX, permanently inhibiting COX</li> </ul>
<b>Clopidogrel</b> "kloe PID oh grel"	<a href="#">Plavix</a>	<ul style="list-style-type: none"> <li>• ADP receptor blocker (Oral antiplatelet anticoagulant) used for CAD, peripheral vascular disease and cerebrovascular disease.</li> <li>• PO, Prodrug</li> <li>• <i>Boxed warning: diminished effectiveness in poor metabolizers, screen for CYP2C19 function.</i></li> </ul>
<b>Cilostazol</b> "sil OS tah zol"	<a href="#">Pletal</a>	<ul style="list-style-type: none"> <li>• 3-PDE inhibitor (Oral antiplatelet anticoagulant) for intermittent claudication</li> <li>• PO 30 minutes before or 2 hours after meals</li> <li>• <i>Boxed warning: 3-PDE inhibitors increase the risk of death in congestive HF patients</i></li> </ul>
<b>Eptifibatide</b> "ep tih FYE bah tide"	<a href="#">Integrilin</a>	<ul style="list-style-type: none"> <li>• AKA: snake spit. Glycoprotein IIB/IIIA receptor blocker (IV antiplatelet anticoagulant) for acute coronary syndrome or angioplasty.</li> <li>• IV only (refrigerate)</li> </ul>
<b>Alteplase</b> "AL-teh-PLACE"	<a href="#">Activase</a>	<ul style="list-style-type: none"> <li>• Recombinant tissue plasminogen activator (t-PA) – (fibrinolytic) for acute MI or lysis of objectively diagnosed thrombi in lungs or deep veins.</li> <li>• IV</li> </ul>
<b>Aminocaproic acid</b> "uh mee noe ka PROE ik AS id"	<a href="#">Amicar</a>	<ul style="list-style-type: none"> <li>• Systemic hemostatic agent (anti-fibrinolytic) to treat excess bleeding in hyperfibrinolytic states or subarachnoid hemorrhage.</li> <li>• PO, IV</li> <li>• IV infusion for up to about 8 hours only</li> </ul>
<b>Factor IX complex</b>	<a href="#">BeneFIX</a>	<ul style="list-style-type: none"> <li>• Anti-hemophilic agents (clotting factor replacement) to treat hemophilia B (Christmas Disease).</li> <li>• IV only (refrigerate)</li> <li>• Obtained from pooled human plasma, so potential for blood-borne diseases (hepatitis, HIV-AIDs, and prion diseases including bovine spongiform encephalopathy or Creutzfeldt-Jakob disease). Severe allergic responses possible.</li> </ul>