



Fighting blood clots through education

Anticoagulant Comparison Chart

Which anticoagulant is right for your patient?

For more information, please visit www.natfonline.org.

Brand name	Warfarin* *Coumadin® was discontinued in April 2020.	 Dabigatran	 Rivaroxaban	 Apixaban	 Edoxaban
Generic	Yes	No	No	No	No
FDA-approved indications					
Stroke prevention in those with heart valve replacements and/or Afib	✓				
Stroke prevention in nonvalvular Afib	✓	✓	✓	✓	✓
VTE treatment	✓	✓	✓	✓	✓
VTE prevention	✓				
VTE prevention in patients already treated for a blood clot		✓	✓	✓	
VTE prevention after hip replacement surgery		✓	✓	✓	
VTE prevention after knee replacement surgery			✓	✓	
VTE prevention during hospitalization and after discharge in adults with acute medical illness			✓		
Prevention of major CV events in patients with CAD and PAD*, including patients with recent lower extremity revascularization due to symptomatic PAD <i>*In combination with aspirin</i>			✓		
Drug image and available dosages <i>Warfarin is scored and can be cut. Rivaroxaban, apixaban, and edoxaban are not scored and should ideally be taken whole or crushed to ensure accurate dosing. Dabigatran should not be crushed.</i>	Doses vary 	75 mg, 110 mg, or 150 mg capsule 	2.5 mg, 10 mg, 15 mg, or 20 mg tablet 	2.5 mg or 5 mg tablet 	15 mg, 30 mg, or 60 mg tablet 
Onset	Slow Several days	Fast A few hours	Fast A few hours	Fast A few hours	Fast A few hours
Renal effects	No	Yes Kidney function affects the dosage	Yes Kidney function affects the dosage	Yes Kidney function affects the dosage	Yes Kidney function affects the dosage
Food effects	Yes Vitamin K interactions	No	Yes The 15 and 20 mg doses of Xarelto should be taken with food	No	No
Drug interactions	Many	Few	Few	Few	Few
Routine drug monitoring	Yes	Routine drug monitoring not needed Labs recommended annually and should include a CBC and renal/liver function tests. Consider more frequent lab monitoring for elderly or frail patients.			
Reversal agents <i>If FDA-approved agents aren't available, 4-factor PCC can be used.</i>	Yes FDA-approved agent: PCC Vitamin K, fresh frozen plasma	Yes FDA-approved agent: Praxbind (idarucizumab)	Yes FDA-approved agent: Andexxa (andexanet alfa)	Yes FDA-approved agent: Andexxa (andexanet alfa)	Not yet Reversal agents are being investigated

Acute medical illness: Conditions such as pneumonia, stroke, heart failure, infection, or inflammatory disease

Afib: Atrial fibrillation (nonvalvular Afib refers to Afib in patients without mechanical heart valves)

CAD: Coronary artery disease

Major cardiovascular (CV) events: CV death, heart attack, and stroke

PAD: Peripheral artery disease

PCC: Prothrombin complex concentrate (KCentra®)

VTE: Venous thromboembolism

This chart is for informational purposes only.

Please visit natfonline.org for a patient-friendly version of this chart that you can distribute in your clinic or practice.