

## DOAC: Cheat Sheet

	<b>Atrial Fibrillation</b>	<b>VTE prophylaxis</b>	<b>VTE Treatment</b>
Apixaban	5mg BID	2.5mg BID	10mg BID x 7 days then 5mg BID, 2.5mg bid after 6 months
Dabigatran	150mg BID	220mg daily	Heparin x 5 days then 150mg BID
Edoxaban	60mg daily	-	Heparin x 5 days then 60mg daily
Rivaroxaban	20mg daily	10mg daily	15 mg BID x 21 days then 20 mg daily, 10 mg daily after 6 months

### Renal Dosing:

Apixaban (25% renal clearance): If 2 of 3 - weight < 60kg, Creat > 1.5, Age > 80: 2.5 mg bid; dialysis patients 5mg bid

Dabigatran (80%): If CrCl 15-30 75 mg bid (most recommend alternative agent if CrCl < 50)

Edoxaban (50%): Approved for patients with CrCl < 95 ; 30mg/day if weight < 60kg, CrCl 15-50

Rivaroxaban (33%): VTE: CrCl < 30 do not use. AFib: CrCl 15-50: 15mg

### Common Drug interactions

Apixaban: CYP 3A4+p-GP: azole antifungals (except fluconazole) or HIV-protease inhibitors – reduce dose to 2.5mg BID; carbamazepine, rifampin, St Johns wort - contraindicated

Dabigatran: P-gp inhibitors: Dronedarone, ketoconazole - dose reduced to 75mg bid or contraindicated if renal impairment. P-gp inducers: Rifampin, St John's wort - contraindicated.

Edoxaban: dose reduce 50% -verapamil, quinidine, erythromycin, azithromycin, clarithromycin, ketoconazole or itraconazole. Contraindicated - protease inhibitors and cyclosporine

Rivaroxaban: CYP 3A4+p-GP: azole antifungals (except fluconazole) or HIV-protease inhibitors, carbamazepine, rifampin, St Johns wort - contraindicated

### Surgery (for all add 24 hours if renal disease)

For all: Minor surgery: Hold 24 hours, Major surgery: Hold 48

### Coagulation Tests

Apixaban: Anti-Xa levels\* ("heparin levels")

Dabigatran: Thrombin time, aPTT

Edoxaban: Anti-Xa levels, INR

Rivaroxaban: Anti-Xa levels, INR

\*Apixaban expected anti-Xa Levels

Dose	Peak	Trough
AF 2.5mg bid*	1.0-3.3	0.51-2.4
AF 5mg bid	1.4-4.8	0.61-3.4
VTE 2.5 mg bid	0.46-2.5	0.17-1.4
VTE 5mg bid	0.91-5.2	0.33-2.9

\*dose adjusted for renal disease, weight, age. Base on date from European Medicines Agency

### Reversal

Apixaban: 50 units/kg 4 factor PCC; Andexanet: 400mg bolus then 4mg/min for 120 minutes

Dabigatran: Idarucizumab 5grams

Edoxaban: 50 units/kg 4 factor PCC

Rivaroxaban: 50 units/kg 4 factor PCC; Andexanet: 800mg bolus then 8 mg/min for 120 minutes