

Anticoagulation in Concomitant Chronic Kidney Disease and Atrial Fibrillation

JACC Review Topic of the Week

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TABLE 4 DOAC Dosing and Oral Anticoagulation Medical Guidelines (2016 Onwards) for AF in CKD						
	Guidelines (Year) (Ref. #)	Warfarin	Dabigatran	Apixaban	Rivaroxaban	Edoxaban
CrCl 30–59 ml/min	AHA/ACC/HRS (2019) (5)	Adjusted dose INR 2–3	150 mg BID	5.0 or 2.5 mg BID*	15 mg QD	30 mg QD
	CHEST guideline (2018) (4)	Adjusted dose TTR >70%	150 or 110 mg BID (non-U.S.)	5.0 or 2.5 mg BID*	15 mg QD	30 mg QD
	KDIGO (2018)† (2)	Adjusted dose INR 2–3	150 or 110 mg BID	5.0 or 2.5 mg BID*	15 mg QD	30 mg QD
	EHRA practical guide (2018) (3)	Adjusted dose INR 2–3	150 mg or 110 mg BID	5.0 or 2.5 mg BID*	20 mg (or 15 mg if CrCl <50)	30 mg QD
	ESC (2016) (1)	Adjusted dose INR 2–3	150 mg or 110 mg BID	5.0 or 2.5 mg BID*	15 mg QD	30 mg (or 15 mg if CrCl <50)
CrCl 15–29 ml/min	AHA/ACC/HRS (2019) (5)	Adjusted dose INR 2–3	75 mg BID	5.0 or 2.5 mg BID*	15 mg QD	Not recommended
	CHEST Guideline (2018) (4)	Adjusted dose TTR >70%	75 mg BID (U.S. only) Not recommended outside U.S.	2.5 mg BID	15 mg QD	30 mg QD
	KDIGO (2018)† (2)	Consider adjusted dose INR 2–3	Unknown (consider 75 mg BID)	Consider 2.5 mg BID	Consider 15 mg QD	Consider 30 mg QID
	EHRA practical guide (2018) (3)	Not discussed	Not recommended	2.5 mg BID	15 mg QD	30 mg QD
	ESC (2016) (1)	Adjusted dose INR 2–3	Not recommended	Not recommended if CrCl <25	Not recommended	Not recommended
CrCl <15 ml/min (Dialysis)	AHA/ACC/HRS (2019) (5)	Adjusted dose INR 2–3	Not recommended	5.0 or 2.5 mg BID*	Not recommended	Not recommended
	CHEST guideline (2018) (4)	Adjusted dose TTR >70%	Not recommended	5 mg BID‡	Not recommended	Not recommended
	KDIGO (2018)† (2)	Equipoise	Not recommended	Consider 2.5 mg BID	Unknown (15 mg QD mentioned)	Not recommended
	EHRA practical guide (2018) (3)	Not discussed	Not recommended	Not recommended	Not recommended	Not recommended
	ESC (2016) (1)	Not discussed	Not recommended	Not recommended	Not recommended	Not discussed