

Anti-coagulant drugs

Treatment of Thromboembolism			
	Normal dose range	eGFR (mL/min/1.73m ²)	
		30-59	< 30
Dalteparin	200 units/kg SC daily	100%	Reduce dose, but no recommendations; dose based upon anti-Xa levels
Enoxaparin	1 mg/kg SC twice daily	100%; monitor for bleeding	1 mg/kg SC daily
Tinzaparin	175 units/kg SC daily	100%	Reduce dose, but no recommendations. Use with caution
Rivaroxaban	15 mg PO BID x 3 weeks, then 20 mg PO daily	100%	Avoid
Dabigatran	150 mg PO BID	100%	Avoid

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Thromboembolism prophylaxis				
	Normal dose range	eGFR (mL/min/1.73m ²)		
		30-59	< 30	
Dalteparin	5000 units SC daily	100%	Reduce dose, but no recommendations	
Enoxaparin	40 mg SC daily or 30 mg SC twice daily	100%	30 mg SC daily	
Tinzaparin	75 anti-Xa units/kg SC daily	100%	Reduce dose, but no recommendations. Use with caution	
Dabigatran	220 mg PO daily	150 mg PO daily	Contraindicated	
Rivaroxaban	10 mg PO daily	100%	Avoid	
		30-59	15-30	< 15
Apixaban	2.5 mg PO BID	100%	Caution, increased bleeding risk	Avoid

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Treatment of Atrial Fibrillation				
	Normal dose range	eGFR (mL/min/1.73m ²)		
		> 50	30-50	< 30
Dabigatran	150 mg PO BID	100%	100%; consider 110 mg PO BID in elderly or those with increased bleeding risk	Contraindicated
Rivaroxaban	20 mg PO daily	100%	15 mg PO daily	Avoid
Apixaban	5 mg PO BID	100%	100% <i>If SCr > 133 umol/L AND older than 80 years OR < 60 kg, reduce to 2.5 mg PO BID</i>	Avoid