



High INR in patient without bleeding	Therapy			
	Considerations	Warfarin	Vitamin K	Measure INR
Supratherapeutic but < 4.5	If the INR is minimally elevated (< 10% above therapeutic range), consider that dose reduction may not be necessary.	Lower or omit the next dose of warfarin. Resume therapy at a lower dose when INR approaches therapeutic range.		
4.5 to 10		Stop warfarin and restart at a reduced dose once INR approaches the therapeutic range	If high bleeding risk*, or INR not falling on re-test, give 2 mg of phytomenadione (vitamin K) [†] orally	Within 24 hours. Closely monitor any INR ≥ 6 as bleeding risk increases exponentially
>10	If high bleeding risk*, consider requesting acute general medicine assessment , noting whether vitamin K has been given.	Stop warfarin and restart at a reduced dose once INR approaches the therapeutic range	If lower risk, give phytomenadione (vitamin K) [†] 2.5 mg to 5 mg orally	In 6 to 12 hours and then daily, until stable
*High bleeding risk: <ul style="list-style-type: none"> ○ A major bleed within the previous 4 weeks ○ Surgery within the previous 2 weeks ○ Platelet count less than 50 x 10⁹/L ○ Known liver disease ○ Active gastrointestinal disorders ○ Concurrent antiplatelet therapy ○ Over-the-counter medications increasing bleeding risk (e.g. NSAIDs) 		†Phytomenadione (vitamin K) <ul style="list-style-type: none"> ○ For full prescribing details, see NZ Formulary – Phytomenadione ○ For oral dosing, use the intravenous preparation. This is well absorbed from the mucous membrane. ○ For small doses, consider using the paediatric ampoule (2 mg/0.2 mL). ○ If higher dose required, use 10 mg/mL ampoule. Vitamin K effect on INR can be expected within 6 to 12 hours.		