

Range of International Normalised Ratio (INR) recommended for specific applications of warfarin therapy

Condition	INR range
Prevention and treatment of venous thromboembolism (VTE)	
First episode of VTE	2.0-3.0
Recurrent VTE whilst anticoagulated and within therapeutic range	3.0-4.0
Antiphospholipid syndrome (APS)	
Atrial fibrillation	2.0-3.0
Myocardial infarction	2.0-3.0
Dilated cardiomyopathy	2.0-3.0
Cardioversion (3 weeks prior and 4 weeks post)	2.0-3.0
Valvular heart disease	
Mitral stenosis/regurgitation	2.0-3.0
Mechanical valves	
Mechanical aortic valve	2.0-3.0
Mitral bioprosthesis valve (first 3 months)	2.0-3.0
High risk mechanical heart valves*: Mitral valve, both aortic and mitral valves, aortic valve with risk factors**	2.5-3.5

*Mechanical valves of Lillehei-Kaster, Omniscience, Starr-Edwards type have high thrombogenicity and a higher target INR of 3.0-4.0 in the absence of patient-related risk factors; target INR 3.5-4.5 in the presence of risk factors

**Patient-related risk factors: mitral, tricuspid or pulmonary valve replacement; previous VTE; AF; left atrial diameter >50mm; left atrial dense spontaneous contrast; MS of any degree; LVEF<35%; hypercoagulable state.

References:

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