Standing Order for Primary Health Care

(Insert Practice Name/Logo)

Warfarin-INR Dose Adjustment Standing Order

Medicine	INR Management/ Warfarin Sodium				
standing order					
Rationale	To improve the safety of warfarin management, by providing				
	anticoagulant control through a nurse-led service, to patients.				
Scope of use	i. Patients who are on long-term warfarin monitoring programme				
(the condition and patient group)	 ii. Patients who have a determined therapeutic range i.e. lower INR- 1.5 to upp INR 4.0 unless otherwise specified by the medical practitioner and documented the FOLLOWING: (delete which is NOT APPLICIABLE) PMS or where relevant, the PATIENTS WARFARIN MONITORING CHART 				
	 iii. Patients who have been initiated on warfarin for the following conditions: Atrial Fibrillation Pulmonary embolism Mural thrombus Patients with high risk of thrombosis 				
Medicine(s)	Warfarin sodium (tablet) Caution: There are two brands of Warfarin Sodium that can be prescribed.				
	The dosages of each medication are different and NOT interchangeable. The two brands are: ■ Marevan [™] (1mg, 3mg and 5mg) which is the more common medication dispensed				
	 Coumadin™ (1mg, 2mg, 5mg) 				
Dosage range/ instructions	 Dose Adjustment: Changes in warfarin dosage may take several days to affect an INR. Therefore, frequent dosage adjustment (<4-5 days' interval) is NOT recommended. Older people are more likely to have a slower response to a dose adjustment. 				
	INR INR Dosage Adjustment 2.0 2.5 3.0 3.5				

	< 1.5	<2.0	Increase weekly dose by 20% and give one time top-up
			additional amount equal to 20% of weekly dose
			Consider concomitant Clexane for those with recent
			DVT/PE (within last 4 weeks)
	1.5-1.9	2.0-2.4	Increase weekly dose by 10%
	2.0-3.0	2.5-3.5	No change
	3.1-3.9	3.6-4.4	No change – recheck in one week. If persistent, decrease
			weekly dose by 10-20%
	4.0- 5.0	4.5-5.0	Omit 1 dose; decrease weekly dose by 10-20% and recheck
			in 2-5 days
	>5.0	>5.0	Patients with an INR higher than the therapeutic range i.e.
			< 5 (without bleeding) are to be discussed with a medical
			practitioner
			Refer to
			https://aucklandregion.healthpathways.org.nz/18972.htm
Route of			
administration	Per Oral		
Exclusions/	Contraind	ication:	
contraindications	 Where the hazard of haemorrhage might be greater than the potential 		
and precautions			
for using this	clinical benefits of anticoagulation.		
medication	 Pregnancy (<u>Teterogenic)</u> 		
	Exclusions	: (patient	s with the following are to be referred to medical
	practitioner for management)		
	• Hy	/persensit	ivity to warfarin
	• Cli	inically sig	nificant bleeding e.g. haematemesis, melena, hematochezia
		gh risk of	
	• Hi	_	haemorrhage, active ulceration
	■ Hi ■ Pa	itients sta	haemorrhage, active ulceration rted on warfarin, yet still require Clexane to reach a
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	 Training includes the attendance of informal/ formal education session on the 				
	INR monitoring and warfarin dose adjustments (e.g. INR testing, over-				
	coagulation)				
Monitoring:	The Issuer of the Standing Order is required to determine whether this standing				
Countersign or		ountersigned or audited (please refer to the MOH 2016 Standing			
audit	Order Guidelines				

		Warfarin anticoagular	at thoragy. The IND is a standardised		
		_	nt therapy. The INR is a standardised		
			ibrated so that INR results from one		
		· ·	comparable with those from another.		
	Warfarin	vitamin K antagonist,	which acts by reducing levels of Factors II		
	Sodium	(Prothrombin) VII, IX a	and X.		
	PMS	Practice Management	System		
Reference	Auckland Regional Health Pathways:				
	https://aucklandregion.healthpathways.org.nz				
	BPAC INR testing https://bpac.org.nz				
	 Medical data sheets: Medsafe www.medsafe.govt.nz 				
		6 (5-1-5)			
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Issued by	Name:		NZMC#		
	Title:		Date		
	Signature:				
			Date:		
RN	RNs named bel	ow agree to the followi			
Responsibilities			g orders from the named issuer can supply		
			he condition that has been assessed as		
	appropriate	e by that RN			
		•	the regulatory requirements for an RN		
		der standing orders mu			
	• The	e competency and train	ing to assess that the standing order applies		
	to t	the presenting patient/	client		
	• The	competency to admin	ister and/or supply the medicine		
	• The	knowledge to assess t	he exclusions/contraindications and		
	precautions				
	A register of the agreed standing order authorisations between the issuer and				
	the registered nurse must be kept by the nurse and the issuer/practice and				
		t least annually or wher			
Registered Nurse	Name:		APC#		
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Registered Nurse	Name:	APC#		
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Registered Nurse	Name:	APC#		
Document	This standing order is valid until it is due to be reviewed			
Control	OR Is replaced by a new Standing Order			
	OR Cancelled by the issuer			
	Issue Date: 29/10/2018 R	eview Date: 29/10/2019 Classification: 0001/1		
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