Treatmo	ent re	commendat	ions do n	ot cover all clinical	scen	arios and d	lo no	ot renlac	e the need for clinical judgement				
Direct Ora  Prescrib  Prior to l  If the pa	I Antico e with ca DOAC in tient is o	agulant Agents are in elderly (> 7 itiation: Record: I	RECOMI (DOACs) – Ap 5 years), unde FBC, Coagulat ntinue warfarir	MENDATIONS FO bixaban, Dabigatran, Rivar sweight (< 50 kg), overweig tion status (INR, aPTT and for and start DOAC when INR	roxabar ht (> 15 PT), ren	RECT ORA n (also known as 60 kg) and patient all and liver funct	AL A s NOA( ats with	NTICO Cs) renal impa	AGULANTS				
• Relei to		Apixaban (Eliquis		Da Idarucizumab is	the rev	ın (Pradaxa®) versal agent for d		tran	Rivaroxaban (Xarelto®)				
• CrCl > 2	5 mL/mi	evention of DVT n: 10 mg twice da g twice daily ther	aily for first	Refer to	local h	ospital guidelines	S.		(Use with caution if CrCL 15 - 29 mL/min)  Treatment and Prevention of DVT/PE:  • CrCl ≥ 30 mL/min: 15 mg twice daily for 3 weeks, then 20 mg once daily  • Seek specialist advice if CrCl 15 - 29 mL/min				
(therapeut Reduce to following ri	tic dose 2.5 mg t sks:	Il Fibrillation ): 5 mg twice dail wice daily IF at le SCr ≥ 133 micror  ☐ Weight ≤ 6	east 2 of the mol/L	Non-Valvular Atria (therapeutic dose • CrCl ≥ 50 mL/mi • CrCl 30 - 49 mL/mi	): n: 150 r	mg twice daily	ng twic	N (t	on-Valvular Atrial Fibrillation herapeutic dose): CrCl > 50 mL/min: 20 mg once daily CrCl 15 - 50 mL/min: 15 mg once daily				
• CrCl > 2	or Knee 5 mL/mi	Replacement n: 2.5 mg twice d vs   Knee: up to 1		VTE prophylaxis: Total Hip or Knee • CrCl > 50 mL/mi • CrCl 30 - 50 mL/ Hip: up to 35 day	n: 220 n min: 15	ng (2 x 110 mg) ( 0 mg (2 x 75 mg)	) once	daily To	TE prophylaxis: otal Hip or Knee Replacement CrCl ≥ 15 mL/min: 10 mg once daily Hip: up to 35 days   Knee: up to 14 days				
								st •	Prevention of cardiovascular events in chronic stable CAD/PVD (in combination with aspirin):  • CrCl ≥ 15 mL/min: 2.5 mg twice daily				
				RECOMMEND									
		Wa	arfarin bra	inds are NOT equiv			t be	used in	terchangeably.				
2 - 3	•		mic embolism:	Preventing DVT: high ris AF valvular heart disease, p	sk patier post MI,	INR RANGE nts e.g. hip or kno , bioprosthetic he	ee sur	rgery Ives (first 3	months)				
2 - 3	<ul> <li>2 - 3</li> <li>Aortic bileaflet mechanical heart valve – if no other risk factors</li> <li>2.5 - 3.5</li> <li>Starr-Edwards mechanical heart valves. Mitral bileaflet mechanical heart valve or aortic if risk factors for thromboembolic event including AF, previous thromboembolism, LV dysfunction, hypercoagulable condition.</li> </ul>												
Record ba: Sugges For you Consider function Consider Disconti	seline Fited initial nger pater smaller, is at high or dose rinue hep	C, coagulation s I dosing of 5 mg of ients (< 60 years) r starting doses with gh bleeding risk on odification in the arin after a minin	tatus (INR, aP daily for first 2 ) consider 7-10 when the patie or has severe of presence of in num of 5 days	ong on day 1 and day 2.  Int is elderly, has low body we honic renal impairment.  Interacting medicines.  Itherapy and INR is 2 or great	d PT) and liver function.  modify dosing for day 3 based on day 3 INR. n day 1 and day 2. derly, has low body weight or abnormal liver renal impairment. ting medicines.  intervention should be restarted on the dose prescription to intervention and check INR day 3.  In acutely ill patients with ongoing warfarin therapy: daily monitoring of INR may be appropriate.  Monitor INR more frequently when any change in treatment involves medicines known to interact with warfarin.								
	linical S						nagen	nent	_				
INR		Bleeding	Warfarin	Vitamin K (seek advice if cardiac valve replacement)		BeriPLEX <sup>3,4</sup>			Comments				
Greater the therapeut range but	ic < 4.5	Absent Reduce dose or omit next dose						Resume warfarin at reduced dose when INR approaches therapeutic range.  If INR <10% above therapeutic level, dose reduction may not be necessary.					
4.5 - 1	10	Absent (Low risk)	Stop					Resume was therapeutic	<u> </u>				
		Absent (High Risk)*	Stop	Consider 1 - 2 mg oral <sup>1</sup> Or 0.5 - 1 mg IV <sup>2</sup>					IR within 24 hours. arfarin at reduced dose when INR approaches the range.				
> 10	)	Absent (Low risk)	Stop	3 - 5 mg oral <sup>1</sup> Or IV <sup>2</sup>				Resume was therapeutic	ŭ				
		Absent (High Risk)*	Stop	3 - 5 mg IV <sup>2</sup>	Dose	ler 15 – 30 Internation Units/kg <sup>3,4,5</sup> e capped at maximu weight of 100kg.		Resume w	R 30 minutes after administration of BeriPLEX. arfarin at reduced dose when INR approaches the range. Close monitoring over the following week.				
Clinically significant bleeding where warfarin is a contributing factor. e.g. Intracranial or massive haemorrhage			Stop	5 - 10 mg IV <sup>2</sup>	Un Dose	<ul> <li>50 International its/kg according to INR 3,4,5,# capped at maximal veight of 100kg.</li> </ul>	g	for critical	X is not available, use Fresh Frozen Plasma (FFP) organ bleeding (15mL/kg).  I, seek consultation with a haematologist /				
		d paediatric IV for riPLEX P/N is equ				bolus over at least / injection at a rate			<sup>3</sup> available from transfusion service nternational Units/kg body weight/minute				
		reatment INR		2 - 3.9			- 6		> 6				
	Internat	mate dose ional Units/kg bo	, ,	25 International Units/k		Internation	35 nal Un		50				
		rsal prior to a pro ling Risk		<u> </u>				ce with Vital	min K (phytomenadione) in cardiac valve replacement.  • Antiplatelet therapy  • Thrombocytopenia				
		ore 🖒	• Advanced	• ,				I bleed	Other relevant co-morbidity				

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					A	\FFI	X PATIEN	IT II	DEI	NTI	FIC	ΑΤΙ	ON	LAE	BEL	HEF	RE A	ND	ov	ERL	EAF	:
Facility/Service: XXX					URN	ΛN:																
Ward/Unit:						Family Name:																
Consultant	t:					Given Name: Address:																
WA An	ticoagu		Medi	icatio	n	DOE								Ger	der	: [	M	[	F	=		
		hart			L									4 st	Droc	orib	or to	nrin	t not	iont	20006	
	ch ADR St			Pati			kg D	ate v	weig	ghed	d/	/ /	/	an	d ch	eck l	abel	corr	ect:	lent i	Idille	,
	lisk consider			ibing an				eted	by (	pres	cribe	er)		_			D	ate:				
Please refer to I	Local Venous Thro	mboembolisr	n Guideline	s for Bleedin	ng Risk Asse	essmen	nt. Caution sho	uld be	cons	idere	d for p	•										
ONCE ON  Date	LY AND TEI		IE (Pres	Dose t	to sign v		n 24 hou	rs o	f or	der	•	scrib	er			Gi	ven by			Т	ime	4
prescribed	(print generic	-			dose		N1 N2		Si	ign				int Na	ne			hecke	ed by	1	iven	
																			<i>&gt;</i>			
REGULAR (Subcutaneou	R DOSE ORI	DERS - F	PROPH	YLACTI weight hep	C DOSE	ES WHs1:	Check	plat	telei	ts a	nd c	oac	gula Cs1)	tion	profi	le be	efore	con	nmei	ncing	į	
YEAR 20					AY AND								1/									
Date	Medicine (Print gener	ric name)																	S/NO			
CrCl mL/min	Route	Dose AND Fr	equency NO\	W enter times	<b>→</b>	-													Continue at Discharge: YES / NO	2 2	days. City	
																			t Discha	S		
	Prophylaxis		Pha	Contact No			Creatinine Platelets												ntinue a	Dispense	Duration:	
Prescriber Sign YEAR 20		Filli	INdille		AY AND										+				Ö	Si C	-   Dul	
Date	Medicine (Print gener	ric name)			AI AND	IVIOIN	IIII <b>7</b>												9			i   
						_													: YES/	đ	_ days. นญ:	조
CrCl mL/min	Route	Dose AND Fr	equency NO\	W enter times	<b>→</b>	-													nue at Discharge: YES / NO	inse YES/NO	uay	CHAR
Indication: VTE	⊥ E Prophylaxis	<u> </u>	Pha	rmacy		(	Creatinine												ue at Di	se YE	ion:	づ
Prescriber Sign		Print	Name	Contact No	).	F	Platelets												Contin	Disper	Pharmacis	
	R DOSE ORI						Check coagulants [D	pla	telet (s])	ts a	nd c	oac	gula	tion	profi	le be	efore	con	nmei	ncing	_ E	MEDICATION
YEAR 20	_				AY AND																_	S
Date	Medicine (Print gene	ric name)																	S/NO	,		ā
CrCl mL/min	Route	Dose AND F	requency NO	W enter times	<b>→</b>	_													ırge: YE	9    -	Date	
	<u> </u>		l pi				0												Continue at Discharge: YES / NO	YES		Z
Indication: Prescriber Sign	I hera	peutic	t Name	Contact No			Creatinine Platelets												ntinue a	bense	Duration:	-ATION
			l Name	Contact No	U		ridlelets												<u> </u>	<u>S</u>	3	K
Pharmaceut	R DOAC MEDIC	INE INTED	ACTIONS	(Phormon)	· Indicate m	nodioin	a and avnost	od in	toroo	tion)								Sign			4	
Details:	N DOAC WEDIC	INE INTER	ACTIONS	(Filalillacy	. IIIuicale II	Heulch	ie aliu expect	eu III	lerac	uon							$\vdash$	Date			$\exists$	AG
	N VARIABL	E DOSE	ORDE		AV AND	MON	TU N														Print Name	Ö
YEAR 20 Dose at admis	nion: Dogo		☐ Not a		AY AND		INR Result								+		+		YES / NO	1 mg	Prin Prin	WA ANTICOAGUI
	revan® or (	mg Coumadin®	□ INOL a	pplicable														9		`	H	Z
Date	Medicine	WARFA	RIN			I	DOSE	mo	ma	ma	ma	ma	ma	ma	ma	ma m	ng mg	ma	YES / NO Dispense	m. σ	gm 2	A
Indication			Rout OR		Dose Tim 16:00 hr	ne	Prescriber												scharge	Marevan Qty: 5 mg OR		3
Target INR		Pharmacy					Telephone order N1/N2												ue at Di e as Dii	an Qty:	an an	<u>.</u>
Prescriber Sign		Prin	t Name	Contac	ct No.	(	Given by											:	Contin	Mareva OR	Coumagin Prescriber sign	
Warfarin Disc				arget INR _			Ouration	_			tINR			II_		Pre	scribe				Presc	MRXXX
	BULANT DISC				Patient has Patient giv		klet eatment plan	_	_		educ			mplete		ormed		GP	faxed	l chart		
Signature:				ation:	•		ate:															
Version 11																						

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Anticoagulation Medication Chart Template.indd 1 7/1/2025 2:05 pm

Attach	Patient	Sticke
/ tttaori	i auciii	Otioito

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REASON FOR NURSES NOT ADMINISTERING Codes MUST be circled									
Absent	(A)	Refused – notify Doctor	R						
Fasting	F	Not Available Obtain supply or contact doctor	$\bigcirc$						
Vomiting	$\mathbf{v}$	Self Administering	$\bigcirc$						
On Leave	L	Withheld  Enter reason in clinical record	$\bigcirc$						

<b>RECO</b>	MME	NDAT	IONS F	OR INTR	RAVENOL	IS UN	FRACTI	ONATE	D HEP	ARIN								
Standard	dilutio	n		50 units / ml	_: dilute 25,00	00 units o	of unfraction	nated hepa	rin in 500 r	nL of 0.	.9% sodi	um chlorid	e or 5%	glucose	,			
Target aP	TT				S: xx - xx sec						athology	Laboratory	for corr	ect aPTT	ranges.			
Monitorin	ng				baseline aPT1				then within	6 hours	of every	rate change	e, othen	wise daily.				
					platelets at ba naematologist i				Induced Th	romboo	cytopenia	(HIT).						
Reversin	g hepar	in treatm	nent		cialist or senio									r bleeding	or where			
				<ul> <li>As a guid</li> </ul>	prior to emerge e: Estimate he s a slow IV pus	parin dos	e received in	n last hour.	Administer	1 mg pr	otamine s	sulfate per 1		s of hepari	n (maxim	num		
				TION OR		he order	(total dose	e, fluid or	volume) is	chang	jed							
Target a				ation: □\			cute Coronary Syndrome (ACS)									Weight:		
Date	Med	dicine	Total d	ose (units)		Fluid		Volume	(mL)	Signa	iture	P	rint Nar	me	Cont	tact		
ŀ	HEPAF	RIN	25,000	units	0.9% SOD	IUM CH	ILORIDE	500 ml	_									
INITIAI	L BOL	US DO	OSE AND	INITIAL	INFUSION	RATE	Presc	riber to c	omplete	ORDE	R							
Date	Baseli	ne	Baseline	Date/Tim	ne Initia	l Bolus	Initial Inf	usion Rate		F	Prescribe	er			Nurse			
Date	aPT	r	Platelets	of dose	e (u	nits)	(mL	/hour)	Signa	ture	F	Print Name		Time N1/N2				
MAINT	ENA	ICE IN	FUSION	RATE CH	IANGES A	ND BO	LUS DO	SES										
Prescribe					to be conta				est									
					aff to adjust						kg colu	ımn						
Date		Prescrib	oer Signature	Э	Print	Name				C	ontact		Pharma	су				
a	PTT te	st					Bolus an	d infusio	n rate ac	lminis	tration							
Date	Time	aPT1	Time	IV Bolus	Bolus	Hold	Time	Hold	Time	111111	Rate	Rate	Р	rescriber	I Pla			
	Taken			(units)	(Sign)	(mins)	Stopped	(Sign)	Started	(mL/	hour)	(Sign)		(Sign)				
			-															
			-															
			-															
			Dete		Time F	)	. Cianatura			Defeat	t Name							
INFUSI	ON C	EASED	: Date/_	l	:	rescribe	r Signature			Print	i Name							
INFUS	ION	BAG	CHANG	ES Nurs	ing staff to do	ocument	each new	bag. Info	usion shou	ld only	be inter	rupted who	en indi	cated by	aPTT.			
Date		ime menced	Checked	Given	Time Completed		e Infused mL)	Date	Time Commend	ed C	hecked	Given		Time mpleted		ume d (mL)		
	20.11					(.	,						331	, <b>.</b>		····-/		
				1		1						l						

Treatment recommendations do NOT cover all clinical scenarios and do not replace the need for clinical judgement.

## INFUSION NOMOGRAM FOR INTRAVENOUS UNFRACTIONATED HEPARIN USE

- Fluid Restricted Patients: A dilution of 25,000 units of unfractionated heparin in 50 mL sodium chloride 0.9% infusion with associated nomogram is available for patients requiring severe fluid restrictions. Please contact your pharmacist for advice. If required, strike out nomogram below and attach Fluid Restricted Nomogram over page 3 of this chart.

INITIAL ORDER: Prescriber should complete order (initial bolus and initial infusion rate) on page 2. See below for recommended dose for Venous Thromboembolism (VTE) or Acute Coronary Syndrome (ACS).

• It is important that a bolus dose of unfractionated heparin is prescribed and administered on initiating an unfractionated heparin infusion to ensure that the therapeutic range is reached within the first 24 hours of therapy.

MAINTENANCE: Prescriber to indicate on page 2 whether nurse should maintain infusion rate based on nomogram as indicated OR whether the prescriber is to be contacted following each aPTT test.

		9 000	a toot.													
	IT IS RECOMMENDED THAT ALL BOLUS DOSES BE DRAWN UP FROM SEPARATE AMPOULES INTO A SYRINGE FOR ADMINISTRATION.															
	Venous Thromboembolism (DVT/PE) Bolus and Initial Rate Requirements															
					Weight Based Guide For Initial Dose											
				Weight	≤ 40 kg	45 kg	50 kg	55 kg	60 kg	65 kg	70 kg	75 kg	80 kg	85 kg	90 kg	≥ 95 kg
	Bolu	s Dose	80 units/kg	Units	3200	3600	4000	4400	4800	5200	5600	6000	6400	6800	7200	7200
	Initia	al Rate	18 units/kg/hour	Rate (mL/hour)	14	16	18	20	22	23	25	27	29	31	32	32
	Acute Coronary Syndrome Bolus and Initial Rate Requirements															
								Weight	Based G	uide For	Initial Do	se				
				Weight	≤ 40 kg	45 kg	50 kg	55 kg	60 kg	65 kg	70 kg	75 kg	80 kg	85 kg	90 kg	≥ 95 kg
	Bolu	s Dose	60 units/kg	Units	2400	2800	3000	3300	3600	4000	4000	4000	4000	4000	4000	4000
Initial Rate 12 units/kg/hour			Rate (mL/hour)	10	11	12	13	14	15	17	19	20	20	20	20	
	Nomo	gram f	or modifying	rate of ac	lminist	ration 1	or Ven	ous Th	rombo	pembo	lism ar	nd Acu	te Corc	nary S	yndro	me
MAI	NTENANCE	ORDER	₹				V	Veight Ba	sed Rate	For Mair	ntenance	Dose				
				Weight	≤ 40 kg	45 kg	50 kg	55 kg	60 kg	65 kg	70 kg	75 kg	80 kg	85 kg	90 kg	≥ 95 kg
	aPTT	Dose Adjustment Use weight column on nomogram and row for aPTT range for mL/hour conversion of unit/kg/hour													ion.	
ш	≤Kk	Bolus dose as per indication (VTE OR ACS listed above) Then increase 3 units/kg/hour			+ 2	+ 3	+ 3	+ 3	+ 4	+ 4	+ 4	+ 5	+ 5	+ 5	+ 5	+ 6
ENANCE	LI - Mm		e 2 units/kg/hour consider 40 units/l	kg bolus dose	+ 2	+ 2	+ 2	+ 2	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 4	+ 4

Slight variances of aPTT ranges may occur due to changes in laboratory reagents used. Please check with your Pathology Laboratory.

-2

-3

-2

-4

-1

-2

-3

-1

-2

-2

- 1

-2

- 3

Remeasure aPTT within 24 hours (or next morning)

-3

- 4

-3

-5

-3

-3

-4

-2

- 3

- 5

-2

**-**4

- 5

-2

- 4

RECOMMENDATIONS FOR SUBCUTANEOUS UNFRACTIONATED HEPARIN (UFH)								
Dosing	VTE prophylaxis: 5000 units bd (0600 & 1800) High Risk Thromboembolism: 5000 units tds (0600,1200,1800)							
Withholding subcutaneous Unfractionated Heparin	<ul> <li>Withhold heparin a minimum of 6 to 8 hours prior to intervention.</li> <li>Interventional (surgical) procedure: may commence prophylactic doses 2 hours after procedure.</li> </ul>							
Monitoring	Full blood count: Measure platelets at baseline and at least twice weekly. Medical review if platelets less than 50 x 109/L.							

## RECOMMENDATIONS FOR LOW MOLECULAR WEIGHT HEPARIN (LMWH)

Preferred administration times for twice daily dosing are 0600 and 1800 hr. Daily thromboprophylaxis should be given in the evening. **Enoxaparin Dosage and Frequency** (Seek specialist advice in patients weighing < 50 kg and > 120 kg)

INDICATION	Normal renal function	Impaired renal function (CrCl < 30 mL/min)				
VTE prophylaxis	40 mg once daily	20 mg once daily or consider alternative				
DVT/PE treatment	1.5 mg/kg once daily OR 1 mg/kg twice daily	1 mg/kg once daily or consider alternative				
Acute Coronary Syndrome/Cardiac Valves	1 mg/kg twice daily	1 mg/kg once daily or consider alternative				

Dalteparin is commonly used for VTE treatment in cancer patients: dose 200 Units/kg daily subcutaneously for 30 days, then 150 Units/kg daily for 5 months. Total daily dose should not exceed 18,000 Units. Dose adjustment is required for renal impairment and thrombocytopenia. See prescribing guidelines.

Monitoring	١.	baseline full blood count and oxes. Measure platelets at baseline and at least twice weekly. Medical review il platelets less than 50 x 10 /E.
	٠	Seek specialist advice for monitoring anti-Xa, dose modification or alternative therapeutic options.
	١.	Consider anti-Xa levels for natients on high doses, and in obese, pregnant, renal impairment and frail elderly natients

- Reversing
- Seek specialist advice as protamine sulfate only partially neutralises low molecular weight heparin. Only consider protamine sulfate if LMWH has been given within the last 12 hours. Overtreatment
  - Check hospital guidelines for more detailed advice on protamine sulfate use. As a guide: Give 1 mg protamine sulfate per 1 mg enoxaparin (maximum 50 mg as a single dose).
  - Administer initial dose (up to 50 mg) by slow IV push (over 10 minutes) and remaining dose by intravenous infusion (maximum infusion rate 5 mg/minute) Reassess the patient and the aPTT in 2-4 hours and consider a repeat dose if the patient is still bleeding or the aPTT remains prolonged.

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Nn - Pp No Change

> Zz

Qq - Rr | Reduce 1 unit/kg/hour

Then reduce 2 units/kg/hour

Then reduce 3 units/kg/hour

Contact doctor Hold 60 minutes

Ss - Tt | Hold 30 minutes