

Risk Assessment for Venous Thromboembolism(VTE) prophylaxis in adults (>18 years old)

Patient
Address
DOB

Weight = _____ Kg
CrCl = _____ mL/min
Platelet count = _____ x10⁹/L

Surgical or medical patients

1) Thrombosis Risk (tick if appropriate):

Active cancer or cancer treatment		Significant reduced mobility for ≥3 days	
Age > 60		Hip or knee replacement	
Dehydration		Hip fracture	
Known thrombophilia		Total anaesthetic + surgical time >90 min	
One or more significant medical comorbidities (eg. heart failure, metabolic, endocrine or respiratory pathologies, acute infectious diseases, inflammatory conditions)		General surgery (including gastro-intestinal, urological, major gynaecological and thoracic surgery) within 7 days, OR patients who have had major cancer surgery in the abdomen or pelvis within 28 days.	
Obesity (BMI>30Kg/m ²)		Less than 6 weeks post-partum	
Personal history of first-degree relative with a history of VTE		Surgery involving pelvis or lower limb with a total anaesthetic + surgical time > 60 min	
Use of oestrogen-containing contraceptive therapy		Surgery with significant reduction in mobility	
Use of hormone replacement therapy		Varicose veins with phlebitis	
Achilles' tendon rupture			

2) Contraindications to pharmacological prophylaxis (tick if appropriate):

Active bleeding		Neurosurgery, spinal surgery or eye surgery	
Concurrent use of anticoagulants		Other procedure with high risk of bleeding	
Acquired bleeding disorders (such as acute liver failure)		Bacterial endocarditis	
Acute stroke (until 15 days post-stroke)		Terminal care or end of life pathway	
Uncontrolled systolic hypertension (≥ 230/120 mmHg)		Untreated inherited bleeding disorders (eg haemophilia and von Willebrand's)	
Thrombocytopenia (platelets <75x10 ⁹ /L)		Known allergy to dalteparin or heparin	

3) Other clinical information, including CT and other imaging results.

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4) Clinical decision (tick if appropriate) – dalteparin is the preferred agent in Powys.

One or more thrombosis risk factors identified – Thromboprophylaxis prescribed:

Medical prophylaxis ☐ Surgical Prophylaxis ☐

Prescribing guide (medical patients or at least 12h after high-risk surgery, CrCl ≥ 15mL/min):
 Contact pharmacist if CrCl<15m/min

Actual body weight (Kg)	<50	50-100	101-150	>150
Dalteparin dose (units)	2,500 OD	5,000 OD	5,000 BD	7,500 BD

Low thrombosis risk **OR** bleeding risk(s) identified – No Thromboprophylaxis required ☐

Name: _____ Signature: _____ Date: _____

5) Follow-up tasks (FOR MINOR INJURIES UNITS ONLY). For all patients with a lower limb cast and any of the above risk factors for VTE and no contraindications should be prescribed dalteparin. Ensure:

	Tick:
Verbal consent obtained.	
Instructions given for dalteparin, as per health board risk assessment.	
Five-day supply provided.	
Sharps bin provided.	
Dalteparin pack with patient details on record sheet.	
Patient information leaflet provided.	
GP letter given to patient and copy sent to GP.	
Copy of risk assessment kept with notes.	