

THE LONDON CLINIC THROMBOSIS SERVICE

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Thrombosis Risk Assessment

Height..... Weight..... BMI..... Ethnicity.....

Step 1: Risk Factors associated with Current Admission

Choose only **one** overall of those listed below to define base-line risk

Score 1	Score 2	Score 5
<input type="checkbox"/> Surgery lasting less than 45 minutes (minor surgery)	<input type="checkbox"/> Surgery lasting more than 45 minutes (major or laparoscopic) <input type="checkbox"/> Previous or proposed confinement to bed (>72 hrs immobility) <input type="checkbox"/> Immobilising plaster cast <input type="checkbox"/> Central venous access	<input type="checkbox"/> Elective major hip or knee arthroplasty <input type="checkbox"/> Hip, pelvis or leg fracture surgery <input type="checkbox"/> Spinal cord injury <input type="checkbox"/> Acute ischaemic stroke <input type="checkbox"/> Major Trauma

BASELINE RISK FACTOR SCORE →

Step 2: Patient associated Risk Factors (additional risk factors)

Score 1 per risk unless otherwise noted

CLINICAL

- Age: 41-60yrs,
- Age 61-70 (2 points)
- age >70 (3 points)
- History of DVT / PE (3 points)
- Nephrotic syndrome
- Travel event >4 hours in previous month
- BMI >30
- Reduced/shortened APTT
- CVA / Paralysis of lower limb
- Pregnancy and Post Partum (< 1 month)
- Pneumonia / acute severe illness
- Myocardial infarction (<3 months)
- Heart Failure (severe)
- Severe COPD / Respiratory failure
- Sepsis / Severe Infection
- Inflammatory bowel disease
- Leg oedema, ulcers, stasis
- Malignancy (localised) (2 points)
- Malignancy (metastatic or advanced) (3 points)
- Recent major surgery (<3 months)
- Varicose Veins
- Post phlebitic limb

DRUG

- Hormonal Therapies (including oral contraceptives and HRT, selective oestrogen receptor modulators)
- Antipsychotics
- Thalidomide
- Chemotherapy

THROMBOPHILIA (3 POINTS each disorder)

Inherited

- Factor V Leiden
- Antithrombin deficiency
- Protein C deficiency
- Protein S deficiency
- Dysfibrinogenemia
- Prothrombin mutation
- Homocysteinemia

Acquired

- Lupus anticoagulant
- Antiphospholipid antibodies
- Myeloproliferative disorder
- Heparin-induced thrombocytopenia
- Hyperviscosity syndrome
- Homocysteinemia

ADDITIONAL RISK FACTOR SCORE →

Step 3. TOTAL RISK FACTOR SCORE (Baseline + additional)

Step 4: Contraindications and Cautions (Please tick)

Pharmacological

Does the Patient have any of the following?	
Active Bleeding	
Bleeding disorder eg Haemophilia	
Thrombocytopenia	
Heparin-Induced Thrombocytopenia	
Bleeding History eg post-dental, post-op excessive	
Abnormal clotting screen (PT, APTT)	
Recent Intraocular or intracranial surgery (2weeks)	
Recent cerebral haemorrhage	
Active intracranial lesions/tumours/monitoring devices	
Uncontrolled Hypertension - systolic BP >200, Diastolic BP >150	
Spinal tap or epidural anaesthesia within 12 hours	
Liver disease	
Known varices	
Peptic ulcer	
Concomitant drug therapy eg aspirin, NSAID, clopidogrel	

Mechanical

Thrombo-embolic Stockings AND Sequential Compression Devices	
Severe arteriosclerosis or other vascular disease	
Massive oedema of legs or pulmonary oedema from congestive heart failure	
Leg conditions in which stockings would interfere eg dermatitis, gangrene, recent skin graft	
Extreme deformity of leg	
Sequential Compression Devices ONLY	
Suspicion of pre-existing DVT <6 months	
Pre-existing DVT 6-12 months (seek medical advice)	

CAUTIONS and CONTRAINDICATIONS
(Please circle)

Pharmacological YES NO Mechanical YES NO

RISK SCORE

Patient Score	Risk Score	Risk Group
	1	Low risk (<5% risk of DVT)
	2	Moderate (10-20% risk of DVT)
	3 or more	High (20-40% risk of DVT)
	>5	Highest (40-80% risk of DVT)

BLOODS

Clotting Screen	
APTT (NR 26-36)	
PT (NR 10-14)	
Full Blood Count	
Platelets (NR 150-400)	

Or
Print and attach

Patient label

Nurse completing: Signature: _____

Print name: _____

Date: _____