

Antenatal and postnatal thromboprophylaxis according to risk

High risk	1	ANY ONE OF <input type="checkbox"/> Pre-pregnancy therapeutic anticoagulation (any reason) <input type="checkbox"/> Any previous VTE plus high risk thrombophilia* [#] <input type="checkbox"/> Recurrent unprovoked VTE (2 or more) <input type="checkbox"/> VTE in current pregnancy (seek expert advice)	Therapeutic anticoagulation <ul style="list-style-type: none"> Continue/commence antenatal Continue 6 weeks postpartum [#] High prophylactic dose may be appropriate												
	2	ANY ONE OF <input type="checkbox"/> Any single previous VTE not provoked by surgery <input type="checkbox"/> Recurrent provoked VTE (2 or more) <input type="checkbox"/> Active autoimmune or inflammatory disorder <input type="checkbox"/> Medical co-morbidity: (e.g. cancer, nephrotic syndrome, heart failure, sickle cell, type I diabetes with nephropathy)	LMWH standard prophylaxis <ul style="list-style-type: none"> From first trimester Continue 6 weeks postpartum 												
	3	IF THROMBOPHILIA <input type="checkbox"/> High or low risk thrombophilia* (no personal history VTE)	Refer to Flowchart: <i>VTE prophylaxis if thrombophilia</i>												
	4	ANY ONE OF <input type="checkbox"/> Antenatal hospital admission <input type="checkbox"/> Ovarian hyperstimulation syndrome (first trimester only) <input type="checkbox"/> Any surgery (pregnancy or postpartum) <input type="checkbox"/> Severe hyperemesis or dehydration requiring IV fluid	LMWH Standard prophylaxis <ul style="list-style-type: none"> While in hospital or until resolves 												
All risk	5	SELECT ALL THAT APPLY Risk Score <small>at every assessment (antenatal or postnatal)</small> <input type="checkbox"/> Family history (1st degree relative) of unprovoked or estrogen provoked VTE 1 <input type="checkbox"/> Single VTE provoked by surgery 3 <input type="checkbox"/> Age > 35 years 1 <input type="checkbox"/> Parity ≥ 3 1 <input type="checkbox"/> Smoking (any amount) 1 <input type="checkbox"/> Gross varicose veins 1 <input type="checkbox"/> Current BMI 30–39 kg/m ² 1 <input type="checkbox"/> Current BMI ≥ 40 kg/m ² 2 <input type="checkbox"/> IVF/ART 1 <input type="checkbox"/> Multiple pregnancy 1 <input type="checkbox"/> Pre-eclampsia in current pregnancy 1 <input type="checkbox"/> Immobility 1 <input type="checkbox"/> Current systemic infection 1 <input type="checkbox"/> Pre-existing diabetes 1 <hr/> <input type="checkbox"/> Caesarean section in labour 3 <input type="checkbox"/> Elective caesarean section 1 <input type="checkbox"/> Prolonged labour > 24 hours 1 <input type="checkbox"/> Operative vaginal birth 1 <input type="checkbox"/> Preterm birth (< 37+0 weeks) 1 <input type="checkbox"/> PPH > 1 L or transfusion 1 <input type="checkbox"/> Stillbirth in current pregnancy 1 <input type="checkbox"/> Caesarean hysterectomy 3	<div style="background-color: #2c5282; color: white; padding: 5px; text-align: center;">Antenatal risk score</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #2c5282; color: white; text-align: center;">ALL</td> <td style="background-color: #c6e0b4;">Mobilise, avoid dehydration</td> </tr> <tr> <td style="background-color: #2c5282; color: white; text-align: center;">3</td> <td style="background-color: #fff9c4;"> LMWH standard prophylaxis <ul style="list-style-type: none"> From 28 weeks </td> </tr> <tr> <td style="background-color: #2c5282; color: white; text-align: center;">≥ 4</td> <td style="background-color: #fff9c4;"> LMWH standard prophylaxis <ul style="list-style-type: none"> From time of assessment </td> </tr> </table> <div style="background-color: #c0392b; color: white; padding: 5px; text-align: center; margin-top: 10px;">Postnatal risk score = antenatal + postnatal score</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #c0392b; color: white; text-align: center;">ALL</td> <td style="background-color: #c6e0b4;">Mobilise early, avoid dehydration</td> </tr> <tr> <td style="background-color: #c0392b; color: white; text-align: center;">2</td> <td style="background-color: #fff9c4;"> LMWH standard prophylaxis <ul style="list-style-type: none"> Until discharge </td> </tr> <tr> <td style="background-color: #c0392b; color: white; text-align: center;">≥ 3</td> <td style="background-color: #fff9c4;"> LMWH standard prophylaxis <ul style="list-style-type: none"> 7 days (or longer if ongoing risk) </td> </tr> </table> <div style="background-color: #f0f0f0; padding: 5px; margin-top: 5px;"> All caesarean sections <ul style="list-style-type: none"> Recommend IPC or SCD until next day </div> <div style="background-color: #b3d9ff; padding: 5px; margin-top: 5px;"> GCS/TED stockings <ul style="list-style-type: none"> Consider for postnatal women until fully mobile Recommend if receiving LMWH </div> <div style="background-color: #fff9c4; padding: 5px; margin-top: 5px;"> Enoxaparin: standard prophylaxis (subcut) <ul style="list-style-type: none"> 50–90 kg 40 mg daily 91–130 kg 60 mg daily 131–170 kg 80 mg daily > 171 kg 0.5 mg/kg </div>	ALL	Mobilise, avoid dehydration	3	LMWH standard prophylaxis <ul style="list-style-type: none"> From 28 weeks 	≥ 4	LMWH standard prophylaxis <ul style="list-style-type: none"> From time of assessment 	ALL	Mobilise early, avoid dehydration	2	LMWH standard prophylaxis <ul style="list-style-type: none"> Until discharge 	≥ 3	LMWH standard prophylaxis <ul style="list-style-type: none"> 7 days (or longer if ongoing risk)
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Sum all risk scores															

* **High risk thrombophilia:** > 1 laboratory thrombophilia, APS, antithrombin deficiency, protein C deficiency, protein S deficiency, homozygous FVL, homozygous prothrombin mutation, compound heterozygous FVL/prothrombin mutation
Low risk thrombophilia: heterozygous FVL, heterozygous prothrombin mutation, antiphospholipid antibodies

APS: antiphospholipid syndrome, **ART:** artificial reproductive technology, **BMI:** body mass index, **FVL:** factor V Leiden, **GCS:** graduated compression stockings, **IPC:** intermittent pneumatic compressions, **IVF:** in-vitro fertilisation, **LMWH:** low molecular weight heparin, **PE:** pulmonary embolism, **PPH:** Primary postpartum haemorrhage, **SCD:** sequential compression device, **SLE:** systemic lupus erythematosus, **TEDS:** thromboembolic deterrent stockings **VTE:** venous thromboembolism, **≥:** greater than or equal to, **>:** greater than

