

AASAQ calf pain

A 21 yr old woman who is 16/40 pregnant presents with a woollen, erythematous, tender right calf. She has no medical problems, takes no medication and her pregnancy is thus far uncomplicated.

1. What is the differential diagnosis? 1 mark

Deep vein thrombosis, cellulitis, muscle sprain. 1 mark for > 1 answer

2. What are your options to investigate her? 1 mark

1 mark for any of U/S, AV1000 etc. No marks if D-Dimer included

3. What are the factors in the history for risk stratification of DVT? 3 Marks

3 marks for full house, 2 marks for most, 1 mark for some of

Recent trauma, surgery, medical illness, or immobilisation from any other cause; especially in the presence of known thrombophilia, previous venous thromboembolism, pregnancy, puerperium, age over 40 years, obesity, varicose veins, oestrogen use, malignancy, heart failure, inflammatory bowel disease, or nephrotic syndrome

4. The patients in whom VTE can be excluded varies from hospital to hospital. Explain this. 3 marks

1 mark hospitals use different test kits

1 mark "sensitivity/specificity"

1 mark "low/medium risk groups" OR "pre-test probability"

5. How would you manage this patient if a DVT was confirmed? Why? 1 mark

1 mark for Heparin. 1 mark for Warfarin is teratogenic, contraindicated in pregnancy.

SIGN Guidelines