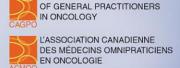


THROMBOSIS CASE

Case #1



THE CANADIAN ASSOCIATION

Thrombosis Case

- 1. A 56-year- old, post-menopausal woman, recently diagnosed with breast cancer is referred for consultation. She has a low-risk node-negative breast cancer that is ER/PR positive, Her2Neu negative. Her only past medical history of significance is that she has been wheelchair confined for the last 5 years after an accident left her paralyzed from the level of T12. An aromatase inhibitor and radiotherapy are recommended.
 - 1. Does she require thromboprophylaxis?
 - 2. What are the risk factors associated with thrombosis?
 - 3. What risk factors for thrombosis are specific to patients with a cancer diagnosis?
 - 4. Would her risks change if she was premenopausal and treated with tamoxifen?
- 2. A 41-year-old man, newly diagnosed with Adenocarcinoma of the colon, is booked for an AP resection. He is a 30 pack-year smoker who is 40 pounds overweight.
 - 1. For what types of surgery in patients with cancer are pre- and post-operative anticoagulants recommended?
 - 2. In the pre- and post-operative setting, what are the advantages and disadvantages of the various types of prophylaxis (i.e. anticoagulants, mechanical)?
 - 3. What risk factors, beyond having a malignancy, increase the risk of thrombosis for patients in the pre-and post-operative setting?
- 3. A 55 year old man receiving adjuvant chemotherapy for Stage 3 Colon Cancer is seen for cycle 4 of adjuvant folfox chemotherapy. He presents with a 24-hour history of painless swelling to the right lower extremity. Doppler ultrasound confirms a clot. He has no complaint of shortness of breath. His physical examination is normal. Oxygen saturation on room air is 95%, vitals are normal.
 - 1. What is appropriate outpatient management for a DVT? (Discuss the role of LMWH and the new oral anticoagulants)
 - 2. Can you continue with his chemotherapy? Would you make any adjustments to his treatment if he was receiving bevacizumab?
 - 3. How is prognosis affected in a patient with cancer who develops a clot?
 - 4. Do any particular tumor types have a higher association with the development of VTE?
 - 5. Would treatment issues be different if he was being treated for metastatic disease?

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