

AVT09 PRE COURSE EXAM PAPER 2

Candidate: _____

You have 2.0 hours to complete this paper

1. Outline the major differences between the commonly used autogenous and synthetic grafts for infrainguinal bypass procedures. Include in your answer information regarding patency rates and surveillance protocols.
2. Compare and contrast the mechanism of action of two commonly used thrombolytic agents. Identify the indications and complications associated with their use.
3. List the steps you would take to minimize the risk of contrast-related nephropathy.
4. Outline your management of a patient who has an uncomplicated carotid endarterectomy who develops an evolving hemiplegia in the territory associated with the operated carotid 24 hours following surgery. The patient had no immediate postoperative neurological deficits.
5. Write brief notes on the management of splenic artery aneurysms.
6. Briefly describe your management of a 23 year old victim of a motor vehicle accident with a compound, comminuted fracture of the tibia and fibula and a viable but cool and pulseless foot in the affected limb. The patient has a closed head injury, significant chest and abdominal injuries and has a blood pressure of 120/60 mmHg with a pulse rate of 140. Include in your answer, the time frame for any interventions you might propose to deal with his pulseless foot.
7. Debate the case *for* and *against* carotid stenting over surgical endarterectomy
8. Discuss the pathogenesis of venous ulceration.