

One year on: Test your knowledge from the previous year

1. What is approximately the prevalence of inadequate health literacy in patients with arterial vascular disease in the study by Strijbos *et al.*?
 - A. 35%
 - B. 45%
 - C. 60%
 - D. 75%
2. Which of the following factors is associated with adverse outcome following Endovascular aneurysm repair (EVAR)?
 - A. The use of infra-renal compared to supra-renal fixated devices
 - B. Operating within Instructions for use
 - C. Female versus Male patients
 - D. High BMI
 - E. Large baseline aortic neck diameter
3. Which of the following statements is correct regarding endothelial dysfunction and graft occlusion?
 - A. Endothelial dysfunction of an implanted bypass graft does not occur in the early postoperative phase. Neointimal hyperplasia is responsible for the late occlusion of the bypass graft.
 - B. Minor endothelial dysfunction of the implanted bypass graft is occurs early in the postoperative phase. Neointimal hyperplasia is responsible for the early occlusion of the bypass graft.
 - C. Moderate endothelial dysfunction of the implanted bypass graft is occurs early in the postoperative phase. Neointimal hyperplasia is responsible for the late occlusion of the bypass graft.
 - D. Neointimal hyperplasia is responsible for the early occlusion of a bypass graft.
 - E. The endothelial dysfunction of the implanted bypass graft is an important cause of acute and intermediate vein graft failure and may affect the late patency of the vascular grafts and the long-term success of the surgical procedure.
4. The most common cardiovascular complication following vascular surgery and influencing 1-year mortality is:
 - A. Deep venous thrombosis
 - B. Myocardial injury
 - C. Myocardial Infarction
 - D. Stroke
 - E. Sudden cardiac death
5. What was the percentage of patients treated with endovascular aneurysm repair (EVAR) for a ruptured abdominal aortic aneurysm for the 11 participating Vascunet countries for 2010–13?
 - A. 13.1%
 - B. 23.1%
 - C. 33.1%
 - D. 43.1%
 - E. 53.1%
6. Unilateral reconstruction of blood supply to the external carotid artery (ECA) is regarded optional and subjected to considerable debate among leading experts. Which symptom is caused by an acute occlusion of the ECA?
 - A. Contralateral stroke
 - B. Ipsilateral amaurosis fugax
 - C. Delayed wound healing
 - D. Mandibular claudication
 - E. Hypothyroidism

- 7. Which factor is traditionally associated with non-attendance for abdominal aortic aneurysm screening**
- Married men
 - Low socio-economic class
 - Short distance to the screening location
 - Recent diagnosis of ischemic heart disease
 - Existing use of antihypertensives
- 8. This unique population-based economic analysis of arterial disease reveals that:**
- The outcome following emergency peripheral arterial events is poor with high economic cost particularly for patients with diabetes and those requiring major amputation
 - Hospital care costs are similar across the spectrum of emergency arterial events
 - Hospital care costs are lower than those following Stroke and myocardial infarction
 - Acute visceral ischaemia has both the worse outcome and highest overall health care cost
 - Intervention and revascularization is more costly than major amputation
- 9. With regard to positron emission tomography (PET), which one of the following it true?**
- PET scanning is a cheap and widely available investigation
 - PET is comparable with CT imaging when used to determine extent of arterial atheromatous disease
 - Pet scanning uses thallium as the isotope of choice
 - One of the major limitation of PET for vascular disease has been that, until recently, the isotope needed to be produced on site in a cyclotron
 - PET scanning utilises changes in metabolism to detect abnormalities of perfusion – with the typical fluorine-18 isotope
- 10. What was the rate of complete aortic remodelling at the stent grafted and bare-metal stented level in the study of acute type B aortic dissection by Faure *et al*?**
- 50%
 - 70%
 - 80%
 - 90%
 - 100%
- 11. Which of the following statement is correct?**
- One of the most important aims of the International Consortium of Vascular Registries (ICVR) is to help harmonize cross-border registry-based research
 - Randomized controlled trials remain the best study design to conduct quality improvement in clinical practice
 - The ICVR is a research collaboration limited to countries from Western Europe
 - The Delphi approach is usually used to collect real-world-data in vascular medicine
 - The Likert scale usually contains just two choices: Yes or No

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Answers from previous issue (July 2019) 1B, 2A, 3C, 4C, 5C, 6C, 7B, 8C, 9D, 10D, 11D, 12D