

One year on: Test your knowledge from the previous year

- 1. The echo-colour-doppler spectrum obtained by a single gate analysis of a perforating vein is limited by:¹**
 - A. The vessel tortuosity
 - B. The vessel length
 - C. The vessel depth
 - D. The patient age
 - E. The proximity with an artery
- 2. According to the latest ESVS guidelines, which of these strategies is recommended (Class I A) for asymptomatic patients with carotid stenosis < 60%? (CAS = carotid artery stenting; CEA = carotid endarterectomy; BMT = best medical treatment)²**
 - A. CAS
 - B. CEA
 - C. CAS + BMT
 - D. BMT
 - E. CEA + BMT
- 3. In an experimental model of chronic venous hypertension, based on external iliac vein ligation, how many weeks after vein ligation are significant changes observed in microcirculation?³**
 - A. 2
 - B. 4
 - C. 6
 - D. 8
 - E. 10
- 4. What statement best describes physical activity and its relationship to cognitive function in patients with symptomatic peripheral arterial disease in the study by Cavalcante et al.?⁴**
 - A. Physical activity is not associated with better cognitive function in patients with PAD.
 - B. Light physical activity is positively associated with better cognitive function in patients with PAD.
 - C. Light physical activity is positively associated with better memory function in patients with PAD.
 - D. Moderate-to-vigorous physical activity is positively associated with better memory function in patients with PAD.
 - E. Moderate-to-vigorous physical activity is positively associated with better executive function in patients with PAD.
- 5. In which of the following subgroups of elderly patients is the prevalence of abdominal aortic aneurysm higher than in the general elderly population?⁵**
 - A. Diabetics and smokers
 - B. Smokers and patients with previous myocardial infarction
 - C. Patients with previous myocardial infarction and hyperlipidaemia
 - D. Subjects with hyperlipidaemia and with hypertension
 - E. Subjects with a family history of cardiovascular diseases and a history diabetes mellitus
- 6. The use of an attending surgeon as an assistant during open AAA repair is associated with:⁶**
 - A. Improved mortality in all cases
 - B. Improved mortality only in cases with low-volume surgeons
 - C. Improved mortality only in cases with low-volume hospitals
 - D. Improved mortality only in cases with high-volume assistant-surgeons
 - E. No change in mortality, regardless of volume-status of lead or assistant surgeon

- 7. Current evidence suggests that the gold standard treatment for patients with chronic limb threatening ischaemia is?**⁷
- Plain Balloon Angioplasty
 - Primary Bare Metal Stent
 - Covered Stent
 - Bypass Surgery
 - Drug Coated Balloon
- 8. AKI after endovascular aneurysm repair (EVAR) is:**⁸
- Estimated to be around 20% to 25% in the elective setting
 - Not associated with length of stay
 - Independent of dialysis rates after EVAR
 - Predicted by the amount of contrast required during an EVAR
 - Not associated with peri-operative mortality
- 9. Concerning re-interventions after repair of a ruptured abdominal aortic aneurysm:**⁹
- Occur at the highest rate after the first 90 days
 - Re-interventions for limb ischaemia are uncommon in the first 90 days
 - After the first 90 days, no major re-interventions are necessary
 - The severity of re-interventions is viewed differently by patients and clinicians
 - Amputations and graft infections are more common after endovascular repair
- 10. One of the following statements was not part of the Belmont Report**¹⁰
- Defined boundaries between clinical practice, research and innovation
 - Defined the Oath of Hippocrates as a legal document
 - Described how to protect the autonomy of the patient
 - Stated the need for informed consent
 - Declared that researchers must be truthful and conduct no deception

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- Fixation: Pilot/Feasibility Randomised Controlled Study (HYDRA Pilot Trial). *Eur J Vasc Endovasc Surg* 2018;**55**:648–56.
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 - 10 Gloviczki P. ESVS Volodos Lecture: Innovations and the Hippocratic Oath. *Eur J Vasc Endovasc Surg* 2018;**55**:605–13.

Answers from previous issue (April 2019)

1C, 2C, 3E, 4B, 5D, 6A, 7E, 8B, 9C, 10C