

## One year on: Test your knowledge from the previous year

### 1. What is the DASH questionnaire for?<sup>1</sup>

- A. It is a self-reported questionnaire that rates difficulty and interference with daily life.
- B. It is an instrument that only identifies neurological deficits.
- C. It is an instrument that only identifies musculoskeletal deficits.
- D. To evaluate trauma mechanism.
- E. It is an instrument that identifies vascular deficits.

### 2. The main modifiable risk factor for AAA is:<sup>2</sup>

- A. Blood pressure
- B. Hypercholesterolemia
- C. Atherosclerosis
- D. Diabetes Mellitus
- E. Tobacco

### 3. What was the main factor associated with TEVAR device mal-positioning identified in the study by Mourad et al.?<sup>3</sup>

- A. Calcification degree of iliac artery
- B. Type of stent-graft used
- C. Aortic tortuosity index
- D. Aortic angulation around the deployment zone
- E. The pathological indication for intervention

### 4. What metabolites can identify stable from unstable atherosclerotic plaques?<sup>4</sup>

- A. carnitines
- B. glycerophosphoinositols
- C. amino acids
- D. carnitines and glycerophosphoinositols
- E. carnitines and amino acids

### 5. Which of the following investigations would suggest a patient has iliac endofibrosis?<sup>5</sup>

- A. A web in the external iliac artery on intravascular ultrasound
- B. Beaded appearance of the external iliac artery on angiography
- C. Compression of the iliac artery on CT scanning at the inguinal ligament
- D. A 40mmHg pressure drop of ankle pressure following exercise
- E. Hyperaemic waveforms on Duplex ultrasound in the external iliac artery immediately following exercise

### 6. Is abdominal aortic aneurysm (AAA) a genetic disease?<sup>6</sup>

- A. Yes, it is a genetic disease with a single gene responsible for the development of AAA.
- B. Yes, it is a genetic disease with more than one gene responsible for the development of AAA.
- C. It is a multifactorial disease caused mainly by genetic factors, but comorbidities like hypertension and habits like smoking also play a role.
- D. It is a disease caused by comorbidities like hypertension and habits like smoking. Genetic factors are not important.
- E. It is unknown what causes AAA.

### 7. Which of the following is the main benefit of using the Endologix AFX for treatment of aorto-iliac occlusive disease?<sup>7</sup>

- A. It allows for recreation of the native bifurcation facilitating up-and-over future interventions
- B. It has excellent radial strength and rarely requires adjunctive stenting to achieve technical success
- C. It can be deployed successfully even in TASC D lesions in 50% of cases
- D. It carries significant risk of rupture which can be fatal
- E. It results in limb occlusions in 30% of cases.

**8. Gene expression profiling of specimens may be best performed with which of the following modalities?<sup>8</sup>**

- A. Mass spectrometry and proteomics
- B. PCR alone
- C. Microarray and qPCR
- D. Microarray alone
- E. Gel electrophoresis

**9. By which of the following can the *in-vivo* haemodynamic performance of a stocking best be quantified?<sup>9</sup>**

- A. Interface pressure measurements
- B. Duplex ultrasound
- C. Air-plethysmography
- D. The venous drainage index
- E. A questionnaire before and after exercise

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**Answers from previous issue (June 2017)**

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