



The Journal of the American Osteopathic Association

The purpose of this quiz is to provide a convenient means for osteopathic physicians to assess their understanding of the scientific content in the May 2016 issue of *The Journal of the American Osteopathic Association (JAOA)*.

To apply for 2 Category 1-B continuing medical education (CME) credits, AOA members may take this quiz online at <https://www.osteopathic.org/docmeonline>, where this and other JAOA quizzes can be accessed. Quizzes that are completed online will be graded and credited to members' CME activity reports.

Alternatively, osteopathic physicians can complete the quiz below and mail it to the following address by November 31, 2017:

American Osteopathic Association
Division of CME Policy & Accreditation
142 E Ontario St
Chicago, IL 60611-2864
Fax: (312) 202-8202
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For each of the questions below, place a checkmark in the box provided next to your answer so that you can easily verify your answers against the correct answers, which will be published in the June 2016 issue of the JAOA.

Effectiveness of Home Blood Pressure Monitoring Among Low-Income Adults in Rural Appalachia

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and Sharon Casapulla, EdD

1. In this study, a home blood pressure monitoring program was initiated and baseline levels were recorded. After how many follow-up visits was a significant reduction in blood pressure seen?

- (a) 2
 (b) 3
 (c) 5
 (d) 7

2. Which of the following variables were significantly related to systolic blood pressure:

- (a) general stress level and depression
 (b) general stress level, depression, and marital status
 (c) depression and marital status
 (d) general stress level and marital status

Premedical Students' Attitudes Toward Primary Care Medicine

Elizabeth A. Beverly, PhD;

Delia A. Wietecha, BS;

Kelly Nottingham, MPH;

Laura J. Rush, DVM, PhD; and

Timothy D. Law Sr, DO, MBA

3. In this study, premedical students believed several common misconceptions about primary care medicine. Which of the following statements reflects a misconception the students agreed with:

- (a) Primary care physicians provide less comprehensive care than specialists.
 (b) Primary care physicians make more money than hospitalists.
 (c) Primary care physicians are not needed in the future.
 (d) Primary care physicians spend a lot of time diagnosing colds, ear infections, etc.
 (e) Primary care physicians do not focus on the whole patient.

4. Premedical students who were currently seen by a primary care physician were more likely to agree with which statement?

- (a) Primary care physicians will always have a job.
 (b) Primary care physicians receive the same amount of training as other specialists.
 (c) Primary care medicine is diagnostically challenging.
 (d) both a and c
 (e) all of the above

Growing Research Among Osteopathic Residents and Medical Students: A Consortium-Based Research Education Continuum Model

Grace D. Brannan, PhD

5. Why are residency programs challenged in creating a research culture?

- (a) residents' low interest
 (b) lack of protected time
 (c) low-level research skills
 (d) all of the above

Intact Cornual Ectopic Pregnancy and Dermoid Cyst With Intraoperative Rupture

Daniel Martingano, DO, and
Francis X. Martingano, MD

6. Where in the uterine cavity does a cornual ectopic pregnancy implantation occur?
- (a) upper and medial portions
 - (b) proximal intramural portion
 - (c) upper and lateral portions
 - (d) distal intramural portion

Transient Ischemic Attack After Foam Sclerotherapy in a Woman With a Patent Foramen Ovale

Michael Kim, OMS III;
Mehrdad Niroumandpour, OMS III;
and Brian Poustinchian, DO

7. A 45-year-old woman with a history of chronic venous insufficiency presents to the office with complaints of pain and swelling of the lower extremities. On physical examination, varicose veins are appreciated on her calves. She has no other significant medical history or allergies to any medications. If the patient wishes to undergo sclerotherapy, which formulation is the criterion standard?
- (a) foam sclerotherapy
 - (b) liquid sclerotherapy
 - (c) glue sclerotherapy

8. A 55-year-old man presents to the office complaining of leg swelling and varicose veins despite conservative management for 6 months. He wonders whether sclerotherapy is a possible option to manage his condition. Which of the following is a contraindication and would put the patient at risk if he underwent treatment?
- (a) history of deep vein thrombosis
 - (b) hypertension
 - (c) coronary artery disease
 - (d) obesity

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