



This test offers the opportunity to assess your knowledge and retention of the information presented in the articles in this issue. Physicians who complete the quiz will receive a statement from Dalhousie University, Continuing Medical Education indicating their participation and their score.

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Each quiz may be submitted only once for consideration and must be submitted within six months after the date of issue.

Correct answers will be published in the journal six months after the quiz appears.

SELECT THE BEST ANSWER(S) FOR EACH OF THE FOLLOWING

1. *Migraine headaches effect which group more frequently?*

- a) Males
- b) Females

2. *Migraine headaches may include which of the following characteristics?*

- a) Unilateral location.
- b) Pulsating quality.
- c) Moderate or severe intensity.
- d) Aggravated by routine physical activity.
- e) At least two of the above.

3. *In the GEM study, what percentage of individuals suffered from both migraine with aura and migraine without aura?*

- a) 5.7%
- b) 9.3%
- c) 13.1%
- d) 17.9%

4. *An aura may be visual, sensory or motor and may proceed, accompany or follow the headaches phase.*

- a) True
- b) False

5. *Although the exact cause of migraine remains unknown, the therapeutic potential for triptans relates to their unique ability:*

- a) To inhibit pain transmission along trigeminal sensory neurons.
- b) To cause vasodilatation of cerebral vessels.
- c) To inhibit pain transmission within the trigeminal nucleus.
- d) A & C above.
- e) All of the above.

6. *Triptans are relatively contraindicated and should not be offered to:*

- a) Patients with coronary artery disease.
- b) Patients with Prinzmetal's angina.
- c) Patients with Raynaud's syndrome.
- d) Migraineurs with prolonged aura.
- e) All of the above.

(Acute Migraine; page 70)

7. *Which of the following should be investigated in resistant hypertension?*

- a) The use of over-the-counter NSAIDs.
- b) Alcohol binges.
- c) Excessive salt intake.
- d) Elevated blood glucose.
- e) All of the above.

8. *The potential symptoms of renal artery stenosis include which of the following:*

- a) Abrupt onset or rapid progression of hypertension.
- b) A rise in serum creatinine on the ACE inhibitor.
- c) A history of atherosclerotic vascular disease
- d) A & B above.
- e) All of the above.

9. *Primary aldosteronism should be suspected if there is spontaneous hypokalemia in the absence of diuretics therapy.*

- a) True
- b) False

10. *If one suspects a pheochromocytoma one should arrange a 24-hour urine collection, in a bottle containing acid, measuring volume and which of the following:*

- a) Metanephrines.
- b) Total catecholamines.
- c) Creatinine.
- d) B & C above.
- e) All of the above.

(*"Resistant" Hypertension; page 78*)

11. *The clinical manifestation of hirsutism, acne and irregular periods in PCOS is a result of:*

- a) Hyperinsulinemia.
- b) Insulin binding to the IGF-1 receptor of the ovary augmenting ovarian secretion of androgens.
- c) Insulin inhibiting hepatic synthesis of androgen carrier proteins specifically SHBG and IGFBP-1.
- d) All of the above.

12. *Clinical manifestation of endometrial hyperplasia and irregular menses is postulated to be a result of an abnormality at the hypothalamic-pituitary level whereby increased LH pulse amplitude and frequency results in persistently elevated serum LH compared to FSH.*

- a) True
- b) False

13. *Which of the following tests is not necessary in investigating adolescents for PCOS?*

- a) Total testosterone and free testosterone.
- b) Prolactin.
- c) Serum estrogen.
- d) TSH.
- e) Fasting glucose and insulin levels.

(*Polycystic Ovary Syndrome; page 61*)

Please indicate your answers on the attached quiz reply form and mail to:
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