

CME QUESTIONS: TEST #059902S

The Johns Hopkins University School of Medicine designates this continuing medical education activity for 2 credit hours in Category 1 of the Physician's Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that he or she actually spends on the educational activity. Credits are available until the expiration date of February 28, 2001.

Instructions

After reading this Special Report, select the best answer to each of the following questions. At least seven of the 10 answers must be correct to receive CME credit. Estimated time for this activity is 2 hours.

1. The proportion of the population having at least one migraine headache in their lifetime is:

- a) 2%
- b) 5%
- c) 10%
- d) 16%
- e) 37%

2. Disease management is a treatment strategy that may be appropriate for migraine patients because:

- a) it emphasizes preventing acute attacks of a chronic condition
- b) it offers the potential for reduced overall costs
- c) similar programs for chronic diseases like asthma have proved themselves
- d) the highest-acuity patients can be identified/targeted within managed care systems
- e) all of the above

3. Migraine is a chronic disease that typically lasts for approximately:

- a) 3 years
- b) 5 years
- c) 10 years
- d) 15 years
- e) 27 years

4. For newer therapies such as dihydroergotamine nasal spray and 5-hydroxytryptamine agonists the efficacy rate in reducing acute migraine headache pain is:

- a) 30% to 50%
- b) 40% to 60%
- c) 50% to 60%
- d) 60% to 80%
- e) 95% to 98%

5. The main priority in the current long-term treatment for most migraine patients today can be described as:

- a) reducing the frequency, duration, and severity of attacks
- b) preventing major neurological complications such as stroke
- c) curing the underlying pathophysiologic cause of the disease
- d) ruling out potential diagnoses such as brain tumors
- e) providing cost-effective and curative prophylactic therapy

6. The largest societal economic return on investment in improved migraine therapy may be provided by reductions in:

- a) overall pharmaceutical costs
- b) costs for emergency room visits
- c) indirect costs such as lost productivity and work time
- d) expenses related to referrals to specialists
- e) costs of diagnostic testing and imaging

(CME QUESTIONS CONTINUED ON FOLLOWING PAGE)

CME TEST FORM		(PLEASE PRINT CLEARLY)	
AJMC Test #059902S	Please circle your answers:	Name	_____
Clinical and Therapeutic Advances in Migraine Management: A Managed Care Perspective	1. a b c d e	Address	_____
	2. a b c d e	City	_____
	3. a b c d e	State/ZIP	_____
	4. a b c d e	Phone #	_____
	5. a b c d e		
	6. a b c d e		
	7. a b c d e		
(Test valid through February 28, 2001. No credit will be given after this date.)	8. a b c d e		
	9. a b c d e		
	10. a b c d e		
		Please enclose a check for \$10, payable to American Medical Publishing, and mail with this form to: THE AJMC CME Test American Medical Publishing 241 Forsgate Drive Jamesburg, NJ 08831	

PROGRAM EVALUATION

Johns Hopkins University School of Medicine would like to have your opinion. Please fill out the questionnaire below, tear off along the dotted line, and mail along with your CME test form. We thank you for your evaluation, which is most helpful.

On the whole, how do you rate the information presented in the article?

excellent good fair poor

Is the information presented useful in your practice?

yes no

Comments:

Do you have recommendations to improve this program?

yes no

Comments:

Were any portions of this program unsatisfactory or inappropriate?

yes no

If so, which?

Do you find the information presented in these articles to be fair, objective, and balanced?

yes no

Is there subject matter you would like included in the future?

yes no

Comments:

In your opinion, were the authors biased in their discussion of any commercial product or service?

yes no

Comments:

Program Evaluation

Physician Name

Address

City, State, ZIP

Specialty

(CME QUESTIONS CONTINUED FROM PREVIOUS PAGE)

7. Migraine has been associated with:

- a) depression
- b) borderline personality disorder
- c) substance abuse
- d) anxiety
- e) all of the above

8. The nasal form of administration for anti-migraine agents is often preferred for patients with severe migraine because:

- a) gastrointestinal absorption of oral products may be erratic in these patients
- b) nasal products are inherently less expensive
- c) the half-lives of intranasal drugs are shorter
- d) intranasal antimigraine agents avoid coronary side effects
- e) nasal formulations are better suited to prophylactic therapy

9. Sumatriptan acts to relieve migraine pain by:

- a) targeting the cranial blood vessels involved in headache
- b) slowing the entire pattern of brain wave activity
- c) blocking release of cerebrovascular prostaglandins
- d) targeting specific neurotransmitter receptors
- e) a diverse combination of nonspecific vascular and neurological activities

10. A multidisciplinary approach to care for migraine patients, including biobehavioral therapy, may be most cost effective and appropriate:

- a) In high-acuity patients or those with intractable pain
- b) as initial treatment to prevent development of chronic headaches
- c) In schools and workplaces
- d) In patients with perimenstrual migraine
- e) In hospital settings

*Clinical and Therapeutic Advances in Migraine Management:
A Managed Care Perspective*

GOAL

To provide comprehensive and up-to-date information concerning the clinical, economic, managed care, and psychological aspects of migraine management.

TARGET AUDIENCE

This activity is designed for physicians in primary care and neurology, managed care decision makers, healthcare policy planners, and pharmacy and therapeutics committee members.

LEARNING OBJECTIVES

Upon completion of this educational CME supplement, the participant should be able to:

- Describe the epidemiology of migraine.
- Identify the appropriate diagnostic and treatment patterns for patients with headache.
- Identify the 3 most common mistakes in treating the headache patient.
- Describe the economic impact of migraine on society and healthcare organizations.
- Explain the varying approaches managed care organizations take in managing patients with migraine.
- Evaluate the psychological impact of migraine on the patient.

CONTINUING MEDICAL EDUCATION ACCREDITATION

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The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

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This CME activity has been produced under the direct supervision of Brian E. Mondell, MD, Assistant Professor of Neurology, Johns Hopkins University School of Medicine, and Constance Johnson, MD, Associate Professor of Neurology, Johns Hopkins University School of Medicine.