

CME Program Evaluation and Posttest Answer Sheet

EPILEPSY AND OVARIAN HORMONES

To receive CME credit, please follow the steps below.

- Read the monograph and answer the questions in the CME Posttest
- Transcribe your answers to the Answer Sheet
- Complete the Participant Information and Program Evaluation
- Mail or fax to: Emory University School of Medicine
Continuing Medical Education & Biomedical Media
1462 Clifton Road NE, Suite 276
Atlanta, GA 30322
Fax: 404/727-5667

Certificates will be mailed to the address listed below; please allow 3 weeks for processing. **Participants who answer 70% or more of the questions correctly will receive credit.**

Release Date: May 2005

End Date: May 31, 2008

Participant Information (Please print.)

Name: _____ Specialty: _____

Institution: _____

Street: _____

City: _____ State: _____ ZIP: _____

Telephone: _____ Fax: _____

E-mail: _____ Signature: _____
(All information is confidential.) (I certify that I have completed this CME activity as designated.)

Program Evaluation

Circle the letter that best reflects your opinion of the following statements, using the following rating scale:

Program Rating: 1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree

- | | | | | | |
|--|---|---|---|---|---|
| 1. The monograph objectives were fully met. | 1 | 2 | 3 | 4 | 5 |
| 2. The method of presentation was satisfactory and appropriate. | 1 | 2 | 3 | 4 | 5 |
| 3. The information provided was satisfactory and appropriate. | 1 | 2 | 3 | 4 | 5 |
| 4. The monograph has enhanced my professional effectiveness. | 1 | 2 | 3 | 4 | 5 |
| 5. The monograph will change the way I practice. | 1 | 2 | 3 | 4 | 5 |
| 6. The material was presented at an acceptable level of expertise. | 1 | 2 | 3 | 4 | 5 |

The program was unbiased and nonpromotional. ___ Yes ___ No If no, please explain: _____

Estimated time to complete this program was _____

CME Posttest

For each question, circle the correct answer. After you have completed the posttest, please transcribe your answers to the Answer Sheet.

1. Enzyme-inducing AEDs, such as phenobarbital, phenytoin, and carbamazepine, may have which of the following effects on contraception?
 - a. They can increase the failure rate of orally administered hormonal contraception only.
 - b. They can increase the failure rates of oral, subdermal, and intramuscularly administered hormonal contraception.
 - c. They can decrease the failure rate of hormonal contraception.
 - d. They have no effect on hormonal contraception.
2. Which of the following menstrual cycle characterizations are characteristic of catamenial epilepsy?
 - a. Premenstrual seizure exacerbations
 - b. Seizure exacerbations at ovulation
 - c. Seizure exacerbations during the entire 2 weeks prior to menses (luteal phase)
 - d. Any of the above
3. What increase in catamenial seizure frequency is proposed as the standard cut-off for a catamenial epilepsy diagnosis?
 - a. 1.5-fold
 - b. Twofold
 - c. Threefold
 - d. Fourfold
4. Increased levels of gonadal steroids may likely contribute to catamenial epilepsy by
 - a. Causing sedation.
 - b. Influencing serum concentrations of AEDs.
 - c. Causing water retention.
 - d. Causing weight gain.
5. A diagnosis of catamenial epilepsy should be made after how many cycles display a catamenial pattern of seizure exacerbation?
 - a. 1
 - b. 2
 - c. 2 of 3 consecutive
 - d. 3 of 4 consecutive
6. The enzyme 5α -reductase is involved in the metabolism of which ovarian hormone(s)?
 - a. Only estrogen
 - b. Only progesterone
 - c. Only testosterone
 - d. Both progesterone and testosterone
7. Clinical evidence suggests that complex partial seizures of temporal lobe epilepsy occurring on the left side of the brain may be associated with
 - a. Polycystic ovaries
 - b. Hypogonadotropic hypogonadism
 - c. Both polycystic ovaries and hypogonadotropic hypogonadism
 - d. Hypothalamic amenorrhea
8. According to Table 4, which AED inhibits the cytochrome P-450 system?
 - a. Phenytoin
 - b. Valproic acid
 - c. Carbamazepine
 - d. Phenobarbital
9. The likelihood of seizures appears to be increased by the actions of estrogen to increase dendritic spines and axospinous synapses on pyramidal cells in which brain structure?
 - a. Thalamus
 - b. Hippocampus
 - c. Cerebellum
 - d. Basal ganglia
10. The progesterone metabolite $3\alpha,5\alpha$ -THP appears to reduce ictal activity by acting on which type of receptor?
 - a. Serotonin
 - b. Dopamine
 - c. GABA_A
 - d. GABA_B

Answer Sheet (Please circle the correct answer.)

1. a b c d
2. a b c d
3. a b c d
4. a b c d
5. a b c d
6. a b c d
7. a b c d
8. a b c d
9. a b c d
10. a b c d

Additional Comments:



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