

Posttest

Instructions

Participants may receive up to 5.5 hours of Category 1 credit toward the American Medical Association Physician's Recognition Award by reading the material in this Supplement and correctly answering at least 70% of the questions in the posttest that follows.

1. Read each question carefully and circle the answer on the Registration Form.
2. Type or print the registration information in the spaces provided, and complete the evaluation.
3. Send the form to the address or fax number listed on the Registration Form.
4. For a credit certificate to be issued, answers must be postmarked by the deadline shown on the CME Registration Form.

All replies and results are confidential. Answer sheets, once graded, will not be returned. Unanswered questions will be considered incorrect and so scored. The Physicians Postgraduate Press, Inc. Office of Continuing Medical Education will keep only a record of participation, which indicates the completion of the activity and the designated number of Category 1 credit hours that have been awarded. Correct answers to the quiz will be made available to the participants of this activity upon request after the submission deadline.

Accreditation Statement

Physicians Postgraduate Press, Inc. is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians.

1. **Ziprasidone is principally metabolized by:**
 - a. Cytochrome P450 (CYP) 2D6
 - b. Aldehyde oxidase
 - c. CYP 1A4
 - d. Deacetylation
2. **Norclozapine is:**
 - a. An inactive metabolite of clozapine
 - b. A potent norepinephrine reuptake inhibitor
 - c. Toxic to hematopoietic precursor cells at serum concentration 3 to 6 times the normal concentration for clozapine
 - d. A carboxylic acid
3. **Which of the following statements about neuroleptic malignant syndrome (NMS) is true?**
 - a. No cases of NMS have been reported with clozapine.
 - b. NMS does not occur with atypicals and can be forgotten.
 - c. NMS has been associated with atypicals, but may occur at a reduced rate.
 - d. NMS can be effectively treated with atypicals.
4. **Which of the following statements about tardive dyskinesia (TD) is true?**
 - a. The incidence of TD is greater with atypicals compared with typicals.
 - b. The incidence of TD is greater with clozapine than with other atypicals.
 - c. Withdrawal of clozapine always worsens TD.
 - d. The incidence of TD is greater with typicals compared with atypicals.
5. **The most stringent clinical test of a drug's potential for inducing involuntary movement disorders is:**
 - a. The incidence of NMS associated with its use
 - b. Its ability to reverse catatonia
 - c. Its ability to suppress TD
 - d. Its effect on motor symptoms in patients with Parkinson's disease
6. **Syncope is one of the main warning signs that cardiovascular side effects are occurring.**
 - a. True
 - b. False
7. **Long QT syndrome:**
 - a. Is always genetically transmitted
 - b. Is always acquired
 - c. Can be either genetically transmitted or acquired
 - d. None of the above
8. **Which one of the following psychotropic drugs does not stimulate appetite or cause weight gain?**
 - a. Carbamazepine
 - b. Topiramate
 - c. Lithium
 - d. Divalproex

9. According to Aquila, what percentage of the United States population is considered overweight?
- 25%
 - 55%
 - 75%
 - 95%
10. Effective strategies for weight gain management include all of the following *except*:
- Smoking
 - Behavioral controls
 - Lifestyle counseling
 - Pharmacologic intervention
11. Weight management strategies should be implemented:
- After 6 months of antipsychotic treatment
 - When a patient's body mass index (BMI) reaches 25 kg/m²
 - Only if a patient is overweight before beginning antipsychotic treatment
 - When antipsychotic treatment is initiated
12. Possible physiologic explanations for increases in glucose levels over time include all of the following *except*:
- Meal composition
 - Appetite changes
 - Taking a daily aspirin
 - Activity changes
13. A patient with which of the following risk factors should be screened periodically for diabetes?
- Under age 21 years
 - Taking daily prescription medication
 - Of white race
 - Over age 45 years
14. Which of the following is *not* one of the formal National Institutes of Health criteria for making the diagnosis of polycystic ovarian syndrome (PCOS)?
- Hyperandrogenism
 - ≥ 10 subcapsular follicular cysts on ultrasound
 - Ovulatory dysfunction
 - Exclusion of other endocrinopathies
15. Which of the following has *not* been implicated in the pathogenesis of PCOS?
- Antiepileptic medications
 - Obesity
 - Epstein-Barr virus
 - Epilepsy
16. Which of the following 2 medications does the American Academy of Pediatrics consider compatible with lactation?
- Olanzapine and risperidone
 - Valproate and carbamazepine
 - Lithium and valproate
 - Clozapine and lamotrigine
17. Maguire and Nemeč reorganized the antipsychotic agents into a new nomenclature based on all *except* which of the following characteristics?
- Method of administration
 - Efficacy
 - Risk of movement disorders
 - Risk of prolactin elevation
18. According to Maguire and Nemeč's revised nomenclature of antipsychotic agents, which group of drugs elevates prolactin the least?
- First generation
 - Second generation
 - Third generation
 - Fourth generation
19. When prolactin levels are above normal over a period of time:
- A female patient's menstrual cycle will become more regular.
 - A male patient will have increased libido and sexual ability.
 - Osteoporosis can result.
 - Patients will be protected against depression and suicide.

Registration Form

Circle the one correct answer for each question.

- | | |
|-------------|-------------|
| 1. a b c d | 11. a b c d |
| 2. a b c d | 12. a b c d |
| 3. a b c d | 13. a b c d |
| 4. a b c d | 14. a b c d |
| 5. a b c d | 15. a b c d |
| 6. a b c d | 16. a b c d |
| 7. a b c d | 17. a b c d |
| 8. a b c d | 18. a b c d |
| 9. a b c d | 19. a b c d |
| 10. a b c d | |

Payment

No payment is necessary. This activity is free.

Deadline for submission

For a credit certificate to be issued, please fax or mail this registration form no later than March 31, 2003. You will receive your credit certificate within 6 to 8 weeks.

Print or type

Name _____

Social Security number _____ - _____ - _____
(for CME credit recording purposes)

Degree _____ Specialty _____

Affiliation _____

Address _____

City, State, Zip _____

Phone () _____

Fax () _____

E-mail _____

Hospital Private Practice Resident Intern

Evaluation

Please evaluate the effectiveness of this CME activity by answering the following questions.

- Was the educational content relevant to the stated educational objectives? Yes No
- Did this activity provide information that is useful in your clinical practice? Yes No
- Was the format of this activity appropriate for the content being presented? Yes No
- Did the method of presentation hold your interest and make the material easy to understand? Yes No
- Achievement of educational objectives:
 - Enabled me to discuss the neurologic side effects of mood stabilizers, antipsychotics, and broad-spectrum psychotropics. Yes No
 - Enabled me to assess the risk of cardiovascular side effects in patients treated with mood stabilizers, antipsychotics, and broad-spectrum psychotropics. Yes No
 - Enabled me to develop a strategy for managing issues related to weight gain in patients treated with mood stabilizers, antipsychotics, and broad-spectrum psychotropics. Yes No
 - Enabled me to discuss the metabolic side effects such as hyperglycemia that can occur in patients treated with mood stabilizers, antipsychotics, and broad-spectrum antipsychotics. Yes No
 - Enabled me to describe side effects of the mood stabilizers, antipsychotics, and broad-spectrum antipsychotics that are of issue to women in the reproductive years. Yes No
 - Enabled me to review the sexual side effects, including prolactin changes and sexual dysfunction, of mood stabilizers, antipsychotics, and broad-spectrum antipsychotics. Yes No
- Did this CME activity provide a balanced, scientifically rigorous presentation of therapeutic options related to the topic, without commercial bias? Yes No
- Does the information you received from this CME activity confirm the way you presently manage your patients? Yes No
- Does the information you received from this CME activity change the way you will manage your patients in the future? Yes No
- Please offer comments and/or suggested topics for future CME activities. _____
- How much time did you spend completing this CME activity? _____
- Please rank the format for future activities in order of your preference (1 is most preferred):

___ Audiotape	___ CD-ROM	___ Telephone
___ Internet	___ E-Mail	___ Symposium
___ Journal	___ Supplement to Journal	
- Do you have convenient access to the Internet? Yes No

TEAR OUT AND SEND THIS PAGE TO:

PHYSICIANS POSTGRADUATE PRESS, INC. • OFFICE OF CONTINUING MEDICAL EDUCATION • P.O. BOX 752870 • MEMPHIS, TN 38175-2870

YOU MAY FAX THIS PAGE TO: OFFICE OF CONTINUING MEDICAL EDUCATION AT 901-751-3444

QUESTIONS? CALL 1-800-489-1001 EXT. 8

WWW.PSYCHIATRIST.COM