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Or

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 Registration Form to the address or fax number listed on the Registration Form.

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#### Accreditation Statement

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**1. According to Miller, medication-induced sedation in patients taking antipsychotics can sometimes be mistaken for:**

- a. The positive symptoms of schizophrenia
- b. The negative symptoms of schizophrenia
- c. Agitation
- d. Uncontrolled hostility

**2. According to Miller, which of the following does not play a role in the degree of sedative effect of a medication?**

- a. Dosage given
- b. Potency of the medication
- c. Age of the medication
- d. Age of the patient

**3. According to Miller, atypical antipsychotics and conventional antipsychotics are equally effective in treating agitation in patients with schizophrenia, and the atypical agents may cause less sedation.**

- a. True
- b. False

**4. According to Lieberman, \_\_\_\_\_ and \_\_\_\_\_ are considered to be integral elements in the development of metabolic syndrome.**

- a. Obesity and high cholesterol
- b. Insulin resistance and obesity
- c. Antipsychotic use and hypertension
- d. Diet and inactivity

**5. According to Lieberman, treatment with antipsychotic medication is associated with the development of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_, which can all lead to the development of metabolic syndrome.**

- a. Weight gain, hyperglycemia, and type 2 diabetes
- b. Weight loss, hyperglycemia, and type 2 diabetes
- c. Weight gain, hypertension, and type 2 diabetes
- d. Weight loss, hyperglycemia, and type 1 diabetes

**6. According to Lieberman, weight gain is often the most difficult antipsychotic side effect to manage.**

- a. True
- b. False



- 7. According to Saltz, in nursing home facilities, behavioral disturbances are seen in as many as \_\_\_\_\_ of residents:**
- 10% to 25%
  - 1% to 5%
  - 40% to 95%
  - 20% to 30%
- 8. Which of these is not a major category of movement disorder/motor side effect associated with antipsychotic treatment, according to Saltz?**
- Drug-induced parkinsonism
  - Akathisia
  - Catatonia
  - Tardive dyskinesia
- 9. Saltz reported that, to date, no uniformly effective treatment for tardive dyskinesia or chronic tardive-type dystonias exists.**
- True
  - False
- 10. According to Lieberman, peripheral anticholinergic side effects are often cerebral while central anticholinergic side effects are physical.**
- True
  - False
- 11. According to Lieberman, Chengappa and colleagues found that patients taking olanzapine, who had lower serum anticholinergic levels than those taking clozapine, had \_\_\_\_\_ scores on anticholinergic items when compared with clozapine.**
- Significantly lower
  - Significantly higher
  - Nonsignificantly higher
  - Similar
- 12. According to Lieberman, the first step for a physician managing anticholinergic side effects is to:**
- Switch to an atypical antipsychotic
  - Increase the dose of the current antipsychotic
  - Switch to a conventional antipsychotic
  - Decrease the dose of the current atypical antipsychotic



Circle the one correct answer for each question.

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

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Deadline for submission

For a credit certificate to be issued, please complete this Registration Form no later than April 30, 2006. Online submissions will receive credit certificates immediately. Faxed or mailed submissions will receive credit certificates within 6 to 8 weeks.

Payment

No payment is necessary as this activity is free.

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

- 1. Was the educational content relevant to the stated educational objectives?  Yes  No
- 2. Did this activity provide information that is useful in your clinical practice?  Yes  No
- 3. Was the format of this activity appropriate for the content being presented?  Yes  No
- 4. Did the method of presentation hold your interest and make the material easy to understand?  Yes  No
- 5. Achievement of educational objectives:
  - A. Enabled me to discuss issues related to sedation versus sleep versus efficacy in the use of atypical antipsychotics.  Yes  No
  - B. Enabled me to review the evidence on metabolic changes associated with the use of atypical antipsychotics.  Yes  No
  - C. Enabled me to describe a strategy for managing drug-induced movement disorders, including extrapyramidal symptoms and tardive dyskinesia.  Yes  No
  - D. Enabled me to manage anticholinergic side effects in antipsychotic-treated patients.  Yes  No
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