

Assessment Questions

Biological Therapies in Psychiatry Newsletter 2011

Please circle the answer to each question. There is only one answer to each question.

- Among patients with body dysmorphic disorder, what is the most common comorbid condition?
 - Bipolar disorder
 - Major depressive disorder
 - Schizophrenia
 - Generalized anxiety disorder
- In 2006, drug coverage for patients who were eligible for both Medicare and Medicaid benefits was shifted from Medicaid to the new Medicare part D prescription drug program. Some psychiatric patients experienced access problems and discontinuity of care. How did the rate of suicidal ideation and behavior change in these patients?
 - It increased.
 - It decreased.
 - It stayed the same.
- The likelihood of the antipsychotic lurasidone (Latuda) causing extrapyramidal effects is greater than that of what other antipsychotic?
 - Risperidone (Risperdal and others)
 - Olanzapine (Zyprexa and others)
 - Ziprasidone (Geodon)
 - Clozapine (Clozaril and others)
- For every 100,000 patients aged 65 years and older treated with antipsychotics in 1 year, how many new cases of venous thromboembolism will be attributable to the antipsychotic treatment?
 - 4
 - 10
 - 16
 - 22
- In a study by Rickels et al (2009) of 410 patients with major depressive disorder, subjects receiving vilazodone (Viibryd) had significantly improved scores on the Arizona Sexual Experience Scale (ASEX) compared with placebo-treated subjects.
 - True
 - False
- Dietary supplements containing kava (*Piper methysticum*) are used to treat which of the following?
 - Anxiety
 - Insomnia
 - Menopausal symptoms
 - All of the above
- What percentage of patients with schizophrenia report auditory hallucinations?
 - 1% to 5%
 - 10% to 20%
 - 25% to 30%
 - 50% to 75%
- Which of the following second-generation antipsychotics has been studied the most as a treatment for major depressive disorder and dysthymia?
 - Aripiprazole (Abilify)
 - Olanzapine (Zyprexa and other)
 - Quetiapine (Seroquel)
 - Risperidone (Risperdal and others)
- People who eat more trans unsaturated fats from cheese, milk, or processed foods have an increased risk of developing what psychiatric illness?
 - Depression
 - Schizophrenia
 - Obsessive-compulsive disorder
 - Social anxiety disorder
- An analysis of placebo-controlled trials of antidepressants for major depressive disorder found that, between 1983 and 2008, the placebo-response rate did which of the following?
 - Increased
 - Decreased
 - Stayed the same
- Ziprasidone (Geodon) is LESS likely than other antipsychotic agents to cause which of the following in patients with bipolar disorder?
 - Insomnia
 - Weight gain
 - Hallucinations
 - Cancer
- In a review of seven randomized controlled trials of secretin for the treatment of autism spectrum disorders in children aged 12 years and younger, Krishnaswami and colleagues (2011) found significant improvements compared with placebo on what measures?
 - Language
 - Cognition
 - Autistic symptoms
 - None of the above
- Which of the following second-generation antipsychotics is NOT labeled by the US Food and Drug Administration for the acute treatment of mania?
 - Olanzapine (Zyprexa and others)
 - Aripiprazole (Abilify)
 - Clozapine (Clozaril and others)
 - Quetiapine (Seroquel)
- According to a 2003 review by Talley et al., the risk of constipation for patients who take antipsychotics is how many times greater than the risk for nonusers?
 - Two
 - Three
 - Four
 - Five
- The devices that administer electroconvulsive therapy (ECT) are currently classified in the United States as "class III." What does this mean?
 - Lowest risk medical device
 - Intermediate risk medical device
 - Moderate-to-high risk medical device
 - Highest risk medical device
- What is the single greatest predictor of cardiac death in the 5 years after a myocardial infarction?
 - Rate of insomnia during the acute hospitalization
 - Depression score during the acute hospitalization
 - Rate of insomnia 6 months after the myocardial infarction
 - Depression score 6 months after the myocardial infarction

17. The antidepressant vilazodone (Viibryd) was introduced in 2011 with the hope that, compared with other antidepressants, it would treat depression faster and cause less of what adverse effect?

- A. Weight gain
- B. Somnolence
- C. Sexual dysfunction
- D. Constipation

18. To achieve efficacy in the treatment of schizophrenia, a majority of studies suggest what threshold plasma level of clozapine (Clozaril and others)?

- A. 150 to 200 ng/mL
- B. 250 to 300 ng/mL
- C. 350 to 400 ng/mL
- D. 450 to 500 ng/mL

19. Since the antidepressant citalopram (Celexa and others) was determined to cause dose-dependent QT interval prolongation, what is now the maximum recommended daily dose?

- A. 20 mg
- B. 40 mg
- C. 60 mg
- D. 80 mg

20. People with schizophrenia die, on average, how many years sooner than the general population?

- A. 5 years
- B. 10 years
- C. 15 years
- D. 20 years

21. What percentage of patients with Parkinson disease ultimately develop psychosis?

- A. 20%
- B. 40%
- C. 60%
- D. 80%

22. In a 2011 study by Franklin et al. of 124 pediatric outpatients with obsessive-compulsive disorder, which of the following treatments was most effective?

- A. Serotonin reuptake inhibitors (SRIs)
- B. Cognitive behavioral therapy (CBT)
- C. Combination of SRIs and CBT
- D. Placebo

23. What is the estimated number of people in the world who have Alzheimer disease?

- A. 5.3 million
- B. 11.7 million
- C. 24.2 million
- D. 33.9 million

24. According to the United Kingdom's National Institute for Clinical Excellence (NICE) guidelines, what class of medications should be considered first-line treatment for depression in dementia?

- A. Antidepressants
- B. Antipsychotics
- C. Cholinesterase inhibitors
- D. Sedatives

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What other topics would you like to see addressed?

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(PLEASE USE AN ADDITIONAL SHEET AS NEEDED)