

# Antiepileptic drugs Lippincott Pharmacology



1

A 9-year-old boy is sent for neurologic evaluation because of episodes of apparent inattention. Over the past year, the child has experienced episodes during which he develops a blank look on his face and his eyes blink for 15 seconds. He immediately resumes his previous activity.

Which of the following best describes seizures in this patient?

- A. Focal
- B. Tonic-clonic
- C. Absence
- D. Myoclonic

Correct answer: C. Absence

2

A child is experiencing absence seizures that interrupt his ability to pay attention during school and activities.

Which therapy is most appropriate for this patient?

- A. Ethosuximide
- B. Carbamazepine
- C. Diazepam
- D. Watchful waiting

Correct answer: A. Ethosuximide

3

A 25-year-old woman with generalized seizures is well controlled on valproate. She indicates that she is interested in becoming pregnant in the next year.

With respect to her antiseizure medication, which of the following should be considered?

- A. Leave her on her current therapy
- B. Consider switching to lamotrigine
- C. Consider adding a second antiseizure medication
- D. Decrease her valproate dose

Correct answer: B. Consider switching to lamotrigine

4

A 52-year-old man has had several focal seizures with impaired consciousness over the last year.

Which of the following is the most appropriate initial therapy for this patient?

- A. Ethosuximide
- B. Levetiracetam
- C. Diazepam
- D. Carbamazepine plus primidone

Correct answer: B. Levetiracetam

5

A patient with focal seizures has been treated for 6 months with carbamazepine but recently has been experiencing more frequent breakthrough seizures. A second antiseizure drug is being considered.

Which of the following drugs is least likely to have a pharmacokinetic interaction with carbamazepine?

- A. Topiramate
- B. Tiagabine
- C. Levetiracetam
- D. Lamotrigine

Correct answer: C. Levetiracetam

6

A 75-year-old woman had a stroke approximately one month ago. She continues to have small focal seizures during which she fails to respond appropriately to questions.

Which of the following is the most appropriate treatment?

- A. Phenytoin
- B. Oxcarbazepine
- C. Gabapentin
- D. Phenobarbital

Correct answer: C. Gabapentin

7

A 62-year-old patient has new-onset seizures after head trauma. The patient has hypertension treated with hydrochlorothiazide, which lowers serum sodium.

Addition of which antiseizure drug may increase the risk of hyponatremia?

- A. Gabapentin
- B. Divalproex
- C. Carbamazepine
- D. Lacosamide

Correct answer: C. Carbamazepine

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