

Foreign Pharmacy Graduate Equivalency Examination Questions & Answers Demo

Version: 5.0

Topic 1, Volume A

Question: 1

In a zero order elimination process, which of the following is true?

A. The removal of drug is independent of drug concentration
B. Cl = Elimination rate/Cp
C. t1/2 = .7VD/Cl

D. All are true

Answer: A

Question: 2

For highly polar drugs (e.g. mannitol) what primarily determines elimination rate?

- A. Excretion rate
- B. Metabolism rate
- C. Absorption rate
- D. Distribution rate
- E. All of the above

Answer: A

Question: 3

Bioavailability is related to which of the following parameters, according to the equation F = 1 - E

A. Excretion

- **B.** Elimination
- C. Extraction Ratio
- D. Enterohepatic Recycling

Answer: C

Question: 4

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For the majority of drugs, which of the following equations correctly defines clearance?

A. Cl = Elimination rate/Cp
B. Cl = QxE
C. Cl = .7VD/t1/2
D. All are correct

Answer: D

Question: 5

How much of a 10 mg dose of morphine reaches the systemic circulation given F = .24?

A. 24mg B. 0.24 mg C. 2.4 mg

D. 4.1 mg

Answer: C

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