

Dental Pharmacology Quiz #3
February 12, 2004

Name Corrected
(Please Print)

Select the single, most appropriate answer. (All questions of equal value)

1. Which of the following analgesics is the most appropriate in patients with bleeding disorders?
- A. Aspirin
 - B. Naproxen
 - C. Ibuprofen
 - D. Acetaminophen
 - E. Piroxicam
2. Aspirin produces all of the following effects **EXCEPT**:
- A. Reduction of fever
 - B. Reduction of prostaglandin synthesis in inflamed tissues
 - C. Respiratory stimulation when taken in toxic dosage
 - D. Reduction of bleeding tendency
 - E. Tinnitus and vertigo
3. Which of the following drugs is an opioid receptor antagonist that is ineffective after oral administration?
- A. Pentazocine
 - B. Fentanyl
 - C. Naloxone
 - D. Tramadol
 - E. Naltrexone
4. A drug that is an agonist at mu opioid receptors is likely to produce all of the following effects **EXCEPT**:
- A. Analgesia ✓
 - B. Constipation ✓
 - C. Sedation ✓
 - D. Miosis ✓
 - E. Diuresis

(TURN OVER)

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5. An overdose of which of the following drugs is most likely to produce death by respiratory depression?

- A. Aspirin
- B. Morphine
- C. Naloxone
- D. Acetaminophen
- E. Ibuprofen

B

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6 Name _____
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Select the single, most appropriate answer. (All questions of equal value)

1. Which of the following statements best describes the mechanism for the analgesic effects of aspirin?

- A. Is an agonist at mu opioid receptors
- B. Reduces the production of leukotrienes
- C. Stimulates production of thromboxanes
- D. Is an irreversible inhibitor of cyclooxygenase (COX) 1 and 2
- E. Is a selective COX-2 inhibitor

D

2. An antagonist at mu opioid receptors, used to treat an acute overdose of heroin:

- A. Methadone
- B. N-Acetylcysteine
- C. Disulfiram
- D. Flumazenil
- E. Naloxone

~~A E~~

3. In the 1970 Controlled Substance Act, morphine was included in which one of the following Federal schedules?

- A. Schedule I
- B. Schedule II
- C. Schedule III
- D. Schedule IV
- E. Schedule V

~~D B~~

4. All of the following produce analgesia by activating opioid receptors EXCEPT:

- A. Meperidine
- B. Beta-endorphin
- C. Acetaminophen
- D. Methadone
- E. Nalbuphine

C

(TURN OVER)

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5. Following a dental procedure, a seven-year-old patient is instructed to use a teaspoonful of liquid medication diluted in a glass of water as an oral rinse two times a day for seven days. The total amount of liquid medication to be used is

- A. 14 ml
- B. 70 ml
- C. 210 ml
- D. 420 ml
- E. 840 ml

$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \\ \times 7 \\ \hline 70 \end{array}$$

B

Dental Pharmacology Quiz # 3
February 13, 2006

Name: _____

(Please Print)

Select the single, most appropriate answer. (All questions of equal value)

1. Which one of the following correctly describes the mechanism of action of cocaine as related to its abuse?

- A. Inhibition of dopamine re-uptake ✓
- B. Enhancement of dopamine re-uptake
- C. Antagonist at dopamine D1 receptors
- D. Antagonist at dopamine D2 receptors
- E. Inhibition of dopamine release
- F. Enhancement of dopamine release

A

2. A selective agonist at mu opioid receptors is likely to produce all of the following effects **EXCEPT**:

- A. Nausea
- B. Analgesia
- C. Sedation
- D. Respiratory depression
- E. Mydriasis ✓ Miosis

E

3. An ideal non-steroidal anti-inflammatory drug exhibits good anti-inflammatory, analgesic, and anti-pyretic activity. Which of the following drugs fails to meet all of these criteria?

NSAID

- A. Ibuprofen
- B. Aspirin
- C. Acetaminophen ✓
- D. Naproxen
- E. Piroxicam

C

(Turn Over)

4. Treatment of chronic inflammatory disease frequently requires the use of strong antiinflammatory agents. Which of the following drugs is a recombinant anti-tumor necrosis factor (TNF) protein consisting of a fusion of two TNF receptor subunits fused to the Fc portion of the human immunoglobulin molecule?

- A. Infliximab
- B. Methotrexate
- C. Auranofin
- D. Penicillamine
- E. Etanercept

TNF

E

5. An abstinence syndrome comprising mydriasis, abdominal cramps, vomiting and gooseflesh most likely is associated with withdrawal from which one of the following drugs?

- A. Amphetamine
- B. Heroin
- C. Lorazepam
- D. Phenobarbital
- E. Pentazocine

~~B~~