

Chapter 3: Rational Drug Selection

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- ____ 1. An NP would prescribe the liquid form of ibuprofen for a 6 year old because:
 - A. Drugs given in liquid form are less irritating to the stomach
 - B. A 6 year old may have problems swallowing a pill
 - C. Liquid forms of medication eliminate the concern for first-pass effect
 - D. Liquid ibuprofen does not have to be dosed as often as tablet form

- ____ 2. In deciding which of multiple drugs used to use to treat a condition, the NP chooses Drug A because it:
 - A. Has serious side effects and it is not being used for a life-threatening condition
 - B. Will be taken twice daily and will be taken at home
 - C. Is expensive, and is not covered by health insurance
 - D. None of these are important in choosing a drug

- ____ 3. A client asks the NP about the differences in drug effects between men and women. What is known about the differences between the pharmacokinetics of men and women?
 - A. Body temperature varies between men and women
 - B. Muscle mass is greater in women
 - C. Percentage of fat differs between genders
 - D. Proven subjective factors exist between the genders

- ____ 4. The first step in the prescribing process according to the World Health Organization is:
 - A. Choosing the treatment
 - B. Educating the patient about the medication
 - C. Diagnosing the patient's problem
 - D. Starting the treatment

- ____ 5. Treatment goals in prescribing should:
 - A. Always be curative
 - B. Be patient-centered
 - C. Be convenient for the provider
 - D. Focus on the cost of therapy

- ____ 6. The therapeutic goals when prescribing include(s):
 - A. Curative
 - B. Palliative
 - C. Preventive
 - D. All of the above

- ____ 7. When determining drug treatment the NP prescriber should:
 - A. Always use evidence-based guidelines
 - B. Individualize the drug choice for the specific patient
 - C. Rely on his or her experience when prescribing for complex patients
 - D. Use the newest drug on the market for the condition being treated

- ____ 8. Patient education regarding prescribed medication includes:
 - A. Instructions written at the high school reading level
 - B. Discussion of expected adverse drug reactions
 - C. How to store leftover medication such as antibiotics
 - D. Verbal instructions always in English

- ____ 9. Passive monitoring of drug effectiveness includes:
 - A. Therapeutic drug levels
 - B. Adding or subtracting medications from the treatment regimen
 - C. Ongoing provider visits
 - D. Instructing the patient to report if the drug is not effective

- ____ 10. Pharmacokinetic factors that affect prescribing include:
 - A. Therapeutic index
 - B. Minimum effective concentration
 - C. Bioavailability
 - D. Ease of titration

- ____ 11. Pharmaceutical promotion may affect prescribing. To address the impact of pharmaceutical promotion, the following recommendations have been made by the Institute of Medicine:
 - A. Conflicts of interest and financial relationships should be disclosed by those providing education.
 - B. Providers should ban all pharmaceutical representatives from their office setting.
 - C. Drug samples should be used for patients who have the insurance to pay for them, to ensure the patient can afford the medication.
 - D. Providers should only accept low-value gifts, such as pens and pads of paper, from the pharmaceutical representative.

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Answer Section

MULTIPLE CHOICE

- | | |
|------------|--------|
| 1. ANS: B | PTS: 1 |
| 2. ANS: B | PTS: 1 |
| 3. ANS: C | PTS: 1 |
| 4. ANS: C | PTS: 1 |
| 5. ANS: B | PTS: 1 |
| 6. ANS: D | PTS: 1 |
| 7. ANS: B | PTS: 1 |
| 8. ANS: B | PTS: 1 |
| 9. ANS: D | PTS: 1 |
| 10. ANS: C | PTS: 1 |
| 11. ANS: A | PTS: 1 |