Unit 8 - Route Specific Delivery

Week 7 Assessment

Due on 2019-09-16, 23:59 EST.

Route specific delivery

1. What is the advantage of administering drugs to the brain? 1 point
   - Ventricular
   - Intravenous
   - Intramuscular
   - Oral
   - Transdermal
   - Topical
   - Oral
   - Transdermal
   Accepted Answer: Oral

2. What is the best drug for a good candidate for transdermal delivery? 1 point
   - Low partition coefficient
   - High partition coefficient
   - Low molecular weight
   - High molecular weight
   Accepted Answer: Low molecular weight

3. Which of the following route experiences first pass metabolism? 1 point
   - Intravenous
   - Intramuscular
   - Oral
   - Transdermal
   Accepted Answer: Oral

4. What is the best candidate for transdermal delivery? 1 point
   - Blood
   - Brain
   - Heart
   - Ovaries
   Accepted Answer: Brain

5. Which of the following is not a site of action for drugs under the skin? 1 point
   - Subcutaneous
   - Intradermal
   - Intravenous
   - Transdermal
   - Intramuscular
   Accepted Answer: Intravenous

6. What is the disadvantage of subcutaneous delivery of drugs? 1 point
   - Rapid absorption
   - Needle pain
   - Injection site discomfort
   - Lower efficacy
   - Binds to the peripheral and subcutaneous tissue
   Accepted Answer: Lower efficacy

7. What is a common route of drug administration? 1 point
   - Oral
   - Intravenous
   - Subcutaneous
   - Intramuscular
   Accepted Answer: Oral

8. What is the main advantage of transdermal drug administration? 1 point
   - Inexpensive
   - Easy to administer
   - Increased bioavailability
   - Systemic absorption
   Accepted Answer: Increased bioavailability

9. What is the major advantage of transdermal drug administration? 1 point
   - Convenience
   - No injection or pain
   - Easy to administer
   - Better control of drug delivery
   Accepted Answer: Convenience

10. What is the main advantage of transdermal drug delivery systems compared to other drug delivery systems? 1 point
    - Lower costs
    - Increased bioavailability
    - Easier to administer
    - Better control of drug delivery
    Accepted Answer: Increased bioavailability

11. What is the main advantage of transdermal drug administration? 1 point
    - Inexpensive
    - Easy to administer
    - Increased bioavailability
    - Systemic absorption
    Accepted Answer: Increased bioavailability

12. What is the main advantage of subcutaneous drug administration? 1 point
    - Inexpensive
    - Easy to administer
    - Increased bioavailability
    - Better control of drug delivery
    Accepted Answer: Inexpensive