Knowing Where to Find Key Drug Information—Understanding Drug Resources

Posttest

1. Which of the following statements is correct regarding tertiary resources?
   
   A. Tertiary resources are the filing system to guide users to primary literature
   B. Tertiary resources are the third-line resource to check when answering a drug information question
   C. Tertiary resources are also known as original research
   D. Tertiary resources may provide interpretation of data***

   Correct Answer: D
   Secondary resources are the filing systems of primary literature, and tertiary resources should be consulted first, not third. Primary literature is known as original research. Tertiary resources contain summaries of primary literature and often contain the author’s or editor’s interpretation of data.

2. Which of the following resources does NOT contain off-label uses of medications?
   
   A. Facts & Comparisons
   B. Physicians’ Desk Resource***
   C. Clinical Pharmacology
   D. Micromedex

   Correct Answer: B
   The Physicians’ Desk Reference contains only package inserts as supplied by the manufacturers, and package inserts only contain FDA-labeled indications.

3. A patient wants to know if lisinopril is safe to take while breastfeeding. Which free resource can be consulted to find an answer to the patient’s drug information question?
   
   A. Hale’s Medications & Mothers’ Milk
   B. LactMed***
   C. Facts & Comparisons
   D. Trissel’s Stability of Compounded Formulations

   Correct Answer: B
   LactMed and Hale’s are both appropriate resources, and Facts & Comparisons has a lactation section in each drug monograph and can be linked to Briggs Drugs in Pregnancy and Lactations. However, LactMed is the only freely available resource out of these choices.
4. Which of the following references might be useful if a patient inquires about travel health risks and ways to prevent them?

   A. Pink Book
   B. Orange Book
   C. Yellow Book***
   D. Purple Book

Correct Answer: C
The Yellow Book contains health information related to international travel (e.g., travel risks and ways to prevent them).

5. A physician calls the pharmacy regarding a new patient’s medications. The patient was taking Dilacor XR prior to admission, but the hospital formulary has Cardizem CD as the preferred agent. He wants to know if these products can be interchanged. Which of the following resources would be most helpful in responding to his question?

   A. Health on the Net Foundation
   B. Orange Book***
   C. Harriet Lane Handbook
   D. AHFS Drug Information

Correct Answer: B
The Orange Book is searchable by either active ingredient (diltiazem) or proprietary name. Therapeutic equivalence, or the interchangeability, of all diltiazem products are listed in the Orange Book.

6. Which of the following is not a tertiary resource?

   A. International Pharmaceutical Abstracts***
   B. Drugs in Pregnancy and Lactation (Briggs)
   C. Lexicomp
   D. Gahart’s Intravenous Medications: A Handbook for Nurses and Health Professionals.

Correct Answer: A
International Pharmaceutical Abstracts (IPA) is a secondary resource because its purpose is to direct the user to primary literature.
7. Which of the following secondary resources would be MOST likely to contain information about nursing standards of practice?

A. Gahart’s Intravenous Medications: A Handbook for Nurses and Health Professionals  
B. Cumulative Index to Nursing and Allied Health Literature***  
C. Medline  
D. AHFS Drug Information

Correct Answer: B
Both Gahart’s Intravenous Medications and CINAHL contain information relevant to the nursing practice. However, only CINAHL is the secondary resource, which directs the user to primary literature, whereas Gahart’s is a book, which is a tertiary resource.

8. Which of the following characteristic(s) is desirable when evaluating the quality of a website?

A. HONcode certification  
B. URL ends in .gov  
C. The sponsor is listed prominently on the homepage  
D. All of the above***

Correct Answer: D
For transparency purposes, the sponsor should be listed on the webpage. Also, websites maintained by the government (.gov) are considered reliable sources. The HONcode is an optional, annual certification that show a website has undergone a review of quality.

9. Which of the following statements is correct regarding mobile apps?

A. All mobile apps are subject to FDA regulation  
B. Class 1 mobile medical apps must obtain premarket approval  
C. Class 3 mobile medical apps must obtain premarket approval***  
D. None of the above

Correct Answer: C
Class 3 mobile apps are required to obtain premarket approval (This comes from FDA guidance).
10. A patient asks if his blood pressure medicine interacts with a newly prescribed drug that he recently started. What is the first step that should be performed according to the systematic approach described in the lesson?

A. Look up the 2 medications in a drug database that includes an interaction checker, and answer the question
B. Secure the demographics of the requestor
C. Immediately search for primary literature
D. None of the above

Correct Answer: B
According to the systematic approach, securing the demographics of the requestor is the recommended initial step in formulating a drug information response.