

Utilizing the PDR (Physicians Desk Reference)

OBJECTIVES/RATIONALE

Information related to pharmaceuticals is vital for the delivery of quality health care..
The student will use the PDR to find information related to various pharmaceutical agents.

TEKS 121.3 (c) 1B, 2F, 14B

TAKS ELA 1, 4

KEY POINTS

PDR PowerPoint Presentation

- I. Physicians' Desk Reference (PDR)
 - A. Provides essential information about drugs and medications currently in use
 - B. Both Rx and OTC (over the counter)
 - C. Published yearly to provide up-to-date information on drugs
- II. Manufactures' Index
 - A. Initial white section of book
 - B. Major drug manufacturers in US are listed in Alphabetical order
 - C. Manufacturers addresses, telephone and names of key contact people and partial list of products
- III. Brand and Generic Name Index
 - A. Second main section usually in pink
 - B. Products are listed alphabetically by both brand name and generic name
 - C. An underline denotes a generic name
 - D. Under each generic name , you will find a list of brand that contain it
 - E. Manufacturer name will be list in ()
 - F. Bold page numbers indicate complete prescribing information
- IV. Product Category Index
 - A. Third main section and normally blue in color
 - B. Provides a quick reference section for drugs available for various conditions
 - C. Index list products by prescribing categories- identifies all agents with a given therapeutic use
 - D. May have sub-groups to aid in search
- V. Category and Sub-category
 - A. Category
 1. Anti-infective agent
 - B. Sub-category
 2. Anthelmintics
 3. Antibiotics
 4. Antifungal

- VI. Product Identification Section
 - A. Fourth Section of PDR
 - B. Provides colored actual size pictures of a variety of drugs
- VII. Product Information
 - A. Largest section of book and white in color
 - B. Contains detailed list of drugs and discussion on the chemical nature, indication for use, contraindications, warnings, routes and administration
 - C. Contraindications- should not be given the drug
 - D. Warnings- weigh the advantages and disadvantages
 - E. Adverse reaction- side-effects seen by a few patients
- VIII. Utilization of PDR
 - A. Important to check information in PDR regarding actions, dosage, side effects, and other vital facts on medication
 - B. Section used depends on information desired
- IX. PDR
 - A. The PDR can be found on the Internet
 - B. Also many Physicians use a hand held type computer version of the PDR
 - C. These version can be updated easily

ACTIVITIES

- I. Complete the **PDR Scavenger Hunt**.

Teacher Note

Recommended to be used as a homework assignment to be completed at the public library for awareness of consumer accessibility.

MATERIALS NEEDED

Physicians Desk Reference
Public Library
Internet Access
PDR Scavenger Hunt Key
PDR Test Key

ASSESSMENT

Successful completion of the **PDR Test**.

ACCOMMODATIONS

For reinforcement, the student will pick two pharmaceuticals of choice and utilize the PDR to locate the manufacturer, side effects, contraindications, and the generic/chemical name.

For enrichment, the student will investigate and report on what other ways the information in this activity can be located.

REFLECTIONS

PDR Scavenger Hunt

Use the PDR to locate the following information. Record answers in the space provided.

1. Find the address for ORTHO- MCNEIL Pharmaceutical.

2. The following two drugs are brand names. Find the following information required for each of these drugs.

Tylenol flu night time gelcaps

What are active ingredients?

What drug interaction precaution is given in bold print?

How is it supplied?

LANOXINelixir pediatric

What organ is it used for?

When is it contradicted to give?

What is the generic name for LANOXIN?

3. Give me the name of an ANTIMALARIAL that starts with L.

4. What are the sub-group titles that fall under CONTRACEPTIVES?

5. What is the message given under WEIGHT CONTROL PREPARATIONS ?

Key PDR Scavenger Hunt

Use the PDR to locate the following information. Record answers in the space provided.

1. Find the address for ORTHO- MCNEIL Pharmaceutical.

1000 Rt202
PO Box 300
Raritan, NJ 08869-0602

2. The following two drugs are brand names. Find the following information required for each of these drugs.

Tylenol flu night time gelcaps

What are active ingredients? Acetaminophen 500 mg, Pseudoephedrine hydrochloride 30 mg, and diphenhydramine hydrochloride 25 mg

What drug interaction precaution is given in bold print? MAOI- monoamine oxidase inhibitor.

How is it supplied? Colored blue and white in blister packets of 10 or 20

LANOXINelixir pediatric

What organ is it used for? Heart - to increase cardiac output

When is it contradicted to give? Ventricular fib

What is the generic name for LANOXIN? digoxin

3. Give me the name of an ANTIMALARIAL that starts with L. Lariam Tablets

4. What are the sub-group titles that fall under CONTRACEPTIVES? Devices, Implants, Injectables, Oral

5. What is the message given under WEIGHT CONTROL PREPARATIONS ?
See Appetite Suppressant/ Nutritional

PDR Test

You have a 46 yr old female in need of hormone replacement. Where would you look to find a list of possible drugs? (list section and subsection)

1. section-
2. sub-section

Find a drug by the Product name of Lomotil.

3. Who makes the drug?
4. What is the generic/chemical name for the drug?

List 2 types of patients that it would be contraindicative to give this drug

- 5.
- 6.
7. What schedule drug is Lomotil?
8. What is the recommended dosage for a 5 year old?
9. Where would I look to find the phone number for the company that makes the drug?
10. What are the common side effects of a drug called NITRO-BIB ointment by Marion Merrell Dow or Marion?
11. What is the drug used for?

Key PDR Test

You have a 46 yr old female in need of hormone replacement. Where would you look to find a list of possible drugs? (list section and subsection)

1. section-Product category Index

2. Sub-section - Hormones

Find a drug by the Product name of Lomotil.

3. Who makes the drug? Searle

4. What is the generic/chemical name for the drug?

Diphenoxylate hydrochloride with atropine sulfate

List 2 types of patients that it would be contraindicative to give this drug

5. Obstructive jaundice

6. Pt. With diarrhea associated with pseudomembranous enterocolitis or enterotoxin producing bacteria

7. What schedule drug is Lomotil?

V- 5

8. What is the recommended dosage for a 5 year old?

2.5-4.5 ml qid

9. Where would I look to find the phone number for the company that makes the drug?

Manufacturers index

10. What are the common side effects of a drug called NITRO-BIB ointment by Marion Merrell Dow or Marion?

Headache, dizziness

11. What is the drug used for?

Angina pectoris