PDR Electronic Library & Clinical Pharmacology Online:

Comparison & Evaluation for Collection Management

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Reasons

- Budget cuts
  - Reassessed all subscriptions
    - Electronic first
- Price increases
  - PDR renewal due
    - Multi-year subscription
Local Considerations

- PDR
  - Name recognition
  - Main campus
  - Other libraries
  - Consortia
    - UF main library
  - Nursing
  - Medicine
  - Allied health programs

- Clinical Pharmacology
  - College of Pharmacy
    - Integrated
      - CD version
  - College of Medicine
  - Faculty involvement
<table>
<thead>
<tr>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PDR</strong></td>
</tr>
<tr>
<td>- $3493 per year</td>
</tr>
<tr>
<td>- UF main library</td>
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<tr>
<td>- 20%</td>
</tr>
<tr>
<td>- 2 year contract</td>
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<tr>
<td><strong>Clinical Pharmacology</strong></td>
</tr>
<tr>
<td>- $3266 per year</td>
</tr>
<tr>
<td>- 5 year contract</td>
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</tbody>
</table>
PDR Electronic Library

Electronic version of:

- PDR
- PDR for Nonprescription Drugs & Dietary Supplements
- PDR for Ophthalmic Medicines
- Stedman’s Medical Dictionary
- PDR for Herbal Medicines
  - Separate database
PDR Features

- Drug monographs
- Herbal monographs
- Drug interaction utility
- Stedman’s Medical Dictionary
- Updates
Keyword Search

Search PDR indexes and document keywords.

Search within:
- Brand & Generic Names

For this full or partial keyword:

[Search] [Clear]

Home || Warranty and Disclaimer || About Us || Help || Log Out
Contact Us or call the 24-Hour Tech Support line at 1-800-523-9083, option '3'
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PDR Electronic Library Monographs

- Written by drug manufacturers
  - Some variations
    - Chemical structures
    - Prescription & nonprescription
    - Reference lists
- Manufacturer’s option to include products
- FDA approved drugs only
  - Approved uses only
- FDA official drug labeling
  - Drug inserts
PDR Herbal Monographs

- 700 products
  - Sources
    - German Commission E Monograph
    - Literature review
      - PhytoPharm U.S. Institute of Phytopharmaceuticals
    - 300 herbs

- Monographs include
  - Extensive bibliographies
  - Illustrations
  - Trade names
Clinical Pharmacology Online

- Electronic database only
  - No print counterpart

- Coverage
  - FDA-approved prescription drugs
  - Investigational drugs
    - Phase 3 trials
  - Nonprescription drugs
  - Nutraceuticals & herbal products
  - Nutritional products
NEW: Discover what's new in drug content and more this month with the Clinical Pharmacology Matters Newsletter.
NEW: Generate drug interaction reports for your patients with Consumer Drug Interactions tool.
Generate list of drugs that have significant interactions with Enteral Feedings, Food, Grapefruit Juice, and Tobacco.

Frequent Tasks Menu

- Identify unknown drug products by marking, color, shape, etc.
- List drugs that can be used for a specific disease or condition
- List all nutraceuticals (including herbals), investigational drugs, or nutritional products
- Dosing and Administration
  - View dosing guidelines for adult, pediatric, and geriatric patients
  - View instructions for administration of dosage forms
- Drug Interactions
  - View all interactions of a specific drug
  - Screen multiple drugs for interactions
- Adverse Reactions
  - View all adverse reactions of a specific drug
  - Screen multiple drugs for adverse reactions
- Product Availability
  - View available brand and generic products for a specific drug
  - Compare similar drug products and their ingredients in a table
- Determine "drug of choice" based on multiple criteria

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Gold Standard Multimedia
Clinical Pharmacology
Features

- Frequent task menu
- Monographs
  - References
- Professional
  - Consumer handouts
    - English & Spanish
- Drug interaction utility
  - Severity index
  - One for consumers
- Drug patent search
- Drug comparison utility
  - Within a drug class
  - Patient characteristics
- Product comparison utility
- Product identification utility
- IV compatibility utility
- Tutorial
Clinical Pharmacology Monographs

- Written by editors
- Peer reviewed
- Information sources
  - Peer reviewed journals
  - Standard reference texts
  - FDA websites
  - Manufacturer product labels
Clinical Pharmacology Monographs (cont.)

- Includes off-label uses
- Single database
- Inclusion of products
  - Editorial board
    - Based on evidence
- Briefer monographs
  - Herbals and Nutritional products
  - Investigational drugs
Clinical Pharmacology Monographs (cont.)

- References
  - Links within monographs
  - No bibliographies
Interaction Utility
PDR

- Drug/drug or drug/food
- Single drug or food product
- Multiple drug regimen
  - Includes food interaction search
- Herbal products
  - Within drug information
  - Search specific herbal products
    - Trade names
Interaction Utility
Clinical Pharmacology

- Drug/drug or drug/food or drug/herb
- Single drug
  - Frequent tasks menu
- Multiple drug regimen
  - Drug/food
  - Pre-selected foods/drugs
- Severity rankings
Updates

- PDR
  - 3 times a year
- Clinical Pharmacology
  - In real time
Conclusions

- Each program has its own strengths and weaknesses

PDR Strengths:
- Ease of use
- FDA labeling
- More herbals
- Herbal monographs’ bibliographies

PDR Weaknesses:
- Not current
- No investigational drugs
- Herbal interactions
Conclusions con’t

- **CPO Strengths:**
  - Currency
  - Growing database
  - Frequent task menu
  - Investigational drugs
  - Utilities

- **CPO Weaknesses:**
  - No bibliographies
  - Number of herbs
  - Hidden utilities
Conclusions con’t

- We will not cancel either now
- Re-evaluate again
  - Budget
  - PDR renewal
- CPO training
  - Non HSC librarians
  - Nursing & Health Professions students
Bibliography

- Raschke CG, Hatton RC, Weaver SJ, Belgado BS. Evaluation of electronic databases used to identify solid oral dosage forms. *Am J Health Syst Pharm* 2003 Sept 1; 60(17): 1735-1740

The End

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