Access Pharmacy Tutorial

Learning Objectives:
1. Know how to log on to Access Pharmacy from campus and from home.
2. Know all the features provided by Access Pharmacy.
3. Know what is available and how to access it.

Logging On to Access Pharmacy:
1. **On Campus:**
   a. Step 1: Go to library webpage: [www.library.health.ufl.edu](http://www.library.health.ufl.edu)
   b. Step 2: Click on Electronic Resources and select databases

OR Locate the Quick Links location on the left side of your screen. Underneath Quick Links there is a link for databases. Click there.
c. Step 3: Locate Access Pharmacy at the bottom of the page located in the database menu. This will bring up the main page for Access Pharmacy.

2. Off Campus log on:
   a. Step 1: Go to library webpage: [www.library.health.ufl.edu](http://www.library.health.ufl.edu)
   b. Step 2: Locate and click the Off-Campus Access Link under the Quick Links menu. Click there
c. Step 3: Type in your gatorlink ID and password in their respective fields.

d. Step 4: Click on Health Science Center Library Link in the middle of the screen

e. Step 5: Now follow steps 2-3 from on campus access to reach the Access Pharmacy web page
This is the Access Pharmacy Homepage. Below the search box is a section entitled “Browse by Curricular Topic” and “Browse by Organ System”, which act as quick links to topics accessed by the main toolbar. Below this, starting at the left of the screen is a Drug Quiz of the Week, a virtual case and news section, and links to online textbooks.

3. **How to search**: Notice the red arrow pointing to the search box. To search for a topic (for example, hypertension), type it into the search box.

A drop-down menu will appear, allowing you to search for specific topics. For now, we will just search for topics on “hypertension” only. Click the red search button to the right of the search box.
After performing the search, the page below should appear. On the left column, titled Textbooks, links to chapters from numerous texts, including Pharmacotherapy and Goodman & Gilman’s, are available. To view the full range of titles, use the scroll bar on the right of the screen to scroll down.

The right side of the screen contains numerous resources to enhance your College of Pharmacy experience. These include patient cases, a self-assessment (which requires a user log-in) and any useful calculators. By scrolling the page down...
we can view the other tools. These include a link for Doctor Evidence statements on topics relating to the search topic, relevant glossary definitions, search boxes for PubMed, Guidelines.gov, and AccessMedicine.com. Let’s focus on Doctor Evidence Statements for a while. Click on the word “hypertension” indicated by the red arrow.

A new window will open with a list of drugs associated with the selected disease state. By clicking on one of these drugs, a list of topics will appear. Let’s click on metoprolol.
Notice the circled tabs, labeled “outcomes” and “adverse events”. The outcomes tab is currently selected, but adverse events can be accessed by simply clicking on the tab, and vice versa.

With the Outcomes tab selected, notice the list of topics below the heading “Choose an Outcome.” Let’s suppose that you were interested in learning about the effectiveness of metoprolol on all-cause mortality. Click on the link titled “All-Cause Mortality”, indicated by the arrow.
The above screen will appear, with an overview of the selected topic in the right column. It is possible to view the abstracts used by clicking the “View study abstracts” link.

The above screen will appear, showing a list of abstracts used in the effectiveness statement. To view the full abstract, simply click “View abstract” to the right of the abstract title. To return to the Effectivness Statements menu, click the “Back To Effectivness Statements” link at the top left of the page. To exit the Doctor Evidence section at any time, click the “Close Window” link to the top right.
Curricular Topics: Click on curricular topics in the toolbar.

The above screen should appear. Click on the left side of the screen to browse the different topics: 1) clinical sciences, 2) social, behavioral & administrative pharmacy sciences, 4) pharmaceutical sciences, 5) basic biomedical sciences.

Organ Systems: Click on the organ systems tab in the toolbar.

The above screen should appear. Click on the left side of the column to select disease states.
Textbook: Click on the textbooks tab in the tool bar.

Click on the textbooks tab in the tool bar. The above screen should appear. Click on any links of the book to browse thru.

The above window should open to allow you select various textbooks relating to hypertension. Cases, self assessment, calculators, Doctor Evidence effectiveness statements, and glossary are available for viewing.
Drugs: Click on the drug tab in the toolbar to search for a list of drug and herbal supplement.

The above screen should appear. Select the first letter of the name of the drug or herbal supplement.

For example, click to select Metoprolol.
A new window should appear. It should contain information about the selected drug. To exit the drug information screen, click the red X in the upper right corner of the screen.

**Lab Tests**: Click on the section titled “Lab Tests” on the main toolbar. The following screen should appear.
From this screen, a number of lab tests can be selected. Observe the toolbar circled in red. This toolbar divides the laboratory tests into different categories, which may be displayed by clicking on the name of the desired category. To display more information on a specific laboratory test, click on the name of the desired test. A new window will open displaying the information.

Calculators: Click on the section of the toolbar entitled “calculators.” The following screen will appear.
A list of calculators will be displayed on the left side of the screen. Currently selected is “Absolute Neutrophil Count” Displayed to the right of the calculator list is the selected calculator. Below the calculator is a description of what is being calculated, and reference ranges.

**Calculators**

**Absolute Neutrophil Count**

- Adult BMI (Body Mass Index)
- Anion Gap
- BSA (Body Surface Area)
- Calcium Salt Equivalents
- Coronary Heart Disease Risk
- Corrected Calcium
- Creatinine Clearance: Stable Renal Function
- Creatinine Clearance:Measured Urine Collection
- Fractional Excretion of Sodium
- Free Water Deficit
- GFR (Glomerular Filtration Rate)
- IBW (Ideal Body Weight)
- IV Infusion Rate
- Metric/Standard Conversion
- Serum Osmolality
- Pregnancy Due Date
- SI/CU Conversion
- Sodium Level Correction
- INR/Hemorrhage

**Absolute Neutrophil Count**

- White blood cells: [ ] count
- Total neutrophils: [ ] %
- Total bands: [ ] %

**Calculate absolute neutrophils count**

Your answer:

Neutrophils (polymorphonuclear cells, PMNs, granulocytes, segmented neutrophils, etc.) fight against infection and represent a subset of the white blood count. The ANC is the total number of neutrophil granulocytes present in the blood.

- ANC > 1000/mm³: normal
- ANC < 1000/mm³: neutopenia
- ANC = 1000-1500/mm³: mild neutropenia, low risk of infection
- ANC = 500-1000/mm³: moderate neutropenia, moderate risk of infection
- ANC < 500/mm³: severe neutropenia, high risk of infection

Reference: The Clinician’s Ultimate Guide to Drug Therapy (www.globe.com)
**Videos:** Click on the videos tab in the toolbar on the main page.

The above page should appear, containing Goodman & Gilman’s pharmacology animations and grand rounds, virtual cases, Harrison’s online videos. You can view all videos by clicking on View All Videos tab.

Macromedia Flash Player (version 8 or higher) is required to view videos. You can click on Download Flash Player on the top of the page to download a free version of Macromedia Flash Player.

**Self-Assess:** This tab leads you to multiple topic quizzes that can help you to assess how well you are learning certain topics in your courses. You have the option of accessing quizzes based on curricular topics or on organ systems. Prior to using any of these quizzes, you will first need to create a personal profile account. You can do this by selecting/clicking on any one of the test topics. For example, lets say we want to take a practice quiz in medicinal chemistry.
**Create a Personal Profile:** After selecting a test topic, you will be brought to this page to sign in to an existing profile account or to create one.

If you have not yet created a profile, do so now. Otherwise, sign in.

After creating your personal profile, you can begin taking your quiz. You will be given the option of how many questions you would want on your quiz. During your quiz the questions will be presented one by one. After completing the quiz, you will be given the quiz score along with the correct answers to each question, identifying which ones you got wrong.

For those interested in Naplex or Pharmacy Law review, quizzes related to these topics are also available and located on the right side of the self assess screen.
Click on Cases & My Care Plan located in the tool bar.

The left side of the screen contains cases taken from the Pharmacotherapy Casebook, grouped by disorder category. The right side of the screen provides more case materials, virtual cases, and a featured case. Click on “Cardiovascular Disorders” as indicated by the arrow. The following screen will appear.
From this screen, it is possible to read a patient case on a variety of disorders, answer case questions, and write a care plan based on the case. Note that writing a care plan and saving answers to case questions does require a log in. To return to the previous page, click the “Back to Main Contents” link, indicated by the arrow.

**MyAccessPharmacy**: This link is a place where you can save images and text that you may want to refer to later from anywhere on the site. It also displays your personal profile information. If you wanted to edit your personal profile, you would do so under this link.

**To save an image**: If you find an image/picture/diagram that interests you and that you would like to save, you may do so by clicking on the image and using the “Add to My Saved Images” link located on the top of the screen.