Learning Objectives

1. Use *your* online resources, hospital or AZHIN-Provided (brief)
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL EBM Search Engine and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
COM-Phoenix Librarians

Jacque Doyle
602-827-2031
jddoyle@email.arizona.edu

Lindsey Greene
602-827-2062
lamon@email.arizona.edu
Teaching Hospital Librarians

At Hospitals
  - *Lora and *Sally, Banner Good Sam
  - *Kathy at PCH
  - *Rebecca and *April, Maricopa
  - Molly and Billie, St. Joseph’s
  - Evonda, Scottsdale
  - Mark, VAMC
  - Kay and Carol Ann, Mayo

At ASU’s Downtown Phoenix Campus:
  - *Kathleen Carlson

* University of Arizona College of Medicine Clinical Education Librarians
Tell me about you...

Are you:
1. A super user of library e-resources?
2. Novice user?
3. Use a library, either online or in person, once a year, daily, weekly, or ??
4. Use Google only or primarily?
5. Successful always or sometimes?
6. Frustrated because of wasted time searching?
7. Lucky enough to have a great assistant, researcher or librarian?
8. An instructor who has your students or residents research for you?
Learning Objectives

1. Use *your* online resources, hospital or AZHIN-Provided (brief)
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL *EBM Search Engine* and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
Are your institutions members of AZHIN*?

If yes, you have access to a wide array of online resources!

*Arizona Health Information Network
Welcome to AZHIN!
Resources on this site are available to members of the Arizona Health Information Network.

Quick Links
- ACP PIER
- CINAHL
- Cochrane Library
- EBSCO (all databases)
- Health Business Full Text
- MedCalc 3000
  (click on Resources tab)
- MEDLINE (Ovid)
- MEDLINE (PubMed)
- NEJM
- OVID (all databases)
- STAT!Ref
- Stedman's Medical Dictionary
  (click on Resources tab)

Athens Log In
- Request an AZHIN username and password
- Change your password - under MyAccount at MyAthens

Free Resources
- Nat'l Guideline Clearinghouse
- MEDLINEplus
  (consumer health info)
- Google Scholar

http://www.azhin.org
Our teaching hospital libraries

Health Sciences Library
at Maricopa Integrated Health System

Health Sciences Library
2601 E Roosevelt St
Phoenix AZ, 85008

Health Topics
Resources listed below are commonly accessed and referenced by Scottsdale Healthcare's team of library professionals. You'll find accurate, easy-to-understand information that is helpful for making informed healthcare decisions.

Still have questions? Call 480-412-0598, and one of our trained library staff members will be happy to assist you.

MedlinePlus Health Topics
National Library of Medicine
Search for medical and health information on MedlinePlus through general categories like Disorders & Conditions, Diagnosis & Therapy, Demographic Groups, and Health & Wellness, or search by specific health topic. You will get the latest news and overviews, diagnosis and symptoms, treatments, related conditions and more on hundreds of health topics.

MedlinePlus National Library of Medicine
This online database of current, authoritative consumer health information from the National Library of Medicine includes exhaustive information from the National Institutes of Health and other trusted sources. Find information on over 500 diseases and conditions, a list of hospice and physicians, a medical encyclopedia and medical dictionary, health information in Spanish, extensive information on prescription and non-prescription drugs, health information from the media and links to thousands of clinical trials.

Health & Wellness Resource Center
Thomson-CSF Corporation (On-Site Access Only**)
The Health & Wellness Resource Center is a comprehensive resource that provides integrated access to medical, health and wellness information. It provides up-to-date reference material as well as full-text magazines, journals and pamphlets from a wide variety of authoritative medical sources. The resource provides access to a medical dictionary, a drug & herb finder, the latest health news, and alternative medicine information.

eMedicine.com Consumer Health
eMedicine's Consumer Health database contains more than 5,500 pages of health content written by physicians for patients and consumers. Each article is reviewed by two physicians.

Experience our stories at PCHandprints.org

Contact Us
Contact the VA Library Network Office.

as interlibrary loan. Please work with your local library if you need an item at a VA Library.
Learning Objectives

1. Use your online resources, hospital or AZHIN-Provided (brief)
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL EBM Search Engine and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
Logging into AHSL Resources with your NetID

• It is best to begin your search at the AHSL home page so you will be recognized as authenticated!

• If you are off campus, as soon as you select a resource to use, the system will request your NetID and password.
The first time you select a resource you will have to log in with your NetID and Password:

UA Library Access to Databases, E-Journals & E-Books

Students, faculty and staff, please login via WebAuth (at left) to use UA Library databases. For information on using WebAuth and your NetID to access library services, please see our Single Sign On FAQ.

When you finish, you should completely close all your browser windows to ensure your WebAuth session is ended.

Return to the UA Library.
What you can do at the library site (www.ahsl.arizona.edu)

- Locate books (electronic and print)
- Search and find articles
- Search databases, e.g., Medline, Web of Science, etc.
- Access MD Consult and other clinical reference tools
- Request items from Tucson and other libraries
- Use RefWorks to download and manage your references and create bibliographies
- Use AZHIN-based resources (if your hospital is a member)
- Ask a question of the librarian-on-duty
- Search databases other than medical, e.g., business...
- Find information to give to patients and staff
- And more...
Mobile Computing

Mobile Computing Resources
Welcome to the University of Arizona College of Medicine Mobile Computing resource page. Below is a list of resources and services available to all Medical Students and affiliates.

Biomedical Informatics Mobile Computing Session Resources
- Mobile Computing Session Resources
- Additional Mobile Computing e-Resources
- Dr. McNab's Medical Bookmarks

Mobile Computing Resources
- Medical PDA Software
- UA College of Medicine PDA Software Discounts
- Medical PDA Web Sites

Resources for Choosing Hardware and Software
- Medical Student PDA Recommendations
- Dave's PDA Place - PDA Comparison
- CNET.com
- Geek.com - PDA Geek

UVa Resources
- UVa Medical Student PDA Requirement
- UVa's Mobile Medicine
  A collection of resources for UVa School of Medicine students' mobile learning needs

Get Help
Library instructors are available to provide consultations on using your PDA as a medical information tool. For more information, please visit the AHSL PDA Support website.

Links
- Office of Medical Computing
- UA Computer & Technology Store
- Medical Student Laptop Requirement
- Order a Laptop
- Wireless Access
- Computer Based Training

UA Medicine Links
- ArizonaMed
- Net ID Information
- Software

Additional Links
- Create a NetID
- Create an E-Mail Account

http://mobile.med.arizona.edu/
Learning Objectives

1. Use *your* online resources, hospital or AZHIN-Provided
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL *EBM Search Engine* and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
## AHSL EBM Search Tools

**Evidence-Based Medicine**

### Search Results

**Browse Databases:** A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

**Databases by Subject:** Evidence-Based Medicine

<table>
<thead>
<tr>
<th>#</th>
<th>Title</th>
<th>Source</th>
<th>Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cochrane Library</td>
<td>Wiley InterScience</td>
<td>UA Only</td>
</tr>
<tr>
<td>2</td>
<td>EBM Reviews (All databases) – including the Cochrane Database of Systematic Reviews, ACP Journal Club, DARE, and CCTR</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>3</td>
<td>EBM Reviews – ACP Journal Club</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>4</td>
<td>EBM Reviews – Cochrane Central Register of Controlled Trials (CCTR)</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>5</td>
<td>EBM Reviews – Cochrane Database of Systematic Reviews</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>6</td>
<td>EBM Reviews – Database of Abstracts of Reviews of Effectiveness (DARE)</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>7</td>
<td>EBM Reviews Full Text – Cochrane DSR, ACP Journal Club, and DARE</td>
<td>Ovid Technologies</td>
<td>UA Only</td>
</tr>
<tr>
<td>8</td>
<td>National Guideline Clearinghouse (NGC)</td>
<td>AHRQ</td>
<td>Open</td>
</tr>
</tbody>
</table>
Now let's try one
UpToDate is now available off campus

Remote access to UpToDate now available!

UA faculty, students and staff can now access UpToDate from both on and off campus.

Please note:
1. To access, click on UpToDate from the AHSL web site or bookmark and use this special URL: http://www.ahsl.arizona.edu/information/databases/gateway.cfm?name=UpToDate&id=23605&instanceId=79480
2. You'll be prompted to enter your NetID and Password for both on-campus and off-campus access.

If you have any questions, contact the Information Desk at (520) 621-8028 or Ask a Health Librarian.

Note—Up to Date is NOT considered an EBM resource, but it can be a good place to begin, sort of like Wikipedia!
Learning Objectives

1. Use your online resources, hospital or AZHIN-Provided
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL **EBM Search Engine** and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
What PubMed can do for you

- Identify articles (or a certain article) on your topic
- Personalize settings (MyNCBI)
- Present search results in the format you create
- Enable you to download results for importing into RefWorks
- Run auto searches on a schedule you identify
- Enable you to request articles for libraries you select
- Search > 5,200 journals in many languages, published since 1948
- Provide quick tutorials in case you forget how to do something
- Enable you to set up a personalized MyNCBI Account
- Enable you to retrieve the actual article—sometimes...
On campus

Off campus

MEDLINE (PubMed)

On campus

An open access site from the National Library of Medicine.

Off campus

PubMed Tutorial
Note: You can go to PubMed directly, but by starting from the AHSL home page, you will be linked from the database TO items in the Library's collections.
PubMed Tips

• Create your My NCBI Account
  • Customize Display (preferences) and Searching Limits (highlighting, etc.)
  • Save, download, and email
  • Set up Alerts/Save Searches

• Notice and use the boxes on right
  • Clinical queries results
  • Articles with keyword in titles
  • Free full text
  • Search within
  • Search details/RSS feeds

For today...skip to Slide 42, p. 21
**Triple-Negative Breast Cancer: Epidemiology and Management Options.**

Dawood S.
Department of Medical Oncology, Dubai Hospital, Dubai Health Authority, Dubai, United Arab Emirates.

**Abstract**

The triple receptor-negative breast cancer (TNBC) subtype is characterized by the lack of expression of both hormone receptors as well as lack of overexpression and/or lack of gene amplification of human epidermal growth factor receptor 2 (HER2). Approximately 10-15% of all breast cancers are known to be of the TNBC subtype, which constitutes approximately 20% of all breast-like tumours. Risk factors for TNBC include young age at diagnosis, diagnosis, young age at menarche, high body mass index in African American ethnicity. The majority of ER/PR-ERBB2-negative breast cancers are TNBC. TNBC has a worse prognosis and tends to relapse early compared with other subtypes of breast cancer. Conversely, it displays increased chemosensitivity compared with other breast cancer subtypes. Several agents are currently being investigated as potential therapeutic agents for the treatment of women with TNBC including agents targeted against EGFR, anti-angiogenic agents, multidrug kinase inhibitors and poly (ADP-ribose) polymerase (PARP) inhibitors. This review focuses on the epidemiology of TNBC, its pathological features, natural history and outcome patterns as well as current and future management options.

PMID: 21803741 (Published - as supplied by publisher)

**Related citations**
Create your MyNCBI Account
Set Filters and Icons
Filters let you group results using tabs, and display icon links to full-text and other resources. You can add up to 5 filter tabs to your search results for each database and any number of multiple LinkOut icons.

The image above shows some search results. The "All" tab shows 144,112 results were found. The remaining tabs show that 3,087 of those articles were published in French, and 253 were published in the last 30 days. Tell me more about filters.

Choose a database

- PubMed
- Structure
- Conserved Domains
- GenSAT
- NLM Catalog
- Probe
- SNP
- Unigene
- Protein
- Genome
- 3D Domains
- GEO Profiles
- DMM
- Protein Clusters
- Taxonomy
- Nucleotide
- BioSystems
- Gene
- GEO DataSets
- Peptide
- PubChem BioAssay
- Toolkit
- GSS
- Books
- GeneTests
- HomoGene
- PMC
- PubChem Compound
- ToolkitInternal
- EST
- Cancer Chromosomes
- Genome Project
- NCBI Web Site
- PubSet
- PubChem Substance
- UniGene
Optional but handy
Single Citation Matcher

PubMed Single Citation Matcher

- Use this tool to find PubMed citations. You may omit any field.
- Journal may be the full title or the title abbreviation.
- For first and last author searching, use smith jc format.

Journal:
Date: yyyy/mm/dd (month and day are optional)
Volume: Issue: First page:
Author name (see help)

[ ] Only as first author [ ] Only as last author

Title words:

Go  Clear
Welcome to the PubMed Tutorial, the Web-based learning program that will show you how to search PubMed, the National Library of Medicine (NLM®) journal literature search system.

Please note that this tutorial is being updated to reflect the recent redesign of PubMed. Some screens and demos may be out of date at this time. (Seeing the Search) and subsequent pages as of November 30. Completion is expected in mid-December. To see a list of recent PubMed changes, go to PubMed's News/Announcements.

For brief tutorials on specific topics, see also the PubMed Quick Tour

Goals and Objectives

By the end of this course, you should be able to:

- Understand PubMed's scope and content.
- Understand how the MeSH vocabulary is used to describe and retrieve citations.
- Build a search using MeSH and PubMed search tools (Details, Limits, History, etc.)
- Manage your results using display, sort, the Clipboard, save, print, e-mail and order features and My NCBI filters.
- Cite your search strategies.
- Link to full-text articles and other resources.
- Use special queries and other PubMed/NCBI tools.

Setting requirements

The tutorial was designed to work on Windows® Operating System with Microsoft Internet Explorer® version 7.0 or with Firefox® version 3.0, and works best on Windows® computers using Mozilla Firefox® or Opera® 9.0. It contains animated demonstrations of procedures, for which you will need the Adobe® Flash™ player. The Flash player can be downloaded and installed at no cost from Adobe®. You may not be able to view the animated demonstrations if you are using another browser, such as Netscape® version 4 on Windows® or Mac®. For detailed documentation of the system requirements and known incompatibilities, please see the Tutorial FAQ.

Click Next to learn how to navigate through the modules of the PubMed Tutorial or click on PubMed Overview on the sidebar menu to jump right into learning about PubMed.
Click on Advanced Search
Learning Objectives

1. Use your online resources, hospital or AZHIN-Provided
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL *EBM Search Engine* and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
TRUE or FALSE?

http://mobile.med.arizona.edu/

Mobile Computing

Mobile Computing Resources
Welcome to the University of Arizona College of Medicine Mobile Computing resource page. Below is a list of resources and services available to all Medical Students and affiliates.

Biomedical Informatics Mobile Computing Session Resources
- Mobile Computing Session Resources
- Additional Mobile Computing e-Resources
- Dr. McNabb's Medical Bookmarks

Mobile Computing Resources
- Medical PDA Software
- UA College of Medicine PDA Software Discounts
- Medical PDA Web Sites

Resources for Choosing Hardware and Software
- Medical Student PDA Recommendations
- Dave's PDA Place - PDA Comparison
- CNET.com
- Geek.com - PDA Geek

UVa Resources
- UVa Medical Student PDA Requirement
- UVa's Mobile Medicine
  - A collection of resources for UVa School of Medicine students' mobile learning needs

Get Help
Library instructors are available to provide consultations on using your PDA as a medical information tool. For more information, please visit the AHSN PDA Support website.
About DynaMed

What Is DynaMed?

DynaMed is a clinical reference tool created by physicians for physicians and other health care professionals for use primarily at the "point-of-care". With clinically-organized summaries for more than 3,000 topics, DynaMed is the only evidence-based reference shown to answer most clinical questions during practice. Based on the results of a study published in *Annals of Family Medicine* (November/December 2005), not only did primary care clinicians answer more clinical questions with access to DynaMed than without DynaMed, but these clinicians also found more answers in DynaMed that changed clinical decisions.

DynaMed is updated daily and monitors the content of over 500 medical journals and systematic evidence review databases directly and indirectly by using many journal review services. Each publication is reviewed cover-to-cover, and each article is evaluated for clinical relevance and scientific validity. The new evidence is then integrated with existing content, and overall conclusions are changed as appropriate representing a synthesis of the best available evidence. Through this process of systematic literature surveillance, the best available evidence determines the content of DynaMed.

- Mission
- Easy Navigation
- Technical Specifications
- FAQ
Online health and medical Sites

www.pubmed.gov
www.medlineplus.gov
www.azgolocal.org
www.azhealthinfo.org
www.webmd.com
www.nia.nih.gov
www.aarp.org
http://cdc.gov/

http://www.ama-assn.org
http://familydoctor.org
www.Healthfinder.gov
http://www.mayoclinic.com
www.KidsHealth.org
http://www.4woman.gov
http://www.noah-health.org
http://caphis.mlanet.org
Guidelines for determining website authority

- **Who is the sponsor?** Provides insight on the credibility of information published on the site.

- **How current is it?** Should be updated frequently; as health information changes constantly.

- **Does it espouse an opinion? Or present documented facts?** If facts, can be verified from a primary information source.

- **Who is the target audience?** Should clearly state whether the information is intended for the consumer or the health professional.

- **Is it the official site of an organization? Or a personal blog? Or??**

  - [http://www.mlanet.org/resources/userguide.html](http://www.mlanet.org/resources/userguide.html)
AHSL-Phx Librarians

- **AHSL Phoenix**
  550 East Van Buren Street
  (Bldg 1, Room 1256)
  (602) 827-2013 (Jacque Doyle)
  (602) 827-2062 (Lindsey Greene/front desk)

- **AHSL Tucson**
  1501 N. Campbell Ave. PO Box 245079
  Tucson, AZ 85724
  (520) 626-6125 - Front Desk
7 Things You Didn’t Know About Senate Health

Bill From NPR

November 30, 2009 by standbold

Pay attention: The “Patient Protection and Affordable Care Act” — better known as the Senate health care overhaul bill — is chock full of interesting but little publicized provisions affecting consumers. Sure, the bill is mainly a blueprint for overhauling the insurance system. But look closely and you'll see a variety of items that would affect people from the cradle to the grave — from breast pumps to retiree health benefits. It’s a congressional tradition, adding pet interests that otherwise might not pass to a big bill that at least will be put up for a vote.

Yes, there’s plenty of time to change the bill. But political analysts say a final overhaul bill would more likely look like this measure than the version already approved by the House because Senate Democrats barely could agree on sending it to the floor for debate. In short, there’s not much political room for major changes.

Here are some examples of what lies in this 2,874-page bill:

1. Nursing Mothers Get a Break
2. Learning to Be an Adult
3. Retiree Health Benefits
4. Promoting Use Of Bone Density Scans
5. Setting ER Prices
6. Slaying The Blues
7. Transparency in Drug Pricing

Read the entire post here: http://wp.npr.org/template/story/

Tagged: medical economics | tagged: health care reform, medical ethics | Leave a Comment |
Learning Objectives

1. Use your online resources, hospital or AZHIN-Provided
2. Use the AHSL online via your NetID
3. Find the evidence using the AHSL EBM Search Engine and other clinical tools
4. Search PubMed effectively
5. Use other resources, websites and search engines
Many thanks
Many thanks

Jacque Doyle
jddoyle@email.arizona.edu
602-827-2031 Office
602-678-5976 Mobile
In the 550 Bldg, aka Bldg 1, corner of Van Buren and 5th St.