

## Lane Medical Library

# *Surgery Research Bootcamp 2018*

## *Biomedical Research Toolkit*

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### Part 1: QUICKLY FIND JOURNALS, BOOKS, VIDEOS, AND ARTICLES

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#### LANE LIBRARY WEBSITE: [lane.stanford.edu](http://lane.stanford.edu)

You can use the default **Lane Search** to locate specific books, journals, and individual articles.

**MYLANE:** You can activate your **MyLane** account and use it to bookmark databases/ebooks/etc. that you use frequently from Lane (or any other website if you use the bookmarklet).

#### EXAMPLES:

- Locate and bookmark: *Advanced concepts in surgical research*
- Locate and bookmark: *Healthcare simulation education : evidence, theory & practice*
- Locate and bookmark: *PolicyMap*
- Locate and bookmark to MyLane: **COVIDENCE.ORG**
- Locate and bookmark to MyLane: **ORCID.ORG**

#### LANE LIBRARY PORTALS:

- [Surgery](#)
- [Global Health](#)
- [Population Health](#)

#### MAIN CAMPUS CATALOG: [searchworks.stanford.edu](http://searchworks.stanford.edu)

Access **all** of Stanford's journals, books, digital maps, data, government documents, databases, etc. Run a search on *flipped classroom*

**DOCXPRESS:** Need an article or book that we Stanford doesn't own? Register with DocXpress:

<http://docxpress.stanford.edu> and we'll help you get it!

#### EXAMPLE:

*Endovascular prosthetic repair of abdominal aortic aneurysm combined with crossover femorofemoral bypass grafting* Click on the Stanford icon, then the *Lane DocXpress* link to order it. No charge!

**LITERATURE SEARCH SERVICES:** Literature reviews (systematic; case reports; etc.) are a value-added service available for current members of the Stanford Medicine community. The project lead and point-of-contact to Lane must be a Stanford affiliate: <http://lane.stanford.edu/using-lib/lit-search-service.html>

**GETTING HELP, ASKING FOR STUFF:** Use "Live Chat" or "Ask Us" if you have a question. You can also ask for help from your divisions/department's library liaison: <http://lane.stanford.edu/about/liaisons.html>

## Part 2: EIGHT TIPS FOR PUBMED!

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1. **MY NCBI AUTOALERTS:** Create a *My NCBI* account to save your search and set up an alert service. New references that are added to PubMed will be emailed to you. Allows you to select colored search-term highlights in preferences. *surgeryboot2018*
2. **BEST MATCH:** Run a search and change the *Sort by* display to *Best Match*  
*difficult vascular access AND pediatric\**
3. **WILDCARDS:** Use the asterisk \* as a wildcard for term variants,  
*forearm AND fracture\** gets you *fracture, fractures*, etc.
4. **PHRASE SEARCHING:** Use quotes when looking for a phrase  
*"developing counties"*
5. **OPERATORS:** The key PubMed search operators are "AND," "OR," "NOT." MUST be in upper case!  
*"wound healing" NOT cadaver\**  
*resident\* AND wellness Why so many? Look at Search Details*  
*resident\* AND stress OR burnout Why so many?*  
*resident\* AND (stress OR burnout) Parentheses! Better results.*
6. **TAGS:** Use PubMed field tags to search particular field(s) within a reference.
  - o **[ti] TITLE** searching is an incredibly effective initial strategy as it quickly retrieves highly relevant citations that you can build from.  
*(uninsured [ti] OR underinsured [ti]) AND surgery [ti]*
  - o **[tw] TEXTWORD** searching is a broad search of multiple fields within a reference, *not* the full text of the article. These fields include: Title, Abstract, Medical Subject Headings, and Author Keywords.  
*(uninsured [tw] OR underinsured [tw]) AND surgery [tw]*
  - o **[mesh] MEDICAL SUBJECT HEADINGS.** Standardized headings that retrieve synonyms for a particular term, e.g., the mesh term *kidney calculi* will retrieve articles where the authors use synonyms like *kidney stones, renal calculi, nephrolithiasis, etc.* Roughly 90% of PubMed contains mesh.  
*"medically uninsured" [mesh] AND "Surgical Procedures, Operative" [mesh]*
7. **SEARCH FILTERS:** Limits include language, age group, subject (e.g., bioethics), date range, and study type.
8. **SEARCH STRING FOR CHILDREN/PEDIATRICS :** *Adapted by Christopher Stave, MLS from a strategy developed by Nicole Capdarest-Arest, MA (LIS)*

(infan\* [tw] OR newborn\* [tw] OR "new-born" [tw] OR "new borns" [tw] OR perinat\* [tw] OR neonat\* [tw] OR baby [tw] OR baby\* [tw] OR babies [tw] OR toddler\* [tw] OR minors [tw] OR child [tw] OR child\* [tw] OR children\* [tw] OR shoolchild\* [tw] OR schoolchild [tw] OR "school child" [tw] OR "school children" [tw] OR adolescen\* [tw] OR juvenil\* [tw] OR youth\* [tw] OR teen\* [tw] OR "under age" [tw] OR pubescen\* [tw] OR prepubesc\* [tw] OR pediatric\* [tw] OR paediatric\* [tw] OR "Nursery school" [tw] OR kindergar\* [tw] OR "primary school" [tw] OR "secondary school" [tw] OR "elementary school" [tw] OR "high school" [tw] OR "primary schools" [tw] OR "secondary schools" [tw] OR "elementary school" [tw] OR "high schools" [tw] OR

highschool\* [tw] OR "infant" [mesh] OR "Child"[mesh] OR "Adolescent"[mesh] OR "Minors" [mesh] OR "Puberty" [mesh] OR "Pediatrics" [mesh])

### **Part 3: EXPLORATION TOOLS: MANAGE YOUR REFERENCES/PDFS/BIBLIOGRAPHIES EFFICIENTLY!**

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**Managing references/PDFs/bibliographies:** If you haven't done so already, you should select an application that can organize your references, PDFs, webpages, and bibliographies. You should **NEVER** create a bibliography by hand again. Ever.

#### **ZOTERO**

**Description:** Excellent, free application that works as a web browser plug-in or separate client. Terrific for grabbing items off the web (references, web pages, some PDFs). Works for Mac and Windows. You can use it to create Groups that you can then share with others.

**Step 1:** Create an account here: <http://zotero.org>.

**Step 2:** Download Zotero for your operating system. Also, download the plugin for your browser.

**Step 3:** Make sure the MS Word plugin was automatically installed.

**Step 4:** In either PubMed or Google Scholar, run a search. Once you get some results, you'll now see a small yellow folder icon near the "Z" icon. Click this, and choose the references you want to save.

**Step 5:** As you explore the web, you'll see the yellow folder icon change as Zotero detects different types of web content; e.g., a webpage.

**Step 6:** For accessing PDFs from a reference within Zotero:

Go to "Actions/Preferences/Advanced" and add the following URL to the "OpenURL/Resolver" box: <http://sfx.stanford.edu/local?sfx.directlink=off&>

You can then use the little green arrow "Locate" pull-down to choose "Library Lookup" to find the article

**Step 7:** Open MS Word and create a new document. You should see Zotero options under a tab labeled "Zotero."

**Step 8:** Use the "Add/Edit Citations" option to choose a bibliography style *and* start adding your citations to a document.

**Step 9:** Use "Document Preferences" to change the bibliography style.

**Step 10:** Highlight in-text references and use "Add/Edit" to delete a reference

**Purchase:** FREE! Unless you want extra space on the Zotero

**Tutorial:** Tutorials are here: [http://www.zotero.org/support/screencast\\_tutorials](http://www.zotero.org/support/screencast_tutorials)

#### **ENDNOTE**

- **Description:** Both Mac and Windows compatible, Endnote can organize references from PubMed, retrieve articles automatically for those references, and then generate auto-formatted bibliographies.
- **Download:** Load the free full-version trial here: <http://endnote.com/downloads/30-day-trial>
  - Go to "Preferences/Find Full Text" and put, <http://sfx.stanford.edu/local?sfx.directlink=off&> in the "OpenURL Path" box
  - Next, add <http://lane.stanford.edu/secure/login.html> to the "URL" box if you're working from home.
- **Importing References:** For *PubMed*, select the references you want to download by clicking in reference "check boxes." You can also download *all* references by not clicking on *any* check boxes. Next, in PubMed, choose "Send To," click on "File," click on "Format" and choose "MEDLINE," click on "Create File." If you're using Firefox, you'll be asked if you'd like to open with an application, so choose "EndNote" to open the file directly. Otherwise, download the file to your hard drive and use

EndNote's "Import" function by choosing "Import" and selecting the downloaded file, then "Import Option," then "Other Filters" and then "PubMed (NLM)." You can then import the downloaded file.

- **Tutorial:** Lots are available (e.g., "How to use EndNote in 7 minutes") here: <http://endnote.com/if/endnote-video-training>
- **Purchase:** To purchase the full program through Stanford Bookstore (\$90.00) visit: <http://www.stanford.edu/group/bookstore/SUprices/softwarecart.html>

## Part 4: BEYOND PUBMED! EXPLORING OTHER DATABASES

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**Choosing Databases:** As a Stanford affiliate, you have access to an amazing array of electronic databases and databanks. Not sure where to start? Contact a research librarian at Lane Library.

- **WEB OF SCIENCE:** Multi-disciplinary, includes global health, tracks number of times articles are cited. *septic shock AND vasopressin AND norepinephrine* Run the search, then sort by Times Cited
- **GSB Library business resources:** HealthCare <http://libguides.stanford.edu/healthcare-industry>  
*Virtual reality*

## Part 5: GOOGLE TIPS! GOOGLE AND/OR GOOGLE SCHOLAR

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Standard literature databases may miss useful information on your research topic, perhaps because the item is a meeting abstract, a website, or a sliver of information buried in the full-text of an article. That's why it's generally prudent to consider running supplemental searches in Google and/or Google Scholar.

**GOOGLE: SITE:** When a website's search engine feels "under powered," you can use Google's "SITE:" option to search the website from within Google.

*"bariatric surgery" -site:.com  
surgery grand rounds site:stanford.edu*

**GOOGLE: FILETYPE: PPT and more.** You can limit searches to certain types of files, e.g., PPT, DOC, PDF.

*surgery debriefing simulation filetype:ppt*

**GOOGLE SCHOLAR: DEEP SEARCHING:** <http://scholar.google.com> Run a deep search of many full-text articles with Google Scholar. It's a terrific way getting at terms or phrases that don't show up in titles or abstracts in traditional databases like PubMed.

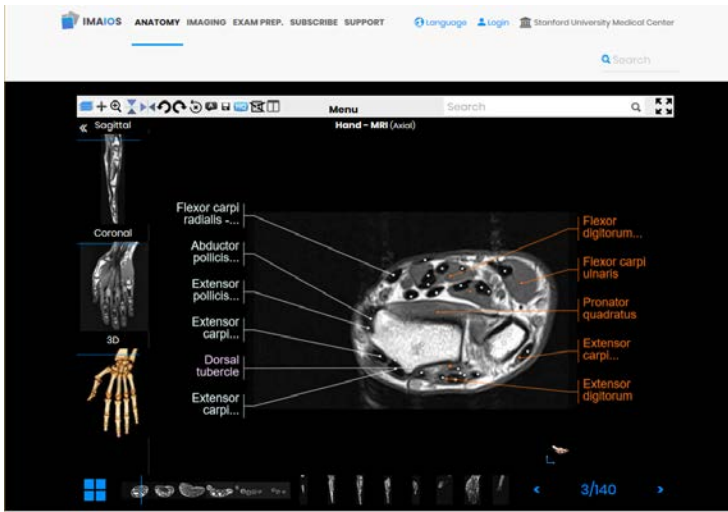
*postoperative pain validated child*

**Downloading:** Google Scholar has a "Settings" icon on the initial page that will allow you activate an "Import to EndNote" link on your search results.

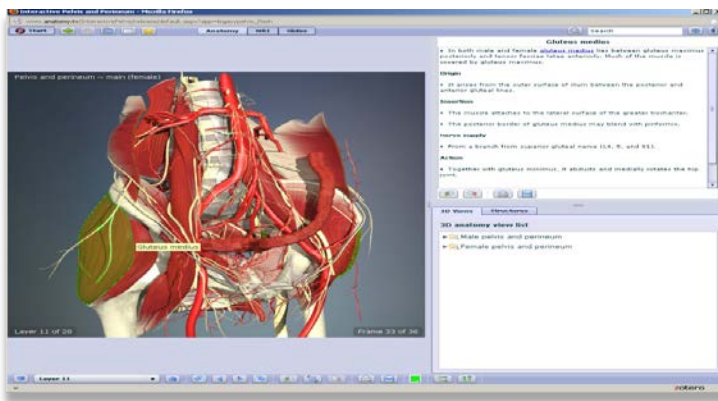
## Part 6: COOL PICTURES! ENHANCING YOUR RESEARCH WITH IMAGES

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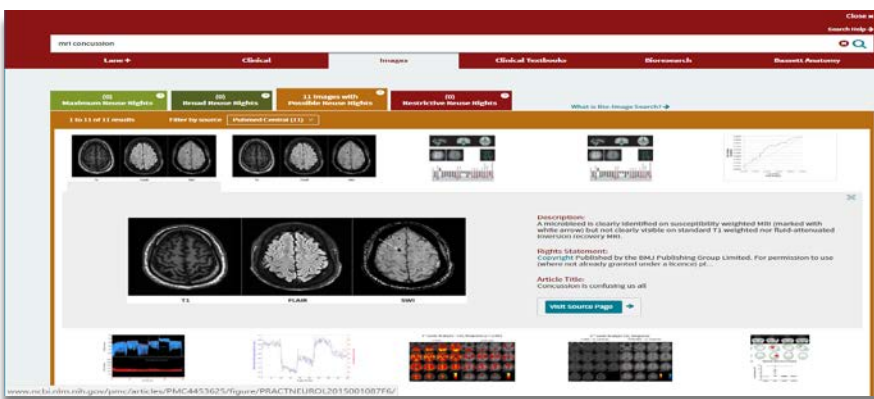
**e-Anatomy:** Connect to the body region of interest, then use your mouse-wheel to roll through layers of MRI and CT images. Very popular with radiologists and surgeons as a teaching tool. Search for *e-anatomy* in the *Lane Search* box.



**AnatomyTV:** Similar to e-Anatomy with modules focused on body regions. Truly 3-D in that it allows viewing by layer, rotation, zoom-in/zoom-out. Search *anatomytv* in the *Lane Search* box.



**Lane Library IMAGES Search:** Searches multiple image resources, including the Bassett Collection, the Wellness Institute, PubMed Central, etc., and filters based on image reuse permissions.

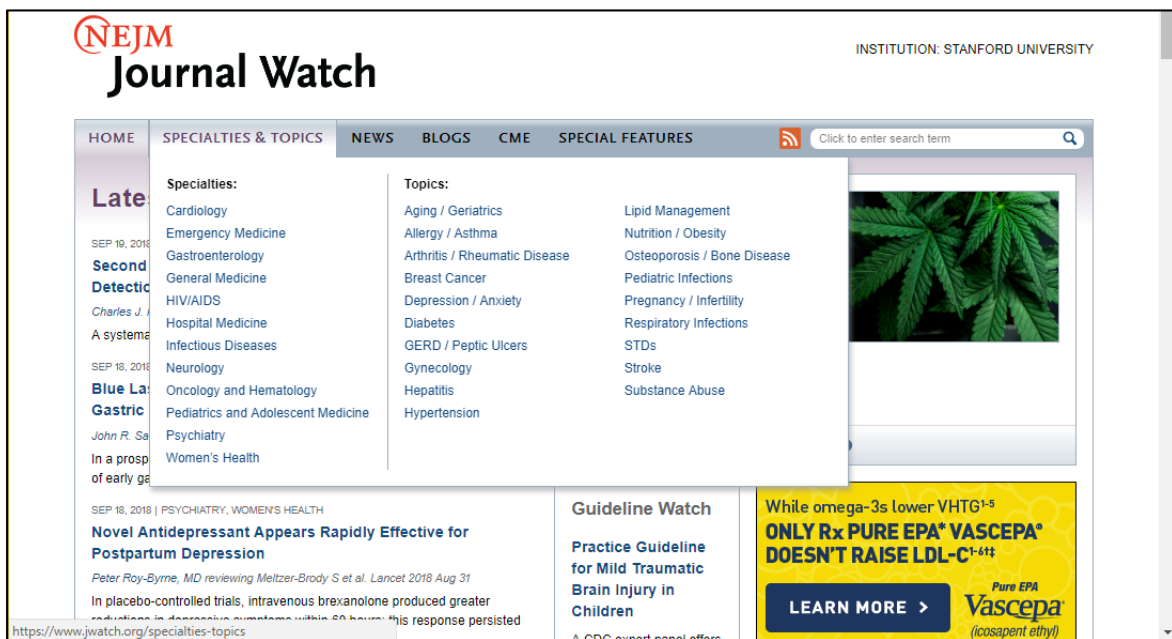


## Part 7: KEEPING UP WITH THE LATEST RESEARCH IN MEDICINE

**BROWZINE:** Instructions for downloading: <http://libguides.stanford.edu/browzine> Find, read, and monitor thousands of scholarly journals available from your university or college library, or through Open Access publishers, covering all disciplines. Browse titles by subject to easily find journals of interest; easily view table of contents of current past journals; create a personal bookshelf of favorite journals; save articles to Zotero, Dropbox, and other services; share with other researchers by posting to Facebook, Twitter and more. iPad only.



**NEJM JOURNAL WATCH:** Access: type *journal watch* into the Lane Search box. Journal Watch reviews over 250 scientific and medical journals. The physician-editors survey high-impact medical journals in 13 specialty areas to identify key findings. The summaries are presented with a clinical perspective and expert commentary. After registering, users can receive specialty OR topic updates e.g., HOSPITAL MEDICINE, a medical newsletter, and new CME exams.



**NEJM Journal Watch**  
INSTITUTION: STANFORD UNIVERSITY

HOME SPECIALTIES & TOPICS NEWS BLOGS CME SPECIAL FEATURES

Click to enter search term

**Specialties:**

- Cardiology
- Emergency Medicine
- Gastroenterology
- General Medicine
- HIV/AIDS
- Hospital Medicine
- Infectious Diseases
- Neurology
- Oncology and Hematology
- Pediatrics and Adolescent Medicine
- Psychiatry
- Women's Health

**Topics:**

- Aging / Geriatrics
- Allergy / Asthma
- Arthritis / Rheumatic Disease
- Breast Cancer
- Depression / Anxiety
- Diabetes
- GERD / Peptic Ulcers
- Gynecology
- Hepatitis
- Hypertension
- Lipid Management
- Nutrition / Obesity
- Osteoporosis / Bone Disease
- Pediatric Infections
- Pregnancy / Infertility
- Respiratory Infections
- STDs
- Stroke
- Substance Abuse

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SEP 18, 2018 | PSYCHIATRY, WOMEN'S HEALTH  
**Novel Antidepressant Appears Rapidly Effective for Postpartum Depression**  
Peter Roy-Byrne, MD reviewing Meltzer-Brody S et al. Lancet 2018 Aug 31  
In placebo-controlled trials, intravenous brexanolone produced greater  
response in depressive symptoms within 60 hours; this response persisted

**Guideline Watch**

Practice Guideline  
for Mild Traumatic  
Brain Injury in  
Children

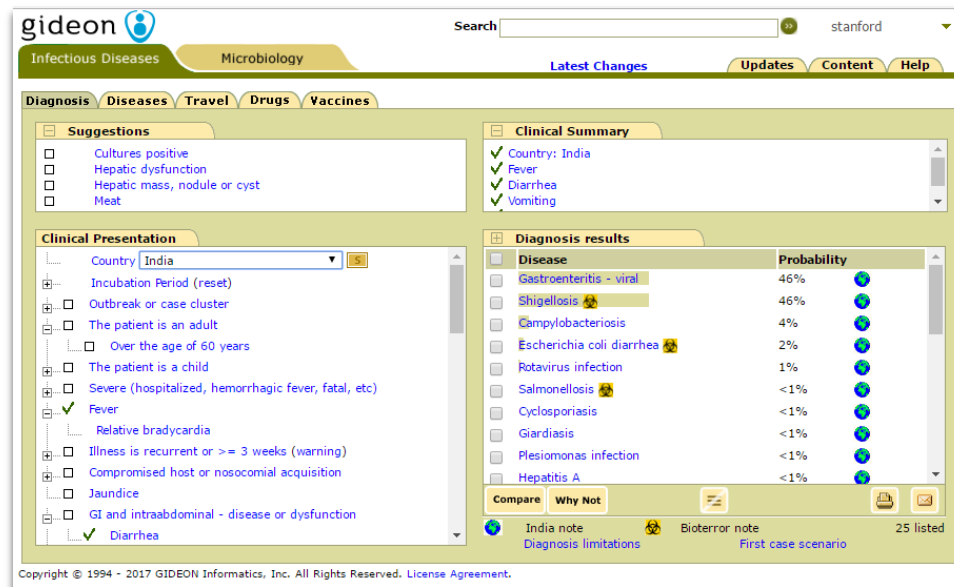
While omega-3s lower VHTG<sup>1-5</sup>  
**ONLY Rx PURE EPA® VASCEPA®**  
**DOESN'T RAISE LDL-C<sup>1-4††</sup>**

**LEARN MORE >** Pure EPA Vascepa (icosapent ethyl)



## Part 8: GIDEON: INFECTIOUS DISEASES DX/EPIDEMIOLOGY TOOL

**GIDEON:** type *gideon* into the Lane Search box. *Global Infectious Diseases and Epidemiology Network (GIDEON)* provides a web-based medical decision support web application on infectious diseases and microbiology.



## SUPPLEMENTAL INFORMATION ON PUBMED

### CHILDREN/PEDIATRICS

Adapted by Christopher Stave, MLS from a strategy developed by Nicole Capdarest-Arest, MA (LIS)

(infan\* [tw] OR newborn\* [tw] OR "new-born" [tw] OR "new borns" [tw] OR perinat\* [tw] OR neonat\* [tw] OR baby [tw] OR baby\* [tw] OR babies [tw] OR toddler\* [tw] OR minors [tw] OR child [tw] OR child\* [tw] OR children\* [tw] OR shoolchild\* [tw] OR schoolchild [tw] OR "school child" [tw] OR "school children" [tw] OR adolescen\* [tw] OR juvenil\* [tw] OR youth\* [tw] OR teen\* [tw] OR "under age" [tw] OR pubescen\* [tw] OR prepubesc\* [tw] OR pediatric\* [tw] OR paediatric\* [tw] OR "Nursery school" [tw] OR kindergar\* [tw] OR "primary school" [tw] OR "secondary school" [tw] OR "elementary school" [tw] OR "high school" [tw] OR "primary schools" [tw] OR "secondary schools" [tw] OR "elementary school" [tw] OR "high schools" [tw] OR highschool\* [tw] OR "infant" [mesh] OR "Child"[mesh] OR "Adolescent"[mesh] OR "Minors" [mesh] OR "Puberty" [mesh] OR "Pediatrics" [mesh])

### LOW INCOME COUNTRIES

(Afghanistan [tw] OR Benin [tw] OR Burkina Faso [tw] OR Burundi [tw] OR Central African Republic [tw] OR Chad [tw] OR Comoros [tw] OR Congo, Dem. Rep. [tw] OR Eritrea [tw] OR Ethiopia [tw] OR Gambia, The [tw] OR Guinea [tw] OR Guinea-Bissau [tw] OR Haiti [tw] OR Korea, Dem. People's Rep. [tw] OR Liberia [tw] OR Madagascar [tw] OR Malawi [tw] OR Mali [tw] OR Mozambique [tw] OR Nepal [tw] OR Niger [tw] OR Rwanda [tw] OR Senegal [tw])

OR Sierra Leone [tw] OR Somalia [tw] OR South Sudan [tw] OR Tanzania [tw] OR Togo [tw] OR Uganda [tw] OR “low income countries” [tw] OR “resource poor” [tw] OR “Low income nations” [tw] OR “Developing countries” [tw] OR (Low [ti] AND income [ti] AND (countr\* [ti] OR nation\* [ti]))

### **LOW AND LOW-MIDDLE COUNTRIES**

(Afghanistan [tw] OR Benin [tw] OR “Burkina Faso” [tw] OR Burundi [tw] OR “Central African Republic” [tw] OR Chad [tw] OR Comoros [tw] OR Congo [tw] OR Eritrea [tw] OR Ethiopia [tw] OR Gambia [tw] OR Guinea [tw] OR “Guinea-Bissau” [tw] OR Haiti [tw] OR “north Korea” [tw] OR Liberia [tw] OR Madagascar [tw] OR Malawi [tw] OR Mali [tw] OR Mozambique [tw] OR Nepal [tw] OR Niger [tw] OR Rwanda [tw] OR Senegal [tw] OR “Sierra Leone” [tw] OR Somalia [tw] OR “South Sudan” [tw] OR Tanzania [tw] OR Togo [tw] OR Uganda [tw] OR Zimbabwe [tw] OR Armenia [tw] OR Bangladesh [tw] OR Bhutan [tw] OR Bolivia [tw] OR “Cabo Verde” [tw] OR Cambodia [tw] OR Cameroon [tw] OR “Côte d'Ivoire” [tw] OR Djibouti [tw] OR Egypt [tw] OR “El Salvador” [tw] OR Ghana [tw] OR Guatemala [tw] OR Honduras [tw] OR India [tw] OR Indonesia [tw] OR Kenya [tw] OR Kiribati [tw] OR Kosovo [tw] OR “Kyrgyz Republic” [tw] OR laos [tw] OR “Lao PDR” [tw] OR Lesotho [tw] OR Mauritania [tw] OR Micronesia [tw] OR Moldova [tw] OR Mongolia [tw] OR Morocco [tw] OR Myanmar [tw] OR Nicaragua [tw] OR Nigeria [tw] OR Pakistan [tw] OR “Papua New Guinea” [tw] OR Philippines [tw] OR Samoa [tw] OR “São Tomé and Príncipe” [tw] OR “Solomon Islands” [tw] OR “Sri Lanka” [tw] OR Sudan [tw] OR Swaziland [tw] OR syria [tw] OR Tajikistan [tw] OR “Timor-Leste” [tw] OR Tonga [tw] OR Tunisia [tw] OR Ukraine [tw] OR Uzbekistan [tw] OR Vanuatu [tw] OR Vietnam [tw] OR “West Bank” [tw] OR Gaza [tw] OR Yemen [tw] OR Zambia [tw] OR “low income countries” [tw] OR “resource poor” [tw] OR “Low income nations” [tw] OR “Developing countries” [tw] OR (Low [ti] AND income [ti] AND (countr\* [ti] OR nation\* [ti])))

### **LOW, LOW-MIDDLE, AND MIDDLE INCOME COUNTRIES**

(Afghanistan [tw] OR Benin [tw] OR “Burkina Faso” [tw] OR Burundi [tw] OR “Central African Republic” [tw] OR Chad [tw] OR Comoros [tw] OR Congo [tw] OR Eritrea [tw] OR Ethiopia [tw] OR Gambia [tw] OR Guinea [tw] OR “Guinea-Bissau” [tw] OR Haiti [tw] OR “north Korea” [tw] OR Liberia [tw] OR Madagascar [tw] OR Malawi [tw] OR Mali [tw] OR Mozambique [tw] OR Nepal [tw] OR Niger [tw] OR Rwanda [tw] OR Senegal [tw] OR “Sierra Leone” [tw] OR Somalia [tw] OR “South Sudan” [tw] OR Tanzania [tw] OR Togo [tw] OR Uganda [tw] OR Zimbabwe [tw] OR Armenia [tw] OR Bangladesh [tw] OR Bhutan [tw] OR Bolivia [tw] OR “Cabo Verde” [tw] OR Cambodia [tw] OR Cameroon [tw] OR “Côte d'Ivoire” [tw] OR Djibouti [tw] OR Egypt [tw] OR “El Salvador” [tw] OR Ghana [tw] OR Guatemala [tw] OR Honduras [tw] OR India [tw] OR Indonesia [tw] OR Kenya [tw] OR Kiribati [tw] OR Kosovo [tw] OR “Kyrgyz Republic” [tw] OR laos [tw] OR “Lao PDR” [tw] OR Lesotho [tw] OR Mauritania [tw] OR Micronesia [tw] OR Moldova [tw] OR Mongolia [tw] OR Morocco [tw] OR Myanmar [tw] OR Nicaragua [tw] OR Nigeria [tw] OR Pakistan [tw] OR “Papua New Guinea” [tw] OR Philippines [tw] OR Samoa [tw] OR “São Tomé and Príncipe” [tw] OR “Solomon Islands” [tw] OR “Sri Lanka” [tw] OR Sudan [tw] OR Swaziland [tw] OR syria [tw] OR Tajikistan [tw] OR “Timor-Leste” [tw] OR Tonga [tw] OR Tunisia [tw] OR Ukraine [tw] OR Uzbekistan [tw] OR Vanuatu [tw] OR Vietnam [tw] OR “West Bank” [tw] OR Gaza [tw] OR Yemen [tw] OR Zambia [tw] OR “low income countries” [tw] OR “resource poor” [tw] OR “Low income nations” [tw] OR “Developing countries” [tw] OR (Low [ti] AND income [ti] AND (countr\* [ti] OR nation\* [ti]))) OR (Albania [tw] OR Algeria [tw] OR “american Samoa” [tw] OR Angola [tw] OR Azerbaijan [tw] OR Belarus [tw] OR Belize [tw] OR Bosnia [tw] OR Herzegovina [tw] OR Botswana [tw] OR Brazil [tw] OR Bulgaria [tw] OR China [tw] OR Colombia [tw] OR Costa Rica [tw] OR Cuba [tw] OR Dominica [tw] OR “Dominican Republic” [tw] OR Ecuador [tw] OR “Equatorial Guinea” [tw] OR Fiji [tw] OR Gabon [tw] OR Georgia [tw] OR Grenada [tw] OR Guyana [tw] OR Iran [tw] OR Iraq [tw] OR Jamaica [tw] OR Jordan [tw] OR Kazakhstan [tw] OR Lebanon [tw] OR Libya [tw] OR Macedonia [tw] OR Malaysia [tw] OR Maldives [tw] OR “Marshall Islands” [tw] OR Mauritius [tw] OR Mexico [tw] OR Montenegro [tw] OR Namibia [tw] OR Palau [tw] OR Panama [tw] OR Paraguay [tw] OR Peru [tw] OR Romania [tw] OR “Russian Federation” [tw] OR Russia [tw] OR Serbia [tw] OR “South Africa” [tw] OR “St. Lucia” [tw] OR “St. Vincent” [tw] OR Grenadines [tw] OR Suriname [tw] OR Thailand [tw] OR Turkey [tw] OR Turkmenistan [tw] OR Tuvalu [tw] OR Venezuela [tw] OR “low and middle income” [ti] OR “middle income” [ti])



## SUPPLEMENTAL INFORMATION ON MOBILE APPS

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### VISUALDX

- From on campus, with your phone and laptop, on your laptop go to <http://lane.stanford.edu> and select VisualDx from the Top Resources
- To get the mobile version, select the icon near the bottom center of the VisualDx homepage: “Get the Mobile App.”
- Follow instructions in the pop-up window
- On your mobile device, download the app for VisualDx from your app store
- Open the app on your device and log in using the username and password you just created
- You can also find this information at <https://www.visualdx.com/frequently-asked-questions>

### UPTODATE

You now have the option of downloading the content of UpToDate -- with or without graphics -- to your mobile device. This means, you don't need a live internet connection to access UpToDate! However, good Wi-Fi access is required for initial download and full content updates.

- From on campus, with your phone and laptop, on your laptop go to <http://lane.stanford.edu> and select UpToDate from *Top Resources*
- From UpToDate landing page, select “Register” link (upper right of page)
- Once you've registered for a username and password, download the app for your device
- Open the app on your device and log in using the username and password you just created
- You can also find this information at <http://www.uptodate.com/home/how-access-uptodate>
- Users will have these options in UpToDate MobileComplete:
  - No Offline Content,
  - Topics, requiring a minimum of 400 MB of local storage, or
  - Topics and Graphics, requiring a minimum of 1.1 GB of local storage
- Users will not be forced to download the UpToDate MobileComplete offline content. It is optional.

### DYNA MED

- From on campus, with your phone and laptop, on your laptop go to <http://lane.stanford.edu> and select DynaMed Plus from the Top Resources
- Once in DynaMed, choose the “get the DynaMed Plus Mobile App” link from the left column Spotlight section
- You will be prompted for your email address to get instructions for obtaining the app
- DynaMed will email you immediately, open the email on your phone
- For additional download assistance, check <http://bit.ly/DynamedPlusMobile>

### MICROMEDEX

- In the App Store Download Micromedex Drug Ref, Drug Interactions, and IV Compatibility
- Go to Lane's website <http://lane.stanford.edu>
- Select Micromedex from Top Resources
- Go to 'Download Center' in the upper right corner or 'Download Mobile Apps' bottom right.
- Updated passwords are posted there for each app

- For additional download assistance, check <http://bit.ly/MicromedexMobile>