Getting the Most Out of R1: Library and Information Resources

July 2016
Introductions

- Dr. Wes Jackson
- Helen Lee Robertson
Session Objectives

Who: People and places

What: Using the Health Sciences Library, Knowledge Resource Services websites and Research Guides to help you with: **Point of Care Resources, ClinicalKey, visualDX**

Where: Mobile, off-site access, ezproxy

Why: Clinical Scenarios + Presentations

How: For more help....
## Session Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 10:15 AM</td>
<td>Finding Answers Fast:</td>
</tr>
<tr>
<td></td>
<td>1. Introduction to U of C Point of Care Resources</td>
</tr>
<tr>
<td></td>
<td>2. Useful Websites and Apps</td>
</tr>
<tr>
<td>10:15 - 10:30 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:30 – 11:30 AM</td>
<td>Group Work – clinical cases</td>
</tr>
</tbody>
</table>
Setting Up

ID Cards

– [http://www.ucalgary.ca/unicard/](http://www.ucalgary.ca/unicard/)
– IT Username and password

Don’t have an IT account yet?

• [https://itregport.ucalgary.ca/](https://itregport.ucalgary.ca/)

Streamline login

• HSL icon on tablet/phone [http://library.ucalgary.ca/hsl](http://library.ucalgary.ca/hsl)
• KRS icon on tablet/phone [http://krs.libguides.com](http://krs.libguides.com)
• Setting up your passwords to “on”/“automatic”/“saved”
Off-Site Authentication
Subject Guides: Medicine

Find all resources related to a particular subject.

16 Databases found for Medicine

Best Bets!

MEDLINE (OVID) **Best Bet**
Covers the international literature on biomedicine, including the allied health fields and the biological and physical sciences, humanities, and information science as they relate to medicine and health care.

more...

PubMed **Best Bet**
Database from US National Library of Medicine covering medicine, nursing, dentistry, veterinary medicine, molecular biology, the health care system, and the preclinical sciences.

more...

Anatomy.tv
Database contains rotatable 3D models of the human body and anatomical layers which may be stripped away. Includes interactive head & neck, shoulder, hand, thorax & abdomen, spine, pelvis & perineum, hip, knee, and foot. Also included are common pathologies, radiological content, and interactive quizzes.
http://libguides.ucalgary.ca/hsl
Welcome!

I am here to assist family medicine clerks, residents and clinicians with the following information needs:

- Provide guidance and advice regarding literature searching for family medicine research
- Book an orientation or library instruction session
- Conduct comprehensive literature searches, including systematic reviews, for faculty/staff research projects

Please feel free to contact me for any of the above or to suggest ways to improve this guide.

Health news from CBC

- High anxiety, distress levels in teens counter 'prime of life' image
- Don't look at the clock! And 7 other tips to beat dreaded insomnia
- Young athletes with concussion show less blood flow, smaller frontal lobes in brain study
- Who is at greater risk for insomnia?
- Air Canada passenger pricked by lancet left in seat pocket on flight to Hawaii

News from Health Canada

- Health Minister announces funding for First Nations health facilities in Alberta
- Health Canada Allowing Immediate Access to Naloxone Nasal Spray
- Health Minister announces funding for First Nations health facilities in Manitoba
- Fact Sheet: Jordan’s Principle - Addressing the Needs of First Nations Children
http://libguides.ucalgary.ca/hsl
Mobile Apps and Resources

This guide is intended to be a starting point for health care professionals and students looking for resources for mobile devices. If you have suggestions or questions, please contact me at helen.lee.robertson@ucalgary.ca.

Mobile Resources and Apps

Mobile?

Get information on the go with apps and mobile websites from the library

- Mobile apps (DynaMed Plus, UpToDate...)
- Mobile-optimized websites (Clinical Key, VisDx...)
- Other cool tools

Helen Lee Robertson
http://library.ucalgary.ca/hsl
Point-of-Care Tools

Pre-filtered, pre-validated, pre-appraised answers to common clinical questions

DynaMed Plus
EBSCO Health

UpToDate®

CLINICAL KEY

visualDx.®
DynaMed Plus

Search DynaMed Plus

Spotlight

CDC researchers conclude that Zika virus causes microcephaly and other severe fetal brain defects

FDA advises restricting fluoroquinolone antibiotic use for acute sinusitis, acute bronchitis, and uncomplicated urinary tract infections

Naloxone Co-prescription Associated with Fewer Opioid-Related Emergency Department Visits in Patients Receiving Opioid Medications for Chronic Pain DynaMed EBM Focus

Intravenous magnesium sulfate may reduce hospital admission rates for adults treated for acute asthma in emergency departments DynaMed Resident Focus

Browse by specialty

Get the DynaMed Plus Mobile App

DynaMed has the most current content

Recent Updates

07/21/2016 03:51:00 PM (ET)
early initiation of RTT does not decrease mortality, and may increase risk of catheter-related infection and hypophosphatemia compared to delayed strategy RRT in critically ill patients with severe acute kidney injury (N Engl J Med 2016 May 15 early online)
Topic: Renal replacement therapy for acute kidney injury, Acute kidney injury in critically ill patients

07/21/2016 11:57:00 AM (ET)
overnight dexamethasone-captopril-valsartan test may have high sensitivity and moderate specificity for diagnosis of primary aldosteronism (Eur J Endocrinol 2016 Jul)
Topic: Primary hyperaldosteronism

07/21/2016 11:57:00 AM (ET)
Society for Maternal and Fetal Medicine statement on use of antenatal corticosteroids in the late preterm birth period in women at risk for preterm delivery (Am J Obstet Gynecol 2016 Mar 16 early online)
Topic: Preterm labor
UpToDate
VisualDx
# Contact Us

<table>
<thead>
<tr>
<th>For academic help:</th>
<th>For patient care:</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Calgary</td>
<td>Knowledge Resource Service</td>
</tr>
<tr>
<td><a href="mailto:hslibr@ucalgary.ca">hslibr@ucalgary.ca</a></td>
<td><a href="http://krs.libguides.com/aboutus/sites">http://krs.libguides.com/aboutus/sites</a></td>
</tr>
<tr>
<td>Dr. Jackson: <a href="mailto:wjackson@ucalgary.ca">wjackson@ucalgary.ca</a></td>
<td>Telephone site specific</td>
</tr>
<tr>
<td>(403) 220-6855</td>
<td></td>
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</tbody>
</table>
Useful Web and App Resources

Dr. Wes Jackson MD, CCFP, FCFP
Associate Professor, DFM
Faculty: Dr. Wes Jackson
No Relationships with commercial interests
Open to offers . . . .
Disclosure of Commercial Support

- No potential for conflict(s) of interest
iOS user – potential bias
Discuss how to evaluate websites and apps
- My ‘Top 5’ Websites
- Where to look for apps
- How to find new apps
- Introduction of PCCR
- My ‘Top 5’ Apps
“Give a man a fish and you feed him for a day.”

“Teach a man to fish and you feed him for a lifetime.”
Evaluating a Website

Written and performed by Dr. Chad Bauman (entirely on an iPad).

https://www.youtube.com/watch?v=CMaLgec2XWY
Evaluating a Website

C
urrency

R
eliability/Relevance

A
uthority/Accuracy

P
urpose/Objectivity
“… focused on the essential question of the provision of health information to citizens, information that respects ethical standards. To cope with the unprecedented volume of healthcare information available on the Net, the HONcode of conduct offers a multi-stakeholder consensus on standards to protect citizens from misleading health information.”

https://www.healthonnet.org
Medicine - Clinical Care Tools

Show all info

Sort by:  Recommended

ClinicalKey  More

Full text access to selected medical texts, medical journals, practice guidelines, drug information, patient handouts, and CME materials. aka Clinical Key

DynaMed Plus  More

DynaMed Plus is a medical information database which provides the most current evidence-based information.

LactMed  More

A free online database with information on drugs and lactation, is one of the newest additions to the National Library of Medicine's (NLM) TOXNET system, a Web-based collection of resources covering toxicology, chemical safety, and environmental health. Geared to the healthcare practitioner and nursing mother, LactMed contains over 450 drug records. It includes...

Natural Medicines (formerly Natural Standard)  More

Natural standard was founded by healthcare providers and researchers to provide high-quality, evidence-based information about complementary and alternative medicine including dietary supplements and integrative therapies. Included are databases on: Food, herbs & supplements; Health & wellness; Sports medicine; Comparative effectiveness; Medical conditions...

OrthoEvidence  More

OrthoEvidence is the global online source for high quality and timely orthopaedic-only evidence-based summaries, pre-appraised by orthopaedic medical experts. This information is delivered in its easy-to-use Advanced Clinical Evidence (ACE) Report. OrthoEvidence's repository includes thousands of ACE reports in dozens of leading journals, representing all...

RxTx (formerly e-Therapeutics or e-CPS)  More

From the Canadian Pharmacists Association. Combines the full text of the CPS (Compendium of Pharmaceuticals and Specialties) with the content of Therapeutic Choices, which offers in-depth drug treatment information for a wide range of conditions. Includes a drug interaction tool, as well as printable patient information.

UpToDate  More

A practical clinical reference, contains the equivalent of 40,000 pages of original, peer-reviewed text which provides specific, practical recommendations for diagnosis and treatment.

VisualDX  More

A diagnostic decision support system designed by clinicians to aid medical professionals in the diagnosis of visually identifiable diseases. Provides instant access to specialist knowledge at the point of care, merging medical images with concise clinical text. Includes more than 18,000 images representing over 1,000 visually identifiable diseases, drug reactions...
Toward Optimized Practice

http://www.topalbertadoctors.org/
Includes:
• CMA enhanced clinical search
• Clinical Key
• CMA infobase (CPG’s)
• CPS on the RxTx Mobile app
• Dynamed
• EBSCOhost Biomedical Reference Collection
• Essential Evidence Plus
• Lexicomp
• POEMs
• STAT!Ref

https://www.cma.ca/En/Pages/all-resources.aspx
Practical Doc

Clinical resources and teaching tools for Canada’s rural physicians.

Find what you need to know, share what you already know.
Practical Doc. Created by rural doctors, for rural doctors.

http://www.practicaldoc.ca

PDQ Blog

Welcome to PDQ, Practical Doc’s quick and sometimes quirky look at rural medicine. We’d like your take on it too, so comments and contributions to PDQ are welcome.

The PDQ Blog features content from CURIOS - A partnership between the University of Calgary and RPAP.

VIEW THE PDQ BLOG

Detergent Pods and Good Advice from CAEP
June 30, 2016

Apneic ventilation
June 28, 2016

Reduce wear and tear on AEDs - lock them away!
June 27, 2016

New material kills E. coli bacteria in 30 seconds
June 09, 2016

The PDQ Blog is powered by RPAP
Mobile Technology Etiquette

Before the Patient Encounter

- Device professional and appropriate for a patient care environment?
- Case clean
- Wallpaper and lock screen
- Apps
- Notifications
- Battery life
- Logins
- Confirm appropriate content

UC Irvine School of Medicine
During the Patient Encounter

- How will you use the device?
- Ask patient permission
- Position yourself in a location that both can easily see the screen
- Remember eye contact
- Avoid non-clinical tasks (email, texts, social media) while in the room
- Take breaks to allow for questions
- When finished with the device, turn it off!
- Consider providing copies of the content
- Don’t spend inordinate time resolving technical difficulties
After the Patient Encounter

Reflect on any technical issues that may have arisen and troubleshoot to prevent future issues
Apps available in June 2016

Apple's App Store Is Growing by 1,000+ Apps a Day

Number of new apps submitted to Apple's App Store per month

1461/day in June 2016
In-depth analysis of this segment (physicians) reveals a consistent preference to conduct professional tasks on smartphones or tablets versus a traditional computer. In fact, digital omnivores surveyed in 2014 rely on mobile devices much more for communicating with colleagues, visiting professional resources, email and reading journal articles than their peers, who use just one or two digital platforms for their work.

Epocrates 2014 Mobile Trends Report
Backup

Synchronization

Security

74% (Projected)

89%

80%

100%
Reality check!

Beware of FOMO
Turning Data into Wisdom

Adapted from Cisco, IBSG, April 2011
WARNING
CONTAMINATED FISH

FISH IN THESE WATERS ARE CONTAMINATED WITH DANGEROUS LEVELS OF POISONOUS MERCURY DO NOT EAT FISH CAUGHT IN THESE WATERS

BY ORDER OF SANTA CLARA COUNTY HEALTH DEPARTMENT

Beware...
CMA Policy – Guiding Principles

App recommendations to patients should:

- Enhance the safety and/or effectiveness of patient care
- Complement rather than replace physician/patient relationship
- Be patient-centered taking into account patient context
- Be based on ethical principles
- Be shared with colleagues
- Include discussion and possibly documentation of a consent with patient

Guiding Principles for Physicians Recommending Mobile Health Applications to Patients, CMA 2015
A safe and effective mobile health application for patients should include an assessment of:

- Endorsement by a professional or recognized association or medical society or health care organization
- Usability
- Reliability of information
- Privacy and Security
- Conflict of interest
- Fragmentation of health information
- Demonstration of impact on patient health outcomes

Guiding Principles for Physicians Recommending Mobile Health Applications to Patients, CMA 2015
Which medical APP?

Medical apps for smartphones: lack of evidence undermines quality and safety

Arthur Willem Gerard Buijink, Benjamin Jelle Visser, Louise Marshall

Evidence-Based Medicine June 2012 | Volume 18 | Number 3

Provider
Funding
Quality
Privacy

These medical apps have doctors and the FDA worried
Which medical APP?

Medical apps for smartphones: lack of evidence undermines quality and safety

Arthur Willem Gerard Buijink, Benjamin Jelle Visser, Louise Marshall

Evidence Based Medicine, June 2012 | Volume 18 | Number 3 |}

User Interface
Multimedia usage
Price
Real World Applicability
- iMedicalApps (www.imedicalapps.com)
- Med Gadget (www.medgadget.com)
- Canadian Healthcare Technology (www.canhealth.com)
- JMIR mHealth and uHealth (http://mhealth.jmir.org)
- Health-e-Apps (UBC) (http://ehealth.med.ubc.ca/resources/mobileapps/)
- Others yet to be discovered . . .
Looking for apps ...

- Browse app stores – good luck!
  - 1000 new apps/day
  - Dependent on reviews
- Visit fishing holes individually
  - Time consuming, not necessarily what you are looking for
- Have updates sent to you immediately (eg. Twitter)
  - Easy to miss if not checking regularly
  - Beware FOMO
- Have updates gathered for you (eg. Feedly)
  - Articles aggregated for review at your leisure
  - Quick and easy to review – will not ‘go away’
- Colleagues
Apps I use . . .
Primary Care Clinical Resource (PCCR) App
MyPCCR.com

Clinical Resources, Tools, and Contacts for Family Physicians in Alberta
Feedly

Great app for following those interesting websites through RSS feeds or reading the news. Replacement for Google Reader. Well designed app.

Category:
- File management
- Reference
- Syncing

Cost:
$0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4.4/5

Last Updated: 2015-11-12
OneNote

"Capture your thoughts, discoveries, and ideas with OneNote, your very own digital notebook. With OneNote you can seize that moment of inspiration, take your class notes, or track that list of errands that are too important to forget. Whether you're at home, in the office, or on the go, your notes are available to you on all your devices."

Excellent free note-taking app allowing rapid syncing to all devices. Well supported by Microsoft. Allows PDF annotation, supports email transfers, web clipping and photos.

Category:
- Note Taking
- PDF Annotation
- Reference
- Syncing

Cost: $0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: ★1 ★2 ★3 ★4 ★5
Real world usefulness: ★1 ★2 ★3 ★4 ★5
Price: ★1 ★2 ★3 ★4 ★5
Speed: ★1 ★2 ★3 ★4 ★5
Medical professional involvement: ★1 ★2 ★3 ★4 ★5
Multimedia use: ★1 ★2 ★3 ★4 ★5

Overall rating: 4.4/5

Last Updated: 2015-09-25
DropBox

https://www.dropbox.com/home

First 15 GB free. $99/year for 1 Terabyte.

Most users will be content with the free version. Excellent, fast and efficient cross-platform file sharing and cloud computing service. I use it daily.

Category:
- Dropbox compatible
- File management
- Search
- Syncing

Cost:
$0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- BlackBerry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4.6/5

Last Updated: 2016-2-26
Dynamated Plus

Clinical reference tool for physicians. Includes more robust features than Dynamated, such as overviews and recommendations, graphics and images, expert reviews and mobile access. Cost covered by CMA and/or local library (including U of C). Autoupdates.

Category:
- Calculator
- Clinical
- Drug reference
- Reference
- Search
- Medical Professional
- CMA available

Cost:

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 4/5
Real world usefulness: 4/5
Price: 4/5
Speed: 4/5
Medical professional involvement: 4/5
Multimedia use: 4/5
Overall rating: 4/5

Last Updated: 2015-07-17
UpToDate

Often available through the university libraries or provincial health systems. Requires web access and log-in for the group purchases. Can be purchased for stand-alone app - cost about $199/yr for residents, $499/yr for practicing physicians. App is recently available (March 2015) from the U of C. Excellent resource which includes expert opinion, patient information, medical calculators etc.

Category:
- Calculator
- Clinical
- Drug reference
- Reference
- Search
- Medical Professional

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4/5

Cost: $200.00

Availability: AHS U of C

Last Updated: 2016-07-06
MDCalc

Excellent medical calculator which also includes content and advice from specialist experts and the creators of the calculators themselves (e.g. Dr. Phil Wells’ comments on the Wells’ Criteria).

- Expert content helps you use the calculator better: who to apply it to, pearls & pitfalls, what to do next with the results, etc.
- Evidence-Based Medicine (EBM) synopses make you an academic!
- Detailed background information on all calculators including derivation and validation primary references.

iOS app is free for a limited time and reflects the content on the website. App works offline.
"Calculate' is a next-generation clinical calculator and decision support tool for iPhone, iPad, Android and Windows, freely available to the medical community. Focused on highlighting tools which impact clinical practice and serve to impact diagnosis, treatment or determining prognosis.”
Contains point of care tools in all disciplines - both SI and Imperial units. Developed by a collaboration of clinician experts from diverse backgrounds, using recent publications.

Category:
- Calculator
- Clinical
- Reference
- Medical Professional
- Resident Recommend

Cost: $0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4.5/5

Last Updated: 2015-11-11
RxTx Mobile

Canadian Pharmacists Association's (CPhA) Compendium of Pharmaceuticals and Specialties (CPS) on the RxTx Mobile App offers quick access to over 2000 searchable product monographs and listings and is updated bi-weekly. Drug Choices (Tx) allows you to check doses, adverse effects, drug interactions and relative cost for over 2200 drugs for over 200 medical conditions. Free of charge to CMA members (value of $500 annually). Excellent interface - lacks drug-drug interaction calculator. Regular, quick updates.

Category:
- Calculator
- Clinical
- Drug reference
- Reference
- Search
- Syncing
- Medical Professional
- CMA available

Cost: $0.00
File Location: Cloud
Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows
Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4.5/5

Last Updated: 2015-04-03
Spectrum Calgary

App focused on the treatment of bacterial infections with recommendations based on accepted guidelines where available and tailored to Calgary. Developed by a working group of critical care, infectious diseases and medical microbiology clinicians and pharmacists. Provides search by syndrome, location, pathogen and antimicrobials. Includes a renal dosing calculator. Only available on iOS. No iPad optimization.

Category:
- Clinical
- Drug reference
- Reference
- Medical Professional
- Resident Recommend

Cost:
$0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4/5

Last Updated: 2015-07-17
This well known antimicrobial/infectious disease reference provides a comprehensive, evidence-based resource for health care providers. Includes optimal treatment and prevention of infectious diseases. Easy to navigate, fast. Includes a basic calculator, prophylaxis of dental infections, use of drugs in pregnancy and lactation and the cost of different therapies. Resides locally, requiring internet access only for updates. Cost $29.99 for iOS and 23.99 for Android.

Category:
- Clinical
- Drug reference
- Reference
- Medical Professional

Cost:
$29.99

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4.3/5

Last Updated: 2015-07-17
VisualDx aids in the identification of dermatologic, infectious, genetic, metabolic, nutritional and occupational diseases, benign and malignant growths, drug-induced conditions, and other injuries. Engineered for use at the point of care, the VisualDx system allows physicians to search by diagnosis, build a patient-specific differential, or look up drug-induced adverse reactions by medication.

Great dermatology app - many images as well as informative information. Included in U of C library. Cost is high ($200/yr) for individual licenses. Can be cloud based or local.

Category:
- Reference
- Medical Professional

Cost:
$200.00

File Location:
☐ Cloud  ☑ Local

Platform:
☑ Android  ☐ iOS  ☐ Mac
☐ Blackberry  ☐ Kindle  ☐ Windows

Availability:
☐ AHS  ☑ U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4/5

Last Updated: 2014-02-02
Real World Procedures
iCCS is the all-in-one guideline app for CCS’ most popular guidelines and contains guideline summaries, introductory videos, clinical calculators, useful drug tables, clinical trial summaries, and a comprehensive library of guidelines and pocket guides.

iCCS replaces our previous individual topic guideline apps and now includes the following CCS Guidelines:

- Heart Failure (2012, 2013, 2014)
- Cardiac Resynchronization Therapy (2013 Parts 1 & 2)
- Dyslipidemia (2012)
- Antiplatelet Therapy (2011, 2012)
- Fitness to Drive/Fly (2003, 2012)

Category:
- Calculator
- Clinical
- Reference
- Medical Professional
- Resident Recommend

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4.8/5

Cost: $0.00
Availability: AHS  U of C

Last Updated: 2016-07-06
Dragon Medical Search

Useful app for quick lookups including ICD-9 codes. Requires constant internet connection.

Category:
- Clinical
- Search

Cost:
$0.00

File Location:
X Cloud  Local

Platform:

Android  iOS  Mac
Blackberry  Kindle  Windows

Availability:
AHS  U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4/5

Last Updated: 2014-02-02
BrowZine is an app that consolidates scholarly journals from multiple publishers and platforms into an easily browsable format, optimized for iPhones, iPads or Android tablets.

Current and back issues of journals to 2005 can be browsed by subjects and A - Z title list. Users can add favorite journals on "My Bookshelf" and save articles for future reading.

Article links can be also be shared via email and various social media platforms and exported to citation management systems.

U of C University ID required to access texts.

Category:
- Clinical
- Drug reference
- File management
- Reference
- Search
- Medical Professional

Cost:
$0.00

File Location:
X Cloud  X Local

Platform:
X Android  X iOS  □ Mac
□ Blackberry  X Kindle  □ Windows

Availability:
□ AHS  X U of C

User Interface: 1 2 3 4 O 5
Real world usefulness: 1 2 3 4 O 5
Price: 1 2 3 4 O 5
Speed: 1 2 3 4 O 5
Medical professional involvement: 1 2 3 4 O 5
Multimedia use: 1 2 3 4 O 5

Overall rating: 4/5

Last Updated: 2015-04-03
The app, AMEDEA MD, features highly regarded thought-leaders in the healthcare and medical education worlds. The application delivers engaging presentations and interactive activities. The latest medical innovations are at your fingertips.

The entire library of English and French presentations is available free for browsing, searching and viewing. You can view on your device, or send to your home entertainment system or projector via AirPlay.

Content is Canadian and restricted to healthcare professionals. Can be downloaded for offline viewing.

Category:
- Clinical
- Presentation
- Reference
- Medical Professional

Cost: $0.00

File Location:
- Cloud
- Local

Platform:
- X Android
- X iOS
- X Mac
- □ Blackberry
- □ Kindle
- □ Windows

Availability:
- □ AHS
- □ U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4.3/5

Last Updated: 2014-06-10
An example of one of several excellent system specific anatomy apps by 3D4. Highly detailed, with beautiful graphics. Easy to use, includes some free animations, with others purchased in-app. Excellent for teaching patients and learners. Organized by system requiring the purchase of more than one app. Most apps developed in collaboration with Stanford University School of Medicine. Some apps are available for the Mac. All apps cost between approximately $10 and $20. In-app purchases vary. No Android or Windows version yet.

Category:
- Anatomy
- Medical Professional

Cost: $20.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5

Overall rating: 4.3/5

Last Updated: 2014-02-02
**Visible Body – Human Anatomy Atlas**

Excellent anatomy app - covers all systems. Easy to use. Some animations recently added, others available through in-app purchase. Image quality and MSK details not as good as Essential Anatomy II but more comprehensive - eg. has reproductive system. Cross-platform.

**Cost:**
$34.99

**File Location:**
- Cloud
- Local

**Platform:**
- Android
- iOS
- Mac
- BlackBerry
- Kindle
- Windows

**Availability:**
- AHS
- U of C

**Category:**
- Anatomy
- Medical Professional

**Overall rating:** 4.2/5

Last Updated: 2014-02-02
Apps I recommend to patients . . .
Another Canadian app designed by the Anxiety Disorders Association of British Columbia (AnxietyBC), MindShift is an app designed to help teens and young adults cope with anxiety. It can help them change how they think about anxiety. Rather than trying to avoid anxiety, they can make an important shift and face it.

Designed for patients, this is an app with an excellent interface, which could be helpful for any teen with a mobile device.

"Think of MindShift as your portable coach helping you face challenging situations and take charge of your life".

Category:
- Calculator
- Clinical
- Reference
- Search
- Medical Professional

Cost:
$0.00

File Location:
- Cloud
- Local

Platform:
- Android
- iOS
- Mac
- Blackberry
- Kindle
- Windows

Availability:
- AHS
- U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4.7/5

Last Updated: 2015-04-03
App is designed by the Canadian Public Health Association (CPHA) to provide Canadians with the ability to easily record and store vaccine information, access vaccination schedules, manage vaccination appointments for the entire family, access evidence-based and expert-reviewed information about recommended and routine vaccinations for children, adults and travellers and receive alerts about disease outbreaks in their area.
Also provides links to provincial immunization schedules. Great app to recommend to patients.

Category:
- Clinical
- Reference
- Medical Professional

Cost:
$0.00

File Location:
☑ Cloud ☐ Local

Platform:
☑ Android ☑ iOS ☐ Mac
☑ Blackberry ☐ Kindle ☐ Windows

Availability:
☐ AHS ☐ U of C

User Interface: 1 2 3 4 5
Real world usefulness: 1 2 3 4 5
Price: 1 2 3 4 5
Speed: 1 2 3 4 5
Medical professional involvement: 1 2 3 4 5
Multimedia use: 1 2 3 4 5
Overall rating: 4/5

Last Updated: 2015-04-11
"A bad day of fishing is better than a good day at work."

~Unknown