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Available online at: [www.jsirjournal.com](http://www.jsirjournal.com)**JOURNAL OF SCIENTIFIC & INNOVATIVE RESEARCH****Google's Android Application as care takers in Pharmacy: Short review**

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Android is a free, open source mobile platform that any coder could write for and any handset maker could install. Android had a worldwide smart phone market share of 75% during the third quarter of 2012. Android become the world's most widely used smart phone platform with 500 million devices activated. Android has a large community of developers writing applications ("apps") that extend the functionality of devices.

In October 2012, there were approximately 700,000 apps available for Android, and the estimated number of applications downloaded from Google Play, Android's primary app store, was 25 billion. Technology has made human life so easy. Physical work and mental stress has been reduced to some extent with help of software applications. Once the smart phones have evolved the control of the human was left some extent to software

applications. As simple things like alarm, reminders, notes, calculation, remembering phone number has been left to smart phones rather than remembering in brain. There are even a plenty of android applications which are use full for a day to day life of a pharmacist or a common man related to his health care. Many applications were designed in such a way that, they care for the patient's life. The features of applications include remembering the

dosage, refill, calling the physicians, reminder of appointments with doctors, contraindications when several medications are used, expiry date, gathering the data of nearby pharmacies, knowing the information of closed or open pharmacies, and distance to pharmacies, information like price cuts, discounts or the store which is selling the required drugs for least cost.

**Special features:**

- ❖ Refill, transfer and manage prescriptions
- ❖ Access your prescription history

- ❖ Scan to refill and refill without signing in
- ❖ Find a pharmacy store and check hours
- ❖ Shop your weekly drugs for deals and create a shopping list
- ❖ Sign up to receive offer-filled emails
- ❖ fast and friendly services at prices that are competitive with the national chains
- ❖ home health supplies
- ❖ emergency call options

**Table: Application and logos**

Name of application	Logo
CVS/pharmacy	
Family care pharmacy	
RWL pharmacy	

Med Helper Pro



WebMD



My Utah Pharmacy



My medical info



SafeDose



Life Pharmacy Dunedin



Catamaran



MPR



**OTC Guide App-**

The OTC Guide App is the newest addition to the growing Pharmacy Times family of mobile offerings, and the first on our list of must-try apps for pharmacists. It brings the results of our 2011 survey of pharmacist's OTC recommendations directly to your iPad or iPhone. Products are categorized and color-coded for quick and easy searching, and condition guides for each category give the pharmacist a top-level view of key counseling points for patients.

**Epocrates-**

The gold standard for mobile drug references, Epocrates is available at multiple price points to fit every budget. It's also easier than ever to navigate, thanks to a user-friendly upgrade to its interface that includes customizable features and faster access to information. The free version, Epocrates Rx, provides access health plan formularies, a drug interaction checker, medical calculators, clinical updates and medical news, in addition to its flagship product: a database of brand, generic, and OTC medicines that is illustrated with images and searchable by shape, color, or imprint code.

**Lexicomp-**

Lexicomp partners with the American Pharmacists Association and the American Society of Health-System Pharmacists (ASHP), and members of both organizations get a special discounted price. Users can choose Lexi-COMPLETE, which includes all 20 of Lexicomp's drug and disease databases, or mix and match references to meet their needs. Some options include a patient education module with leaflets covering pediatric and adult medications; references for looking up pediatric and neonatal dosing guidelines and pregnancy and lactation labeling; and AHFS Essentials, a database of detailed information about prescription and OTC drugs that is published independently by ASHP.

**Micromedex Drug Information-**

Since it made our March 2011 list ranking the best apps for pharmacists, Thomson Reuters' Micromedex has garnered high praise from Wired magazine for its usability. According to the publication's first-ever App Guide, "its user interface is the best of all the prescription drug apps. Many of the others have login menus or a bunch of clutter. But Micromedex is so fast and

easy.” The app—which includes generic and trade names, adult and pediatric dosages, warnings, adverse effects, toxicology, and other information—was also recently added to Apple’s curated “Apps for Healthcare Professionals” category in iTunes. The current version is rated 4.5 stars out of 5 in iTunes, and is available for both iPhone and iPad.

### **Sigler Drug Cards-**

According to a pharmacist-written review by iMedicalApps, Sigler Drug Cards is an ideal study resource “if you’re the type of person who is more likely to have a smartphone with you than a pile of flash cards.” For each of the top 300 most commonly prescribed drugs, the Sigler app provides a full-color picture, FDA dosages and indications, pharmacology, drug interactions and precautions, adverse effects, illustrated chemical structure, and patient counseling tips. Fans of Pharmacy Times’ “Can You Read These Rxs?” and “Case Studies” columns will appreciate a forthcoming “Quiz” section, which the app’s developers say is currently under construction.

### **Redi-Reader-**

As our legal expert Joseph Fink, BSPHarm, JD, noted in his October 2011 article about the implications of clinical practice guidelines (CPGs), “being familiar with the origins and uses of CPGs and their potential contributions to clinical decision making is essential.” Redi-Reader is a free app that makes it easier for pharmacists to access these evidence-based recommendations from a mobile device. It includes official guidelines set by the Infectious Disease Society of America, the American Diabetes Association, the Centers for Disease Control and Prevention, and the American Thoracic Society, among other organizations.

### **Monthly Prescribing Reference-**

The latest version of this mobile tool from Monthly Prescribing Reference (MPR) includes a drug interactions checker and improved news and alerts. Users can search within the app for information on more than 4000 prescription and OTC drug monographs listed by brand or generic name, disease, pharmacological class, or manufacturer. Edited by pharmacists, MPR also provides up-to-date drug news, safety

alerts, and recall information and features more than 30 medical calculators.

### **Google Translate-**

Handy for pharmacists who work with non-English speaking patients, Google translate allows you to translate words and phrases in more than 60 languages, including English, Arabic, Catalan, Chinese, Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Japanese, Korean, Malay, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Spanish, Swedish, Thai, Turkish, Ukrainian, and Vietnamese.

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