

First Website to Search Adverse Event Reports of Drugs, Medications

Search Engine Startup Makes FDA Drug Data Accessible to Consumers, Healthcare Professionals

Miami, Florida. February 26, 2009. HealthLibrarian (www.HealthLibrarian.net) announces the immediate availability, at no cost, of the Food and Drug Administration's Adverse Event Reporting System ("AERS") database through the www.HealthLibrarian.net website. Consumers and healthcare professionals can search the AERS database from an easy-to-use web interface by entering the name of a drug or medication of interest.

AERS is a computerized information database designed to support the FDA's post-marketing safety surveillance program for all approved drug and therapeutic biologic products. The ultimate goal of AERS is to improve the public health by providing the best available tools for storing and analyzing safety reports. The FDA uses AERS to monitor for new adverse events and medication errors that might occur with these marketed products.

"This data comes right out of the FDA, where drug manufacturers regularly file adverse reports for drugs sold in the US," said José C. Lacal, Chief Vision Officer of HealthLibrarian. "This data required significant processing to make it usable and searchable. This is part of HealthLibrarian's expanding list of academic and government databases of health data available at no charge through a single website, <http://www.HealthLibrarian.net>"

Consumers as well as healthcare providers should visit HealthLibrarian often to:

- ✓ Search adverse drug reports in a single place
- ✓ Find detailed information for each drug report
- ✓ View events reported by international reporting agencies
- ✓ Report your own adverse event to the FDA through the provided links

The ICH Guideline entitled "Clinical Safety Data Management: Definitions and Standards for Expedited Reporting" defines serious adverse events as follows: "A serious adverse event (experience) or reaction is any untoward medical occurrence that at any dose: results in death, is life-threatening, requires inpatient hospitalization or prolongation of existing hospitalization, results in persistent or significant disability/incapacity, or is a congenital anomaly/birth defect." (See: <http://www.fda.gov/cder/guidance/iche3.pdf> page 25).

Source of Information The AERS database is maintained by the Food and Drug Administration. The raw data files (52MB for 01 year) are available at <http://www.fda.gov/cder/aers/default.htm>

Controlled Medical Vocabulary ("CMV") HealthLibrarian uses "semantic matching" to show user a list of medically-related terms. Searching for "heart" will also include "cardiac." Our CMV has over 07 Million entries.

Available for License We can easily integrate HealthLibrarian with your website or healthcare application.

About José C. Lacal José has over 25 years experience working for huge multinationals (07 years at Motorola, 03 at Siemens) and as a serial entrepreneur. He's passionate about Health Information Technology ("Health IT"); Free / Open Source Software (i.e. GNU/Linux, Apache); and data-mining the "Deep Web" of health data. José is available for interviews as well as speaking engagements, both in English and Spanish.

About HealthLibrarian HealthLibrarian is an On-demand Data Warehouse of Global Health-related Insight. Our turn-key appliance integrates search, data mining, web crawling and indexing of health data from validated global sources. HealthLibrarian is different from traditional search engines. We do not blindly crawl the web, or present matches based on a site's popularity. HealthLibrarian intelligently sorts and categorizes health-related information available from validated, governmental and scientific sources. Users can then interactively fine-tune their query to maximize the relevance of the result set. The results presented are highly relevant and specific to the conditions or diseases of interest. These results are grouped by the geographical areas selected by the user. HealthLibrarian is a service of Open Personalized Health Informatics, Corp. ("OpenPHI"), a self-funded, privately-held bio-informatics startup in sunny Miami, Florida.

While some try to "improve the healthcare system," we focus on *building a care system that improves our health*. We call that "Personalized Health." OpenPHI simplifies the use of the vast amount of health databases, publications, and medical know-how freely available from academic and government sources across the world.