Health Resources Digest
July 2007
EurasiaHealth Knowledge Network
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Medical Podcasts

A **podcast** is a digital media file, or a series of such files, that is distributed over the Internet using syndication feeds for playback on portable media players and personal computers. A podcast is a specific type of webcast, which, like 'radio', can mean either the content itself or the method by which it is syndicated; the latter is also termed **podcasting**.

http://en.wikipedia.org/wiki/Podcasting

General Resources

Beyond Music: Integrating Podcasting into Your Business

"On 30 June 2005, podcasting came of age when Apple announced that in the first two days podcasts were offered on iTunes, users subscribed to more than one million of them. Although podcasting enters the lexicon as a descendent of broadcasting, it isn't limited to typical news and entertainment formats. Nor are podcasts difficult to produce: they are easy to integrate into your existing business model. Podcasts are a means to distribute files, typically MP3s for audio content or MP4s for video content, although a podcast can carry literally any digital content." Written by Matt Chapuran
URL: http://www.freepint.com/issues/150207.htm

Podcasting. Canadian Health Libraries Association

A Factsheet on podcasting for health librarians and physicians. Written by Judy Inglis and Dean Giustini. 6 pp.
URL: http://weblogs.elearning.ubc.ca/googlescholar/CHLA_ABSC_podcasting.pdf

iPodder, now called Juice

iPodder is a media aggregator which automatically downloads files to your computer or portable device
URL: http://sourceforge.net/projects/ipodder/

Medical Podcasts Lists and Collections

Alphabetic List of Podcasts and Video Podcasts

Compiled by the American medical librarian Michelle Kraft. "You can subscribe to these podcasts using iTunes (Mac or PC, but iPod only), Juice (Mac, PC, and iPod and any MP3player) or any other similar program…Special notes about some programs that had unique characteristics, circumstances, offers video podcasts, offers CME, etc." 14 pp. (March 27, 2006)
URL: http://www.kraftylibrarian.com/podcasts2.doc

Medical Podcast Library

Medical podcasts (audio MP3 recordings) are available on MedicineNet.com and presented in the MedicineNet Newsletters . These medical podcasts offer a way for you to hear current health news and trends in medicine on your iPod, MP3 player, or on your computer. They include commentary from MedicineNet doctors on current health news related to medicine, doctors views, tips and suggestions, and current medical research.
URL: http://www.medicinenet.com/script/main/art.asp?articlekey=47344

Journal Junkie – Free Audio Journals for Physicians

JournalJunkie.com is a free podcast syndication service for medical practitioners with an insatiable interest in the latest medical news, providing abstract summaries from the highest impact medical journals as downloadable audio. JournalJunkie currently provides one stop subscription to: JAMA, The New England Journal of Medicine, The Lancet, Annals of Internal Medicine, PLOS Medicine, The Lancet Neurology, The Lancet Infectious Diseases. More medical journals will come online in the near future. Subscribers can: listen to abstracts immediately; download them to their iPod/MP3 player for later; set up automatic downloads from their favourite journals to their computer or iPod/MP3 player; receive a regular email reminder whenever new audio content from their chosen journals becomes available

URL: http://journaljunkie.com/index.php

FDA Drug Safety Podcasts

The FDA has recently begun providing drug-safety information in audio format over the Internet. "To hear the broadcasts you can click on one of the links... To have them automatically loaded onto your computer you must first download Podcatching software, also known as an aggregator. When you turn on your computer, the aggregator starts automatically and runs in the background. You select which producers you want programs from. When those producers post new programs, the software automatically downloads them. You can then listen to them on your computer or transfer them to a device like an iPod." You can listen to separate podcast or subscribe to e-mail alerts. The service is part of the agency's ongoing effort to broaden and speed its communications concerning the safety of marketed medications when unexpected adverse events are reported to FDA. The broadcasts are an addition to FDA's traditional print- and Web-based public health advisories (PHAs).
URL: http://www.fda.gov/cder/drug/podcast/default.htm

AHRQ Healthcare 411 Audio Series

From the Agency for Healthcare Research and Quality (AHRQ) - current news and information to improve quality, safety, efficiency, and effectiveness of health care. You can choose podcasts by topic.
URL: http://www.healthcare411.org/

Audio Medica - Medical Audio News, Interviews and Podcasts

Audio Medica produces medical audio journals for specialist doctors, on audio CDs, and through podcasts internet downloads, carrying over-the-microphone interviews with leading specialists presenting new findings from clinical trials at the top conferences all over the world. Topics covered are: oncology, general practice, cardiology, HIV, issues in global health.
URL: http://www.audiomedica.org/

DynaMed Weekly Update

DynaMed is a medical information database with nearly 2,000 clinical topic summaries. Designed for use at the point-of-care, providing best available evidence and updated daily. The DynaMed Weekly Update is available as a podcast. These short recordings give subscribers an alternative for keeping up with the DynaMed Weekly Update's articles of clinical interest. You can subscribe to updates, listen to a specific podcast or download the file to your listening device. DynaMed Podcasts are in the iTunes podcast directory and users can subscribe and synchronize with their iPods.
URL:
http://www.ebsconewsletter.com/eletra/gow.cfm?z=dmweeklyupdate%2C196211%2C0%2C1141794%2Cb11

Articles

Tripp JS, Duvall SL, Cowan DL, et al. **Academic podcasting: quality media delivery.** *AMIA Annu Symp Proc. 2006;:1125.*

"A video podcast of the CME-approved University of Utah Department of Biomedical Informatics seminar was created in order to address issues with streaming video quality, take advantage of popular web-based syndication methods, and make the files available for convenient, subscription-based download. An RSS feed, which is automatically generated, contains links to the media files and allows viewers to easily subscribe to the weekly seminars in a format that guarantees consistent video quality." Free full text.
URL:
http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=17238744

Ragon B., Looney RP. Podcasting at the University of Virginia Claude Moore Health Sciences Library. *Med Ref Serv Q. 2007 Spring;26(1):17-26.*

"The Claude Moore Health Sciences Library co-sponsors a History of the Health Sciences Lecture Series in the fall and spring of each year. In the fall of 2005, the Library decided to begin podcasting the lectures via the Internet. This article describes the investigation process for creating access to the content via podcast, Webcast, and direct download. The article also addresses how the Library is teaching podcasting in its annual Multimedia Bootcamp and exploring additional uses for podcasting."
URL:
http://www.ingentaconnect.com/content/haworth/mrsq/2006/00000026/00000001/art00002

URL: http://www.healthsystem.virginia.edu/internet/library/historical/lectures.cfm

Johnson L, Grayden S. Podcasts - an emerging form of digital publishing. *Int J Comput Dent. 2006 Jul;9(3):205-18.*

"Podcasting has recently emerged as an important information technology tool for health professionals and consumers around the world. Prestigious journals, international conferences, universities and government agencies among other entities are starting to publish digital information via audio and video podcasts. Podcasting is distinguished from other forms of digital audio-video content because it can be subscribed to… and easily accessed from a personal computer. Further, it can be downloaded to a mobile device, such as an iPod where the user is able to listen to or watch it anywhere, anytime. Podcasting is used in new and evolving ways to publish information for healthcare education, patient care, professional continuing education, and in support of healthcare research. In addition to a description of what podcasting is, how podcasts are created, and how they are used, this paper addresses four critical issues that are emerging concerning podcasts. These issues are intellectual property and copyright, podcast preservation, podcast location, and podcast standards."
Contact: Lynn.A.Johnson@umich.edu

Savel RH, **Goldstein EB**, **Perencevich EN**, et al.**The iCritical care podcast: a novel medium for critical care communication and education.** *J Am Med Inform Assoc. 2007 Jan-Feb;14(1):94-9.*

"Podcasting is a recent creation combining old and new technologies allowing rapid, inexpensive delivery of media content (primarily audio) to the end user, both via the desktop environment and personal media players. The authors' group (the Society of Critical Care Medicine) saw the educational and communication potential for the podcasting concept, and have successfully designed and implemented the first podcast of a national medical society... In this manuscript, the authors provide documentation of their successful endeavor, as well as a structured framework for other organizations to create similar products."
URL: http://www.jamia.org/cgi/content/abstract/14/1/94

Rowell MR, Corl FM, Johnson PT.,et al. Internet-based dissemination of educational audiocasts: a primer in podcasting--how to do it. *AJR Am J Roentgenol. 2006 Jun; 186(6):1792-6.*

"Podcasting" is a relatively new Internet-based broadcast technology with unique characteristics that may prove valuable in radiologic education. In this article, we describe the procedure for generating, distributing, and downloading a podcast". Free full text.
URL: http://www.ajronline.org/cgi/content/full/186/6/1792

Boulos MN, Maramba I, Wheeler S. Wikis, blogs and podcasts: a new generation of Web-based tools for virtual collaborative clinical practice and education. *BMC Med Educ. 2006 Aug 15;6:41.*

"We have witnessed a rapid increase in the use of Web-based 'collaborationware' in recent years. These Web 2.0 applications, particularly wikis, blogs and podcasts, have been increasingly adopted by many online health-related professional and educational services. Because of their ease of use and rapidity of deployment, they offer the opportunity for powerful information sharing and ease of collaboration…If effectively deployed, wikis, blogs and podcasts could offer a way to enhance students', clinicians' and patients' learning

experiences, and deepen levels of learners' engagement and collaboration within digital learning environments. Therefore, research should be conducted to determine the best ways to integrate these tools into existing e-Learning programmes for students, health professionals and patients, taking into account the different, but also overlapping, needs of these three audience classes and the opportunities of virtual collaboration between them." Free full text.
URL:
http://www.pubmedcentral.nih.gov/articlerender.fcgi?tool=pubmed&pubmedid=169117 79

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Health Resources Digest Forthcoming Topics
[Provisional]

Medical Calculators; Handheld Computers in Healthcare

If you have a suggestion for a Digest topic, or would like to contribute information about Internet resources, then please contact ibra@zadar.net

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http://www.eurasiahealth.org/eng/misc/publication3/

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