

ZyDoc Alerts Doctors with Patients Affected by ADHD Drug Warnings: At-Risk Patients Identified through Transcription Data Mining

Using data mining technology, ZyDoc Medical Transcription service automatically notified physicians as to which of their patients were using medications with FDA advisories. ZyDoc's easy-to-use transcription service with data mining capability allows any medical practice to participate in the electronic record revolution to extract vital information from their medical records without limitations of current EMR systems.

Hauppauge, NY (PRWEB) February 28, 2006 -- On February 9th, an FDA advisory committee recommended a "black-box" cardiac risk warning for Attention Deficit Hyperactivity Disorder (ADHD) medications in the methylphenidate and amphetamine classes, including Ritalin, Concerta, Methylin, Metadate and Adderall. Currently under debate, the recommendation came after reports of the deaths of 25 people, 19 of them children, among people using both types of medications. Faced with this information, physicians using paper-based medical records had no practical way to identify which of their thousands of patients are taking these medications. However, physicians using the ZyDoc Transcription service were automatically notified as to which of their patients are using these medications and who is at high risk due to known cardiac problems.

James Maisel, M.D., ZyDoc Chairman explains, "As a provider and repository of web-based medical transcription records, we felt an obligation to help our physicians identify patients of this advisory. Advisories, recalls and warnings have become a growing problem for physicians and patients, as illustrated by recent complications concerning Vioxx and defibrillators. While most physicians struggle with indentifying their at-risk patients, ZyDoc can easily analyze a physician's previously transcribed word processing documents and extract the vital data. In this case, our physicians were immediately informed which of their patients might be affected by the advisory using ZyDoc's standard overnight transcription delivery service. As always, patient confidentiality was not compromised"

Steve Koski, CEO of ZyDoc explains the significance of this event. "The medical informatics industry has assumed that relational databases would be required to obtain this type of information. They have been critical of free text solutions using transcription due to limitations of data extraction. Clearly, our data mining capability dispels those assumptions, and enables a non-EMR practice to extract vital information from their medical records. In this way, ZyDoc's easy-to-use transcription service allows any medical practice to participate in the electronic record revolution. It gives physicians the best of both worlds: ease of use and important clinical data."

About ZyDoc Medical Transcription

Founded in 1993, ZyDoc is a full service transcription company featuring HIPAA compliant web-based records with e-signature, faxing and infrastructure ASP legacy-replacement and integration solutions. Physicians, transcriptionists, and hospitals use these services to produce, organize, and distribute multi-specialty patient electronic medical records (EMR) in Community Health Information Networks (CHIN). ZyDoc solves the PC literacy, data entry bottleneck, implementation, and cost issues that plague other clinical documentation and transcription companies. The company uses transparent embedded technology that leverages front and back-end speech recognition, workflow enhancements, and the Internet. ZyDoc is a development partner with SUNY Computer Sciences at Stony Brook, Microsoft Solutions Partner, ScanSoft Platinum Dealer, and an IBM Speech Premier Business Partner. In 2004, ZyDoc was ranked third nationally in medical transcription by The Medical Records Institute.



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Contact Information

James Maisel, M.D.

ZyDoc Medical Transcription

<http://www.zydoc.com>

1-800-546-5633