



ZyDoc Chairman James Maisel, MD to Present “An NIH-Funded Study on the Value of Dictation for EHR Usability and Documentation Quality” at Strata Rx Conference

Boston, September 26, 2013 – James Maisel, MD, Chairman of [ZyDoc](#), an Islandia, NY-based medical informatics company, will present “An NIH-Funded Study on the Value of Dictation for EHR Usability and Documentation Quality” at the [2013 O’Reilly Strata Rx Conference](#) in Boston on Friday, September 27. Dr. Maisel, who is Principal Investigator for the project, will describe methodologies and results of an NIH grant-funded study comparing the documentation quality, efficiency, and user satisfaction for a method of EHR data capture involving ZyDoc’s MediSapien™ NLP (natural language processing) against results from standard methods.

ZyDoc received Phase I SBIR grant funding by the National Library of Medicine of the National Institutes of Health for the study entitled “Applying NLP to Free Text as an EHR Data Capture Method to Improve EHR Usability,” which involves ZyDoc’s NLP-powered MediSapien™ knowledge management platform. ZyDoc was among only 16% of NLM grant applicants to be awarded funding in 2011. The \$150,000 project is funded entirely from the grant and is a potential precursor to Phase II funding.

According to Maisel, “Physicians often bypass structured entry in EHRs because of usability issues. Our study focused on nephrologists, cardiologists, and neurologists in teaching hospital environments to learn whether the MediSapien dictation-based method of data capture

utilizing NLP would reduce documentation time, improve documentation quality (completeness), and improve usability. The test results indicate that the MediSapien entry method can save 60% of physician documentation time compared to direct EHR entry.”

Maisel, a retinal specialist, recently presented research on “Using Unstructured Data Sources for Analytics in a Retinal Practice,” as an educational poster at the 2013 American Society of Retina Specialists (ASRS) in Toronto; and will present two NLP-related talks at the upcoming Radiological Society of North America (RSNA) 99th Annual Meeting in Chicago. More information is available regarding these presentations and registration for the conferences at www.zydoc.com.

About ZyDoc and MediSapien

ZyDoc, based in Islandia, NY, was founded in 1993 to develop medical informatics technologies. ZyDoc has developed award-winning e-transcription infrastructure and speech recognition solutions.

Augmenting its transcription business, ZyDoc launched MediSapien, an NLP-powered web-based platform that converts unstructured text to fully coded structured data for EHRs, analytics, and reporting. The MediSapien Knowledge Management Platform is powered by disruptive patent-pending proprietary technologies, and NLP technology from Health Fidelity. For clinician end-users, MediSapien can be utilized in conjunction with existing or planned EHR installations, and can facilitate compliance with Meaningful Use mandates. ZyDoc is a certified reseller of the Philips SpeechExec Enterprise Solution, and a Speech Processing Solutions partner.

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