

**2nd KES International Symposium  
on Intelligent Decision Technologies  
IDT'10 in Baltimore, MD**

***Session on Intelligent Medical Records Management***

**Session Co-chairs:** Martin R. Stytz, Ph.D. and Sheila B. Banks, Ph.D.

Medical records management has been identified as a key component of improved health care delivery as well as one tool for reducing health care costs. This session is dedicated to reports on foundations, concepts, advances, and case studies regarding the use of intelligent systems for medical records management, update, auditing, and compliance. The health care standards for data representation and interchange that have been developed to date largely address issues related to health care billing and patient privacy, not an electronic medical health record. A composite electronic medical record raises new challenges for patient privacy protection, statute compliance, medical data access, and medical data correlation. Topics of interest for this session include, but are not limited to, the following:

- Master data record tracking, access, and protection
- Intelligent access systems to patient medical data
- Preservation of patient privacy during medical data search and analysis
- Distributed medical record maintenance, control, and consolidation
- Reasoning systems for patient data assembly and presentation
- Simulation environments for assessing intelligent medical records systems
- Alternative approaches for using intelligent systems to assemble a composite medical record from disparate sources
- Alternative approaches for detecting and correcting errors in composite electronic medical records
- Applications of intelligent decision technologies for medical records management
- Issues in applications of intelligent decision technologies for medical records management
- Challenges for intelligent decision technologies for medical records management

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**Web site :** <http://idt-10.kesinternational.org>

**Papers:** 15 February 2010