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Use of an Electronic Drug Monitoring System for Ambulatory Patients with Chronic Disease: How Does It Impact on Nurses' Time Spent Documenting Clinical Care? Visualising Patient Flow; Considerations of Electronic Medications Management Systems in Hospital Setting; Early Discharge and Its Effect on ED Length of Stay and Access Block; The Effect of E-Health Contents on Health Science Students' Attitude Toward the Efficiency of Health ICT in Care Provision; A Qualitative Study of Australians' Opinions About Personally Controlled Electronic Health Records

A Method for the Semantic Enrichment of Clinical Trial Data; Electronic Health Information System Implementation Models - A Review; Evaluation of Bluetooth Low Power for Physiological Monitoring in a Home Based Cardiac Rehabilitation Program; The Development of Online Learning Designs for Patients with Type 2 Diabetes;

Investigation of Decision Making Issues in the Use of Current Clinical Information Systems; Using Australian Medicines Terminology (AMT) and SNOMED CT-AU to Better Support Clinical Research; Classification of Pathology Reports for Cancer Registry Notifications

Multi-Layered System Design for Classifying Activities of Daily Living; EEG Data Compression to Monitor DoA in Telemedicine; Using Utilisation Data to Estimate Future Demand for Medical Internists: The Impact of Demographic Demand Driver in Thailand; Computational Recognition of SNOMED CT Codes from ED Case Notes; Evaluating Online Diagnostic Decision Support Tools for the Clinical Setting; Align, Share Responsibility and Collaborate: Potential Considerations to Aid in E-Health Policy Development; Understanding Unintended

Consequences for EMR: A Literature Review

Physicians' Satisfaction with Computerised Physician Order Entry (CPOE) at the National Guard Health Affairs: A Preliminary Study

Sommario/riassunto

A more trusted environment for the management and use of health information would undoubtedly help to consolidate and accelerate the use of health informatics solutions as change mechanisms to drive the establishment and adoption of new models of care, as well as new technology-oriented healthcare processes. This book presents 35 papers from the Australian National Health Informatics Conference (HIC 2012), held in Sydney, Australia, in July and August 2012. The theme of the conference is 'Health Informatics - Building a Healthcare Future Through Trusted Information', and emphasises the importance of assuring the integrity and security of health data and communications. The papers range from deeply theoretical to intensely practical, and address many elements of contemporary health informatics research endeavours, as well as peripheral, but related topics. Australian research, developments and implementations are at the forefront of e-health, and are the focus of much international attention. The Federal Government has invested in the building of a National Broadband Network, lead implementation sites, telehealth delivery and personally controlled electronic health records (PCEHR), launched 30 days before the conference. This book will be of interest to clinicians, researchers, industry innovators and all those who share the desire to deliver better healthcare to all.