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Approach

A ""Realist Review"" Approach to e-Health: The Case of Type 2 Diabetes in YouthDesigning the Community Multi-User Health Kiosk; Public Health Informatics; Public Reporting of Hospital Infection Rates: Ranking the States on Credibility and User Friendliness; Methodological Approaches to Comparing Information About Bicycle Accidents Internationally: A Case Study Involving Canada and Germany; The Development of a Standardized Software Platform to Support Provincial Population-Based Cancer Outcomes Units for Multiple Tumour Sites: OaSIS - Outcomes and Surveillance Integration System

Clinical Decision Support SystemsNeuroanatomical Basis for Recognition Primed Decision Making; Use of Knowledge Discovery Techniques to Understand Nurse Practitioner Practice Patterns and Their Integration into a Healthcare System; Decision Support for Evidence-Based Pharmacotherapy Detects Adherence Problems but Does Not Impact Medication Use; Analysis of Continuous Oxygen Saturation Data for Accurate Representation of Retinal Exposure to Oxygen in the Preterm Infant; Tailoring Decision Support to Suit User Needs: A Diagnostic Imaging Example; Supporting Cystic Fibrosis with ICT

Human Computer InteractionInformation Accountability and Usability: Are There Any Connections?; A Review of Healthcare Information System Usability & Safety; Commercial Versus In-Situ Usability Testing of Healthcare Information Systems: Towards ""Public"" Usability Testing in Healthcare Organizations; Integrating Human Factors in an International Research Project: Lessons Learned from the PSIP Project; Usability Inspection to Improve an Electronic Provincial Medication Repository; The Long and Twisting Path: An Efficiency Evaluation of an Electronic Whiteboard System

Applying Usability Methods to Identify Health Literacy Issues: An Example Using a Personal Health Record

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Sommario/riassunto

For many people in both developing and developed countries universal healthcare is still not the norm. Socio-economic status and geographical restrictions have proved to be major barriers to accessible care. The use of information and communication technologies (ICT) is growing rapidly internationally as the need to provide more efficient and cost-effective care becomes increasingly urgent. Improving the health of a nation begins with the individual and recent developments in genomics and mobile networked information technologies have regenerated interest in individualizing healthcare. Harnessing the diversity and ubiquity of available ICT may be one of the keys to enabling more accessible healthcare across both geographic and socio-economic divides. This book presents the proceedings of the 2013 Information Technology and Communication in Health (ITCH 2013) conference. This conference, entitled Available, Tailored and Closer, was held in Victoria, BC, Canada, in February 2013. The theme of the ITCH 2013 conference was realizing the enabling potential of information and communications technology worldwide. Papers in this book are arranged according to subject. Sections include: electronic health records; telecare, telemedicine and telelaboratory; public health informatics; clinical decision support systems; human/computer interaction; patient safety; and healthcare modeling, among others.This book will be of interest to all those involved in providing improved and cost-effective healthcare worldwide.