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Autore	Lau F
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Nota di contenuto	; Preface -- ITCH 2019 Steering Committee -- ITCH 2019 Scientific Review Committee -- Alphabetical listing of paper by first author: A. Review of mobile apps for prevention and management of opioid-related harm -- Axe the fax: what users think of electronic referral -- Early usability assessment of a conversational agent for HPV vaccination -- Towards developing an ehealth equity conceptual framework -- ; B. Factors associated with increased adoption of a research data warehouse -- Adoption strategies for electronic patient portals: employing advanced data mining and analytics -- Advancing telehealth nursing practice in oncology: factors affecting nurse use of electronic symptom management guidelines -- ; C. Reason for use: an opportunity to improve patient safety -- Linking health records with knowledge sources using OWL and RDF -- Embedding health literacy tools in patient EHR portals to facilitate productive patient engagement -- Applying the behavior change technique taxonomy to mobile health applications: a protocol -- ; D. Patient empowerment: the role of technology -- Data for adherence decision support -- ; E. FHIRForm: an open-source framework for the management of electronic forms in healthcare -- Death: the simple clinical trial endpoint -- Estimating clinical trial bleeding events using electronic health record data -- Insight into health care outcomes for persons living with heart failure using health data analytics -- ICT-based interventions for women experiencing intimate partner violence: research needs in usability and

mental health -- Guiding improvements in user experience: results of a mental health patient portal user interface assessment -- ; G. eSource for standardized health information exchange in clinical research: a systematic review -- Development of data validation rules for therapeutic area standard data elements in four mental health domains to improve the quality of FDA submissions -- Effects of telenursing triage and advice on healthcare costs and resource use -- Use of agile project methodology in health care IT implementations: a scoping review -- Ghosts in the machine: identifying the digital health information workforce -- ; H. The value of patient-peer support in improving hospital safety -- An informatics framework for maternal and child health (MCH) monitoring -- The use of head-worn augmented reality displays in health communications -- Using a Markov chain model to analyze the relationship between avoidable days and critical care capacity -- Using digital health to support best practices: impact of MRI ordering guidelines embedded within an electronic referral solution -- ; J. Effectiveness of e-learning in a medical school 2.0 model: comparison of item analysis for student-generated vs. faculty-generated multiple-choice questions -- Factors affecting adherence with telerehabilitation in patients with multiple sclerosis -- ; K. Physicians' experiences on EHR usability: a time series from 2010, 2014 and 2017 -- Development of the patient experience questionnaire for parents of pediatric patients (PEQP) -- Encouraging the use of ehealth services: a survey of patients' experiences -- Canadian validation of German medical emergency datasets -- Healthcare data are remarkably vulnerable to hacking: connected healthcare delivery increases the risks -- Updated mapping of telemedicine projects in Denmark -- A Hadoop/MapReduce based platform for supporting health big data analytics -- Development of a video coding scheme focused on socio-technical aspects of human-computer interaction in healthcare -- Approaches to demonstrating the effectiveness and impact of usability testing of healthcare information technology -- Digital process innovation for patient centered cancer symptom management -- ; L. Tools for engaging patients on patient platforms: a classification framework -- Applying the effective technology use model to implementation of electronic consult management software -- Patient and family member readiness, needs, and perceptions of a mental health patient portal: a mixed methods study -- Improving access to healthcare with on-line medical appointment system -- System dynamics in remote monitoring service for cardiovascular implantable electronic devices -- Smart homes for healthcare -- Data migration from operating EMRs to OpenEMR with Mirth Connect -- ; M. A preliminary conceptual framework in knowledge translation and health information technology for transparency in policy-making (the KhITT framework) -- Modeling keyword search strategy: analysis of pharmacovigilance specialists' search of MedDRA terms -- Uncovering the mysteries of electronic medication reconciliation -- Electronic physician profiles: developing an interactive web-based report for physicians at Island Health -- Putting guidelines in the hands of patients: a heuristic evaluation of a consumer mobile application -- "Real-world" de-identification of high-dimensional transactional health datasets -- ; N. Challenges in displaying health data on small smartwatch screens -- Evaluative outcomes in direct extraction and use of EHR data in clinical trials -- ; P. Designing health information for mutual empowerment in the joint journey of patients and healthcare professionals -- A qualitative evidence synthesis of adverse event detection methodologies -- ; Q. A usability evaluation of the InfoSAGE app for family-based medication

management -- ; R. Realizing quality & experience benefits through eHR adoption & use: a conceptual model -- Development of an interprofessional educational electronic health record -- ; S. Next generation EHRs - what problems are these systems aiming to solve? -- Thought spot: embedding usability testing into the development cycle -- The ehealth trust model: a patient privacy research framework -- Evaluation of technology use in an inter-disciplinary patient-centered health care team -- Using simulation technology to improve patient safety in airway management by practicing otolaryngologists -- Towards a clinical analytics adoption maturity framework for primary care -- From siloed applications to national digital health ecosystems: a strategic perspective for African countries -- ; T. Privacy and policy implications for big data and health information technology for patients: a historical and legal analysis -- Simulation of ehealth scenarios with role-play supported by an interactive smartphone application -- Describing telenurses' decision making using clinical decision support: influential factors identified -- Usability analysis of contending electronic health record systems -- ; V. Smart home interactions for people with reduced hand mobility using subtle EMG-signal gestures -- ; W. Design for a Canadian digital health policy & practices observatory -- Strategies in electronic medical record downtime planning: a scoping study -- Design and usability evaluation of mobile cloud healthcare system for diabetes prevention -- Rule-based data quality assessment and monitoring system in healthcare facilities -- Cancer phenotype development: a literature review -- Analysis of anesthesia screens for rule-based data quality assessment opportunities -- Data profiling in support of entity resolution of multi-institutional EHR data -- EHR usage problems: a preliminary study -- Surgeon and assistant point of view simultaneous video recording -- Assessing the alignment of objectives, instructional activities, and assessments in a biomedical informatics curriculum -- Nursing informaticians address patient safety to improve usability of health information technologies -- ; Y. A socio-technical and lean approach towards a framework for health information systems-induced error -- ; Z. Applying a pneumatic interface to intervene with rapid eating behaviour -- An ontology approach for knowledge representation of ECG data -- Training as an intervention to decrease medical record abstraction errors multicenter studies -- ; Subject index -- Author index.
