

1. Record Nr.	UNINA9910793502803321
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Titolo	Improving usability, safety and patient outcomes with health information technology : from research to practice // editors, Francis Lau [and eight others]
Pubbl/distr/stampa	Amsterdam, Netherlands : , : IOS Press, , 2019
ISBN	1-61499-951-1
Descrizione fisica	1 online resource (570 pages)
Collana	Studies in health technology and informatics ; ; Volume 257
Disciplina	610.285
Soggetti	Medical telematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>; 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</p>

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

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