Record Nr. UNINA9910813474303321 Data and knowledge for medical decision support: proceedings of the **Titolo** EFMI Special Topic Conference, 17-19 April 2013, Prague, Czech Republic / / edited by Bernd Blobel, Arie Hasman and Jana Zvarova Amsterdam, : IOS Press, 2013 Pubbl/distr/stampa 1-61499-240-1 **ISBN** Edizione [1st ed.] Descrizione fisica 1 online resource (224 p.) Studies in health technology and informatics, . 0926-9630 ; ; v. 186 Collana Altri autori (Persone) BlobelBernd HasmanArie ZvarovaJana Disciplina 610.285 Soggetti Medicine - Decision making - Data processing Clinical medicine - Decision making - Data processing Expert systems (Computer science) Decision support systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and indexes. Title Page; Preface; EFMI STC 2013 Program Committee and Reviewers; Nota di contenuto Information on EFMI Working Groups; Contents; Invited Papers; Knowledge Representation and Management Enabling Intelligent Interoperability - Principles and Standards; Handling Intra-Cluster Correlation when Analyzing the Effects of Decision Support on Health Care Process Measures; Basics and Requirements for Medical Decision Support Systems; How Turing and Wolf Influenced My Decision Support Systems; Designing Prognostic Models by Reinforcing Linear Separation; Personalized Medicine and the Need for Decision Support Systems Analyzing the ""CareGap"": Assessing Gaps in Adherence to Clinical Guidelines in Adult Soft Tissue SarcomaA Novel Way of Integrating Rule-Based Knowledge into a Web Ontology Language Framework; Attitudes and Experience of Dutch General Practitioners Regarding Computerized Clinical Decision Support; A Comparison of English and French Approaches to Providing Patients Access to Summary Care Records: Scope, Consent, Cost; Global Quality Indicators for Primary

Care Electronic Patient Records; Knowledge Representation and Management

Structured Knowledge Acquisition for Defining Guideline-Compliant PathwaysTempolenses with Variable Magnification for Sonic Representation of Medical Data. Application for Cardiac Signals; System for Selecting Relevant Information for Decision Support; Computational Cognitive Modeling for the Diagnosis of Specific Language Impairment; Entropy-Driven Decision Tree Building for Decision Support in Gastroenterology: Sharing and Reusing Multimedia Multilingual Educational Resources in Medicine; An Ontolological Treatment of Clinical Prediction Rules Implementing the Alvarado Score Simultaneously Authoring and Modeling Clinical Practice Guidelines: A Case Study in the Therapeutic Management of Type 2 Diabetes in FranceMedical Decision Support Solutions: A Conceptual Framework for Automating the Operational and Strategic Decision-Making Process in the Health Care Delivery System; Supporting Drug Prescription Through Autocompletion; Physicians Perceptions of an Educational Support System Integrated into an Electronic Health Record; Project I-COP -Architecture of Software Tool for Decision Support in Oncology Design and Implementation of the Standards-Based Personal Intelligent Self-Management System (PICS)Prognostic Decision Support Using Symbolic Dynamics in CTG Monitoring; Rule-Based Healthcare-Associated Bloodstream Infection Classification and Surveillance System: Diagnostic Decision Support of Heart Rate Turbulence in Sleep Apnea Syndrome: Utilization of Ontology Look-Up Services in Information Retrieval for Biomedical Literature: A Proposed Novel Method for CHD Screening by Fetal Heart Murmur Detection Using Phonocardiography; DIOS - Database of Formalized Chemotherapeutic Regimens

Adverse Drug Event Prevention in Neonatal Care: A Rule-Based Approach