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Soggetti	Artificial intelligence Application software Information storage and retrieval Database management User interfaces (Computer systems) Computer communication systems Artificial Intelligence Information Systems Applications (incl. Internet) Information Storage and Retrieval Database Management User Interfaces and Human Computer Interaction Computer Communication Networks Conference proceedings.
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Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	The Elicitation, Representation, Application, and Automated Discovery of Time-Oriented Declarative Clinical Knowledge -- Guidelines and Summarization -- Rule-Based Combination of Comorbid Treatments for Chronic Diseases Applied to Hypertension, Diabetes Mellitus and Heart Failure -- Knowledge-Driven Adaptive Execution of Care Pathways Based on Continuous Planning Techniques -- Towards a

Realistic Clinical-Guidelines Application Framework: Desiderata, Applications, and Lessons Learned -- Archetypes and Cooperation -- Data Integration for Clinical Decision Support Based on openEHR Archetypes and HL7 Virtual Medical Record -- Semantic Integration of Patient Data and Quality Indicators Based on openEHR Archetypes -- A Study of Semantic Proximity between Archetype Terms Based on SNOMED CT Relationships -- Distributed Ad Hoc Cooperation in Healthcare -- Process Mining and Temporal Analysis -- Embedding Conformance Checking in a Process Intelligence System in Hospital Environments -- Process Mining in Healthcare: Data Challenges When Answering Frequently Posed Questions -- Flexible and Efficient Retrieval of Haemodialysis Time Series -- An Approach for Representing and Managing Medical Exceptions in Care Pathways Based on Temporal Hierarchical Planning Techniques.

Sommario/riassunto

This book constitutes thoroughly refereed revised selected papers from the BPM 2012 Joint Workshop on Process-Oriented Information Systems and Knowledge Representation in Health Care, ProHealth 2012/KR4HC 2012, held in Tallinn, Estonia, in September 2012. The 9 papers presented were carefully reviewed and selected from 19 submissions. In addition the book contains 1 keynote paper and 2 invited contributions. The papers are organized in topical sections named: guidelines and summarization; archetypes and cooperation; and process mining and temporal analysis.
