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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. |