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for Large Medical Libraries -- Bridging an Asbru Protocol to an Existing Electronic Patient Record -- From Natural Language Descriptions in Clinical Guidelines to Relationships in an Ontology -- A Hybrid Methodology for Consumer-Oriented Healthcare Knowledge Acquisition -- Identifying Disease-Centric Subdomains in Very Large Medical Ontologies: A Case-Study on Breast Cancer Concepts in SNOMED CT. Or: Finding 2500 Out of 300.000 -- Sharable Appropriateness Criteria in GLIF3 Using Standards and the Knowledge-Data Ontology Mapper -- Guideline Modeling and Tools -- Analysis of the GLARE and GPROVE Approaches to Clinical Guidelines -- Semantic Web-Based Modeling of Clinical Pathways Using the UML Activity Diagrams and OWL-S -- Extracting Qualitative Knowledge from Medical Guidelines for Clinical Decision-Support Systems -- Experiences in the Development of Electronic Care Plans for the Management of Comorbidities -- Challenges in Delivering Decision Support Systems: The MATE Experience -- Technical Solutions for Integrating Clinical Practice Guidelines with Electronic Patient Records -- Advanced Topics -- Towards a Possibility-Theoretic Approach to Uncertainty in Medical Data Interpretation for Text Generation -- Argumentation about Treatment Efficacy -- A Knowledge-Management Architecture to Integrate and to Share Medical and Clinical Data, Information, and Knowledge.

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