

1. Record Nr.	UNINA9910254269903321
Titolo	Clinical Decision Support Systems : Theory and Practice // edited by Eta S. Berner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-31913-2
Edizione	[3rd ed. 2016.]
Descrizione fisica	1 online resource (XI, 313 p. 42 illus., 6 illus. in color.)
Collana	Health Informatics, , 1431-1917
Disciplina	616.0750285
Soggetti	Health informatics Health Informatics Diagnosis - Decision making - Data processing Clinical medicine - Decision making - Data processing Expert systems (Computer science) Decision Support Systems, Clinical Diagnosis, Computer-Assisted Expert Systems MEDICAL - Laboratory Medicine MEDICAL - Diagnosis MEDICAL - Nursing - Assessment & Diagnosis MEDICAL - Clinical Medicine MEDICAL - Diseases HEALTH & FITNESS - Diseases - General MEDICAL - Evidence-Based Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1 Overview of Clinical Decision Support Systems -- Chapter 2 Mathematical Foundations of Decision Support Systems -- Chapter 3 Data Mining and Clinical Decision Support Systems -- Chapter 4 Usability and Clinical Decision Support -- Chapter 5 Newer Architectures for Clinical Decision Support -- Chapter 6 Best Practices for Implementation of Clinical Decision Support -- Chapter 7 Impact of

National Policies on the Use of Clinical Decision Support -- Chapter 8 Ethical and Legal Issues in Decision Support -- Chapter 9 Evaluation of Clinical Decision Support -- Chapter 11 Diagnostic Decision Support Systems -- Chapter 10 Decision Support for Patients -- Chapter 12 Use of Clinical Decision Support to Tailor Drug Therapy based on Genomics -- Chapter 13 Clinical Decision Support -- Chapter 14 Clinical Decision Support at Intermountain Healthcare -- Chapter 15 Decision Support During Inpatient Care Provider Order Entry.

Sommario/riassunto

This book provides a comprehensive and timely introduction to clinical decision support systems, coming at a time when electronic health records are being routinely used in clinical practice, and clinical decision support systems are seeing more use. Building on the success of the previous editions, *Clinical Decision Support Systems: Theory and Practice, Third Edition*, once again brings together worldwide experts to illustrate the underlying science and day-to-day use of decision support systems in clinical and educational settings. This fully revised and updated edition is essential reading for informatics specialists, teachers and students in health or medical informatics training programs, and clinicians, with or without expertise in the applications of computers in medicine, who are interested in learning about current developments in computer-based clinical decision support systems.
