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Descrizione fisica	1 online resource (XVI, 224 p. 44 illus., 41 illus. in color.)
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Disciplina	651.5
Soggetti	Health informatics Health administration General practice (Medicine) Health Informatics Health Administration General Practice / Family Medicine
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction. Medical Records: Are We at the Top? Is There Still Room for Innovation? -- EHR, EPR, PS, PHR: Different Medical Records for Different Aims: The Roles of the Doctors, Patients and Institutions -- An Infrastructural Approach to Clinical Information -- From Big Data to Big Insights. The Role of Platforms in Healthcare IT -- Shared Medical Record, Personal Health Folder and Health and Social Integrated Care in Catalonia. ICT Services for Integrated Care -- Visual Analytics of Electronic Health Records with a Focus on Time -- Military ICT and Innovative Networks for the Protection of People's Health -- Perspectives in Digital Health and Precision Medicine -- Medical Record for Clinicians: Present and Future Vision -- Addressing eHealth at the EU Level -- Clinical Information in Use. Problems, Outcomes and Challenges from Experience -- Medical Records, eHealth and Health IT. What are the Key Points for the Organizational Benefits and for the Improvements of the Modern Local Health Organizations? -- Disease Registry: A Tool for European Cross Border Medicine -- Cross Border Experiences in Health IT. What are the Requests for the Medical Record?

Opportunities and Emerging Issues -- Innovative Tools and Data Sharing in Ageing Care: Solutions and Perspectives -- e_CardioNet: The Role of the Electronic Medical Records and ICT in Transnational Projects -- Telemedicine in Collaborative Diagnosis and Care of Congenital Heart Malformations -- Health Dossier in Italy - Elements for Reflection: What's New? What are Possible Improvements? -- The Role of Telemedicine and EHR in Supporting Care Pathways in the Management of Chronic Illness. The Experiences of the Lombardy Region.

Sommario/riassunto

This book provides innovative practical suggestions regarding the production and management of medical records that are designed to address the inconsistencies and errors that have been highlighted especially in relation to national eHealth programs. Challenges and lessons that have emerged from the use of clinical information and the design of medical records are discussed, and principles underpinning the implementation of health IT are critically examined. New trends in the use of clinical data are explored in depth, with analysis of issues relating to integration and sharing of patient information, data visualization, big data analytics, and the requirements of modern electronic health records. The spirit pervading the book is one of co-production, in which the needs of practitioners are taken into account from the outset. Readers will learn the basic concepts of how clinical information emanating from the doctor-patient relationship can be effectively integrated with genetic and environmental data and analyzed by complex algorithms with the goal of improving medical decision making and patient care. The book, written by European experts and researchers, will be of interest to all stakeholders in the field, including doctors, technicians, and policy makers.
