

1. Record Nr.	UNINA9910300350703321
Titolo	Telemedicine for Children's Health // edited by Fabio Capello, Andrea E. Naimoli, Giuseppe Pili
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-06489-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (131 p.)
Collana	TELe-Health, , 2198-6037
Disciplina	362.1028
Soggetti	Medicine Pediatrics Primary care (Medicine) User interfaces (Computer systems) Bioinformatics Medical education Medicine/Public Health, general Primary Care Medicine User Interfaces and Human Computer Interaction Computational Biology/Bioinformatics Medical Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1 Perceived needs in paediatrics and children's health: Overview and Background -- PART I FIELDS OF APPLICATION: 2 The Community -- 3 Telemedicine in acute settings and secondary care: The Hospital -- 4 Management at home: The chronic child -- 5 Overtaking the distances: The child with special needs -- PART II TECHNICAL ISSUES: 6 Connectivity, Devices and Interfaces: Worldwide interconnections -- 7 Technology and Social Web: Social worldwide interactions -- PART III COMPLEX SCENARIOS AND SPECIAL SETTINGS: 8 Rural and Extreme Rural Settings: Reducing Distances and Managing Extreme Scenarios -- 9 Telepediatrics in Developing Countries: A better care for children in low-income settings -- PART IV e-LEARNING: 10 eLearning: Distant learning for health professionals that works with children -- 11 Health

Sommario/riassunto

This book describes in detail the potential role of ICT and electronic systems, together with the application of Web 2.0 technologies, in telepediatrics and child health. Rather than simply proposing engineering solutions that may soon become outdated, it is designed to address those real needs that telemedicine and developers are asked to meet. The orientation of the book is very much toward primary care, and both low- and high-income settings as well as extreme or complex scenarios are considered. The first two sections of the book describe different fields of application, such as the community, the hospital, and children with chronic illnesses or special needs, and examine technical issues. The use of telemedicine in delivery of care in extreme rural settings and developing countries is then discussed, with attention also to major emergencies and humanitarian crises. The closing chapters consider the role of modern technologies in the education of caregivers who work with children. Child health is a crucial issue in both industrialized and developing countries. Telemedicine for Children's Health will be an excellent guide to the potential value of telemedicine devices in reducing the burden for children and parents and in offering quick and concrete solutions in low-resource scenarios.