Table of Contents

Foreword ............................................................................................................................................xiv
Preface ...............................................................................................................................................xvi

Section 1
Informatics and Health Management Perspectives

Chapter 1
Decision-Making and Decision Support in Acute Care ................................................................. 1
    Brett W. Taylor, Dalhousie University, Canada

Chapter 2
Implementation of Evidence-Based Practice and the PARIHS Framework ................................. 19
    Shahram Zaheer, York University, Canada

Chapter 3
Investing in a “Rehabilitation Model” to Improve the Decision-Making Process in
Long-Term Care ............................................................................................................................... 37
    Connie D’Astolfo, SPINEgroup®, Canada & York University, Canada

Chapter 4
Making Quality Control Decisions in Radiology Department: A Decision Support System for
Radiographers’ Performance Appraisal Using PACS ...................................................................... 48
    Valentina Al Hamouche, The Michener Institute for Applied Health Sciences, Canada

Chapter 5
Using Case Costing Data and Case Mix for Funding and Benchmarking in
Rehabilitation Hospitals ................................................................................................................... 62
    Grace Liu, York University, Canada

Chapter 6
Implementation of Case Costing with Ontario Case Costing Initiative (OCCI) ............................. 79
    Thuy Thi Thanh Hoang, York University, Canada
Chapter 7
Informatics and Health Services: The Potential Benefits and Challenges of Electronic Health Records and Personal Electronic Health Records in Patient Care, Cost Control, and Health Research – An Overview ............................................................. 89

Nelson Ravka, York University, Canada

Section 2
Informatics and Health Policy Perspectives

Chapter 8
The Administrative Policy Quandary in Canada’s Health Service Organizations ...................... 116

Grace I. Paterson, Dalhousie University, Canada
Jacqueline MacDonald, Annapolis Valley Health, South Shore Health and South West Health, Canada
Naomi Nonnekes Mensink, Dalhousie University, Canada

Chapter 9
Towards Healthy Public Policy: GIS and Food Systems Analysis ............................................. 135

Julie Yang, York University, Canada

Chapter 10
Caring for our Aging Population: Using CPOE and Telehomecare Systems as a Response to Health Policy Concerns........................................................................................................ 153

Sama Al-Khudairy, York University, Canada

Section 3
Informatics Challenges

Chapter 11
Normalizing Cross-Border Healthcare in Europe via New E-Prescription Paradigms ............... 168

Alexander Berler, National School of Public Health, Greece & epSOS, Greece
Ioannis Apostolakis, National School of Public Health, Greece

Chapter 12
Incongruent Needs: Why Differences in the Iron-Triangle of Priorities Make Health Information Technology Adoption and Use Difficult ................................................................. 209

Edward J. Cherian, George Washington University, USA
Tom W. Ryan, George Washington University, USA

Chapter 13
Home Telecare, Medical Implant, and Mobile Technology: Evolutions in Geriatric Care ........ 222

Vishaya Naidoo, York University, Canada
Yedishtra Naidoo, Wayne State University, USA
Chapter 14
How Web 2.0 Shapes Patient Knowledge Sharing: The Case of Diabetes in Italy

Chiara Libreri, Università Cattolica del Sacro Cuore, Italy
Guendalina Graffigna, Università Cattolica del Sacro Cuore, Italy

Compilation of References

About the Contributors

Index