

Contents

Series Preface	vii
Preface	ix
Acknowledgments	xi
Contributors	xvii

SECTION I CASE STUDIES IN TECHNOLOGICAL CHANGE

Introduction	2
<i>Nancy M. Lorenzi</i>	
CHAPTER 1	GEMINI: The Life and Times of a Clinical Information System 7
<i>Navid Fanceian and Lisa Shickle</i>	

SECTION II ORGANIZATIONAL CHANGE

Introduction	16
<i>Nancy M. Lorenzi</i>	
CHAPTER 2	The Web Center: A Case Study in Strategy and Power 21
<i>Christel Villarivera, Shane McWilliams, and Candace Boyce</i>	
CHAPTER 3	Computers for Kids: Not All Fun and Games 34
<i>Jacob Weiss</i>	
CHAPTER 4	Managing Change 43
<i>Jonathan Becker, Roy Gill, Susan Moy, Veena Seshadri, Dat Tran, Amy Wang, and Jiangi Yang</i>	

- CHAPTER 5 Managing Success: An Information System Dilemma at
Great Plains Healthcare 49
Tracy O'Connor, John Hawkins, and Kathy Hornby

SECTION III IMPLEMENTATION

- Introduction 56
Jonathan Einbinder
- CHAPTER 6 Bar Coding: It's Hard to Kill a Hippo 65
Margaret Keller, Beverly Oneida, and Gale McCarty
- CHAPTER 7 Developing an Emergency Department Information System 69
Duncan Belser, Dominik Aronsky, David M. Dilts, and Jose Ferreira
- CHAPTER 8 Implementation of OpChart in West Medical Building 81
Nathan R. Hoot and David L. Sanders
- CHAPTER 9 Development of the Scientific Computing Center at
Vanderbilt University 92
Lawrence Fu
- CHAPTER 10 Early Implementation Problems of an Integrated Information
System Within the White Mountain University Health System 101
*Gabrielle N. Ciesla, Joseph J. Connor, Thomas H. Dudley, Jr., and
Michael L. Keens*
- CHAPTER 11 Implementation of a Web-Based Incident-Reporting System at
Legendary Health System 114
*Sylvia Bae, Samone Khouangsathiene, Christopher Morey,
Chris O'Connor, Eric Rose, and Abdus Shakil*
- CHAPTER 12 Managing Change: Analysis of a Hypothetical Case 121
*Joan S. Ash, James G. Anderson, Paul N. Gorman, Rita D. Zielstorff,
Natalie Norcross, Jody Pettit, and Patricia Yao*

SECTION IV ECONOMICS

- Introduction 136
Robert T. Riley
- CHAPTER 13 E3 at Vanderbilt University Medical Center 143
David Posch, Nancy M. Lorenzi, and Thomas Campion

- CHAPTER 14 Catch 22: The Case of Utilization Management's Return on Investment Evaluation 150
Fern FitzHenry
- CHAPTER 15 Antimicrobial Utilization Program at the University of Central State Medical Center 160
Melissa Kaplan and Beth Wickerham
- CHAPTER 16 Central Medical Healthcare System: The Case of the Well-Aggregated Patient Data 170
Laura Larsson, Michael Lieberman, and Kelly J. Bradway
- CHAPTER 17 Building Consensus: Quality Improvement at Vesalius Health System 174
Sarah Corley, Steven Cohen, Jeffrey Gilbert, Cora Lam, and Benjamin LeBlanc

SECTION V LEADERSHIP

- Introduction 188
Joan S. Ash
- CHAPTER 18 Strategic Informatics: Planning for the Future of AtlanticHealth 191
Peter Embi, Yun Ho Jung, Dewey Schneider, Jack Sofsky, Margaret Sundre, and Thomas Yackel
- CHAPTER 19 Fix Pharmacy! 197
Jim Carpenter, Tadaaki Hiruki, Michael Krall, and David Smith
- CHAPTER 20 Showdown in the Heart of Texas 199
Robert Posteraro, Wilhelmina Estrada, Tim George, Julito Uy, and Sandra Yee
- CHAPTER 21 Mission Valley Medical Center Physicians Group Practice: The Rumor 207
Noorullah Ahktar, Mary Langdon, David O'Brien, and Ron Jimenez
- CHAPTER 22 The DNA Donation Project 214
Tricia A. Thornton
- CHAPTER 23 Who's in Charge? 218
Melanie Wilson, Mark Mailhot, and Ed Quick

SECTION VI ORGANIZATIONAL AND INTERPERSONAL CONFLICT

Introduction	224
<i>Wendy McPhee</i>	
CHAPTER 24	The Chief Resident's Dilemma 229
<i>Stephen Morgan</i>	
CHAPTER 25	Death of a Committee 233
<i>Robert Halliday</i>	
CHAPTER 26	Whose Job Is It Anyway? 238
<i>Andrew Buettner</i>	
CHAPTER 27	All for the Want of a Plan . . . 242
<i>Anonymous</i>	
CHAPTER 28	Fail to Plan, Plan to Fail 246
<i>Janette Gogler</i>	
CHAPTER 29	Founding Fathers Health Corporation: Idealism and the Bottom Line 250
<i>Richard Dykstra, Lara Fournier, Manish Parekhji, and Qin Ye</i>	
Index	257