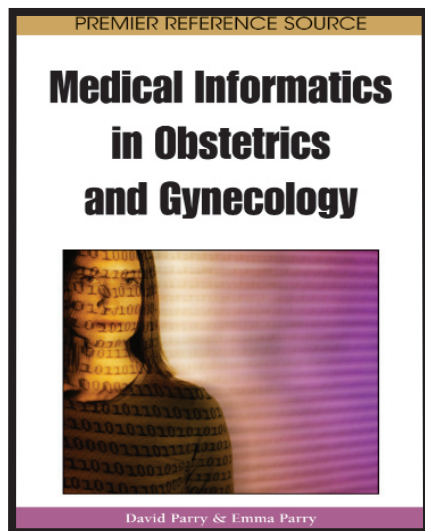


New Release

October 2008

Medical Informatics in Obstetrics and Gynecology



Edited by: David Parry and Emma Parry, University of Auckland, New Zealand

13-digit ISBN: 978-1-60566-078-3

428 pages; 2009 Copyright

Price: US \$225.00 (hardcover*)

Perpetual Access: US \$340.00

Print + Perpetual Access: US \$450.00

Illustrations: figures, tables (8 1/2" x 11")

Translation Rights: World

*Paperback is not available.

“This book provides an introduction for a new enthusiast whatever field they come from and in depth chapters from leading authors in their respective fields.”

-David Parry, University of Auckland, New Zealand

Women’s health comprises a large range of activities including fertility and reproductive health and screening and treatment for gynecological conditions, with computer systems providing vital support.

Medical Informatics in Obstetrics and Gynecology provides industry knowledge and insight to challenges in the areas of informatics that are important to women’s health. Covering topics such as ethical and legal issues, imaging and communication systems, and electronic health records, this Medical Information Science Reference publication provides medical libraries and researchers, as well as medical students, health technology specialists, and practicing physicians and nurses with unrivaled data on the role of technology in obstetrics and gynecology.

Subject:

Bioinformatics; Medical Technologies; Software/Systems Support; Human Aspects of Technology

Market:

This essential publication is for all academic, research, and medical libraries, as well as all those involved in integrating the areas of information science, computer science, and healthcare. Technology specialists, hospital administrators, and healthcare professionals will find the contents in this book invaluable. Researchers, practitioners, clinicians, educators, managers, and students in an array of health and IT-related fields will also benefit.



Excellent addition to your library! Recommend to your acquisitions librarian.

www.info-sci-ref.com

Medical Informatics in Obstetrics and Gynecology

Edited by: David Parry and Emma Parry, University of Auckland, New Zealand

Contributors

Chapter I: An Introduction to Women's Health and Informatics

P. Stone, University of Auckland, Auckland, New Zealand

Chapter II: Women's Health Informatics: The Ethical and Legal Issues

*P. Fade, Poole Hospital NHS Foundation Trust UK
A. McMahon, Poole Hospital NHS Foundation Trust UK*

Information Management Applications

Chapter III: Coding and Messaging Systems for Women's Health Informatics

D. Parry, AUT University, Auckland, New Zealand

Chapter IV: Women's Health Informatics in the Primary Care Setting

G. Parry, Horsmans Place Partnership, United Kingdom

Chapter V: The Electronic Health Record to Support Women's Health

E. Parry, University of Auckland, Auckland, New Zealand

Chapter VI: Imaging and Communication Systems in Obstetrics and Gynecology

G. Parry, Middlemore Hospital, Auckland, New Zealand

Obstetrics and Neonatology

Chapter VII: Statistical Measures in Maternity Care

E. Parry, University of Auckland, Auckland, New Zealand

Chapter VIII: Building Knowledge in Maternal and Infant Care

*KA Massey, University of British Columbia, Vancouver, Canada
TJ Morris, University of British Columbia, Vancouver, Canada
RM Liston, University of British Columbia, Vancouver, Canada
P von Dadelszen, University of British Columbia, Vancouver, Canada
JM Ansermino, University of British Columbia, Vancouver, Canada*

LA Magee, University of British Columbia, Vancouver, Canada

Chapter IX: Informatics Applications in Neonatology

Malcolm Battin, Department of Pediatrics, Starship Hospital, Auckland, New Zealand

*David Knight, Mater Mothers' Hospital, Australia
Carl Kushel, The Royal Womens Hospital, Australia*

Chapter X: Computerising the Cardiogram (CTG)

J. Westgate, University of Auckland, Auckland, New Zealand

Gynecology Applications

Chapter XI: Computer Assisted Cervical Cytology

*Liron Pantanowitz, Baystate Medical Center, USA
Maryanne Hornish, Baystate Medical Center, USA
Robert A. Goulart, Baystate Medical Center, USA*

Chapter XII: Informatics and Ovarian Cancer Care

Laurie Elit, Department of Obstetrics and Gynecology, Canada

*Susan Bondy, University of Toronto, Canada
Michael Fung-Kee-Fung, Department of Obstetrics and Gynecology, Canada*

Prafull Ghatage, Department of Obstetrics and Gynecology, Canada

Tien Le, Department of Obstetrics and Gynecology, Canada,

Barry Rosen, Department of Obstetrics and Gynecology, Canada

Bohdan Sadovy, Princess Margaret Hospital, Canada

Knowledge and Information Management and Use

Chapter XIII: Women's Health and Health Informatics- Perinatal Care Health Education

Jamila Abuidhail, Glasgow Caledonian University, UK

Chapter XIV: Electronic Information Sources for Women's Health Knowledge for Professionals

Shona Kirtley, University of Oxford, UK

Chapter XV: Computerised Decision support for Women's Health Informatics

D. Parry, AUT University, Auckland, New Zealand

About the Editors:

David Parry is a senior lecturer in the Auckland University of Technology School of Computing and Mathematical Sciences New Zealand. His PhD thesis was concerned with the use of fuzzy ontologies for medical information retrieval. He holds degrees from Imperial College and St. Bartholomew's Medical College (London), Auckland University of Technology and the University of Otago (New Zealand). His research interests include internet-based knowledge management and the semantic web, health informatics, the use of radio frequency ID in healthcare and information retrieval.

Emma Parry (FRANZCOG CMFM) is a senior lecturer in Obstetrics and Gynaecology, University of Auckland. Her main interests over the last few years have been induction of labour rates and the techniques used to achieve labour induction. Her MD thesis is titled 'Induction of Labour: How, Why and When?'. She has also been involved in looking at obstetricians views on induction of labour and caesarean section. She is a trained sub-specialist in maternal-fetal medicine.

Excellent addition to your library! Recommend to your acquisitions librarian.

www.info-sci-ref.com