Table of Contents

RESEARCH ARTICLES

1 Organizational Factors Influencing the Use of Clinical Decision Support for Improving Cancer Screening Within Community Health Centers
   Timothy Jay Carney, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, NC, USA
   Michael Weaver, Indiana University School of Nursing, Indianapolis, IN, USA
   Anna M. McDaniel, Indiana University School of Informatics (IUPUI) & Indiana University School of Nursing, Indianapolis, IN, USA
   Josette Jones, Indiana University School of Informatics (IUPUI), Indianapolis, IN, USA
   David A. Haggstrom, VA HSR&D Center of Excellence on Implementing Evidence-based Practice & Roudebush VA Medical Center Regenstrief Institute Inc. & Division of General Internal Medicine, Indiana University School of Medicine, Indianapolis, IN, USA

30 Design Principles in Health Information Technology: An Alternative to UML Use Case Methodology
   Sabah Al-Fedaghi, Computer Engineering Department, Kuwait University, Safat, Kuwait

42 Human and Organizational Factors of Healthcare Data Breaches: The Swiss Cheese Model of Data Breach Causation And Prevention
   Faouzi Kamoun, College of Technological Innovation, Zayed University, Dubai, UAE
   Mathew Nicho, College of Information Technology, University of Dubai, Dubai, UAE

61 Application Portfolio Management in Hospitals: Empirical Insights
   Joey van Angeren, Department of Industrial Engineering and Innovation Sciences, Eindhoven University of Technology, Utrecht, Netherlands
   Vincent Blijleven, Center for Marketing and Supply Chain Management, Nyenrode Business Universiteit, Utrecht, Netherlands
   Ronald Batenburg, Department of Information and Computing Sciences, Utrecht University, Utrecht, Netherlands

Copyright
The International Journal of Healthcare Information Systems and Informatics (IJHISI) (ISSN 1555-3396; eISSN 1555-340X), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.