

# Table of Contents

## International Journal of E-Health and Medical Communications

Volume 7 • Issue 1 • January-March-2016 • ISSN: 1947-315X • eISSN: 1947-3168

*An official publication of the Information Resources Management Association*

### Research Articles

- 1      **Applications of Intelligent Agents in Health Sector-A Review**  
Suresh Sankaranarayanan, SRM University, Chennai, India  
Subramaniam Ganesan, Oakland University, Rochester, MI, USA
  
- 31     **The Unified Model for Acceptance and Use of Health Information on Online Social Networks: Evidence from Thailand**  
Waransanang Boontarig, King Mongkut's University of Technology Thonburi, Bangkok, Thailand  
Borworn Papisatorn, King Mongkut's University of Technology Thonburi, Bangkok, Thailand  
Wichian Chutimaskul, King Mongkut's University of Technology Thonburi, Bangkok, Thailand
  
- 48     **Integrated Smart TV-Based Personal e-Health System**  
Laura Raffaeli, Università Politecnica delle Marche, Ancona, Italy  
Susanna Spinsante, Università Politecnica delle Marche, Ancona, Italy  
Ennio Gambi, Università Politecnica delle Marche, Ancona, Italy
  
- 65     **Diagnosis of Breast Cancer Using Intelligent Information Systems Techniques**  
Ahmad Al-Khasawneh, Hashemite University, Zarqa, Jordan
  
- 76     **Chronic Wound Characterization using Bayesian Classifier under Telemedicine Framework**  
Chinmay Chakraborty, Department of Electronics and Communication Engineering, Birla Institute of Technology, Mesra, Jharkhand, India  
Bharat Gupta, Department of Electronics and Communication Engineering, Birla Institute of Technology, Mesra, Jharkhand, India  
Soumya K. Ghosh, School of Information Technology, Indian Institute of Technology, Kharagpur, India

### COPYRIGHT

The **International Journal of E-Health and Medical Communications (IJEHMC)** (ISSN 1947-315X; eISSN 1947-3168), Copyright © 2016 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.

The *International Journal of E-Health and Medical Communications* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory