

Table of Contents

International Journal of E-Health and Medical Communications

Volume 8 • Issue 3 • July-September-2017 • ISSN: 1947-315X • eISSN: 1947-3168

An official publication of the Information Resources Management Association

Research Articles

- 1 **A Review on the Contribution of Emergency Department Simulation Studies in Reducing Wait Time**
Basmah Almoaber, University of Ottawa, Ottawa, Canada & King Khalid University, Abha, Saudi Arabia
Daniel Amyot, University of Ottawa, Ottawa, Canada

- 22 **Categorize Readmitted Patients in Intensive Medicine by Means of Clustering Data Mining**
Rui Veloso, University of Minho, Braga, Portugal
Filipe Portela, University of Minho, Braga, Portugal
Manuel Filipe Santos, University of Minho, Braga, Portugal
José Machado, University of Minho, Braga, Portugal
António da Silva Abelha, University of Minho, Braga, Portugal
Fernando Rua, Centro Hospitalar do Porto, Porto, Portugal
Álvaro Silva, Centro Hospitalar do Porto, Porto, Portugal

- 38 **A Reversible Data Hiding Scheme for Efficient Management of Tele-Ophthalmological Data**
Abhilasha Singh, Amity University, School of Engineering and Technology, Noida, India
Malay Kishore Dutta, Amity University, School of Engineering and Technology, Noida, India

- 55 **Egocentric Landmark-Based Indoor Guidance System for the Visually Impaired**
Zhuorui Yang, University of Massachusetts Amherst, Electrical and Computer Engineering Department, Amherst, MA, USA
Aura Ganz, University of Massachusetts Amherst, Electrical and Computer Engineering Department, Amherst, MA, USA

- 70 **A Proxy-Based Solution for Asynchronous Telemedical Systems**
Sampsa Rauti, University of Turku, Turku, Finland
Janne Lahtiranta, University of Turku, Turku, Finland
Heidi Parisod, University of Turku, Turku, Finland
Sami Hyrynsalmi, Tampere University of Technology, Pori, Finland
Sanna Salanterä, University of Turku, Turku, Finland
Minna Elisabeth Aromaa, University of Turku, Turku, Finland
Jouni Smed, University of Turku, Turku, Finland
Ville Leppänen, University of Turku, Turku, Finland

COPYRIGHT

The **International Journal of E-Health and Medical Communications (IJEHMC)** (ISSN 1947-315X; eISSN 1947-3168), Copyright © 2017 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