

# Journal of Emerging Technologies in Web Intelligence

ISSN 1798-0461

Volume 1, Number 2, November 2009

## Special Issue: E-health Interoperability

Guest Editors: Craig Kuziemsky, Norm Archer, and Liam Peyton

## Contents

---

### GUEST EDITORIAL

- Towards E-Health Interoperability: Challenges, Perspectives and Solutions 107  
*Craig E. Kuziemsky, Norm Archer and Liam Peyton*
- 

### SPECIAL ISSUE PAPERS

- Event-Driven Data Integration for Personal Health Monitoring 110  
*Alain Moutham, Liam Peyton, Ben Eze, and Abdulmotaleb El Saddik*
- An Agent-based Knowledge Management Framework for Electronic Health Record Interoperability 119  
*Fang Cao, Norm Archer, and Skip Poehlman*
- An eBusiness-based Framework for eHealth Interoperability 129  
*Craig E. Kuziemsky and Jens H. Weber-Jahnke*
- Toward Web-based Careflow Management Systems 137  
*Keith Miller and Wendy MacCaull*
- Securely Streaming SVG Web-Based Electronic Healthcare Records involving Android Mobile Clients 146  
*Sabah Mohammed, Jinan Fiaidhi, and Osama Mohammed*
- eHealth Interoperability with Web-based Medical Terminology Services - A Study of Service Requirements and Maturity 153  
*Neil Barrett and Jens H. Weber-Jahnke*
- Privacy Based Information Brokering for Cooperative Distributed e-Health Systems 161  
*AbdulMutalib Masaud-Wahaishi and Hamada Ghenniwa*
-

