Table of Contents

International Journal of Extreme Automation and Connectivity in Healthcare

Volume 2 • Issue 2 • July-December-2020 • ISSN: 2577-4794 • eISSN: 2577-4808

MAKING EXTREME MEDICINE A ROUTINE:

EDITORIAL PREFACE

iv Sabah Mohammed, Lakehead University, Ontario, Canada Jinan Fiaidhi, Lakehead University, Ontario, Canada

RESEARCH ARTICLES

1 Predicting Patient Admission From the Emergency Department Using Administrative and Diagnostic Data

David W. Savage, Northern Ontario School of Medicine, Canada
Douglas G. Woolford, University of Western Ontario, Canada
Mackenzie Simpson, Lakehead University, Canada
David Wood, Thunder Bay Regional Health Sciences Centre, Canada
Robert Ohle, Northern Ontario School of Medicine, Canada

12 Impact of Attentional Loading and Task Constraints on Postural Control of Healthy Older Adults

Eryk Przysucha, Lakehead University, Canada Brontë A. Vollebregt, Lakehead University, Canada Carlos Zerpa, Lakehead University, Canada

26 Feasible E-Health Strategies to Reduce Maternal Mortality in Kenya

Richard Charles Millham, Durban University of Technology, South Africa Israel Edem Agbehadji, Durban University of Technology, South Africa T. Puckree, Durban University of Technology, South Africa V. Mukami, Africa Nazarene University, Kenya Tengyue Li, University of Macao, Macao

37 Security of E-Health Systems Using Face Recognition Based on Convolutional Neural Network

Zhixian Chen, Beijing Institute of Technology, Zhuhai, China Jialin Tang, Beijing Institute of Technology, Zhuhai, China Xueyuan Gong, Beijing Institute of Technology, Zhuhai, China Qinglang Su, Institute of Data Science, City University of Macao, Macao

42 Health and Well-Being Education: Extending the SCARF Learning Analytics Model for Identifying the Learner Happiness Indicators

Tengyue Li, University of Macao, Macao Joao Alexandre Lobo Marques, University of Saint Joseph, Macao Simon Fong, University of Macao, Macao

54 Crowdsensing-Based Gamification for Collective Assistance for Post-Era of Coronavirus Epidemic in Community Living

Renfei Luo, Guangdong University of Finance and Economics, China João Alexandre Lôbo Marques, University of Saint Joseph, Macao Kok-leong Ong, La Trobe University, Australia Simon Fong, University of Macao, Macao

Copyright

The International Journal of Extreme Automation and Connectivity in Healthcare (IJEACH) (ISSN 2577-4794; eISSN 2577-4808), Copyright © 2020 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 Extreme Automation and Connectivity in Healthcare is indexed or listed in the following: Google Scholar