6th International Conference on

Medical Informatics & Telemedicine

July 05-06, 2018 | Berlin, Germany

DEVELOPMENT OF A BREASTFEEDING APP APPLYING COMMON CO-DESIGN PRINCIPLES AND PERSUASIVE SYSTEM DESIGN: A METHODOLOGY GUIDE BREASTFEEDING MOBILE HEALTH APPLICATIONS: AN EVALUATION STUDY

Shahla Meedya[a], Khin Win[a], Liz Halcomb[a], Heather Yeatman[a], Lois Burgess[a], Karen Walton[a] and **Karen Walton[a]**
[a]University of Wollongong, Australia

Technology advancements, along with the growth in adoption of smartphones and mobile software applications in healthcare delivery, have brought significant transformations in nursing models of care. It has been argued that, rather than being solely passive users of health technologies, the nursing workforce need to take on more active roles in technology design. This presentation provides a systematic and detailed methodology in designing an app on breastfeeding education and support which can be transformable to other nursing care related apps. The steps included:

1. Assessment of background knowledge and evidence
2. Assessment of user needs to inform the focus of intervention
3. Assessment of user needs to inform type of technology used
4. Development of the intervention including content and framing
5. Pre-testing of intervention prototypes followed by changes based on feedback.
6. Pilot testing of the intervention in the 'real world' providing feedback incorporated into the final version of the intervention.

Notes:

Journal of Health & Medical Informatics
ISSN: 2157-7420

Medical Informatics 2018
July 05-06, 2018

Volume 9

Page 89