

COMPLETION REPORT

In Indonesia the development of technologies such as mobile phones are very rapidly. The devices such as mobile phone very sophisticated but limited function for improve her/his health. **The research design** used operation research approach that stage of research: Identifying health education needs required by the target respondents, studied model of m-health in the State of Japan which is part of a collaboration with Kitasato University, developed of educational materials M-health and web base as media, development of health education website can be accessed via [www.fik.ui.ac.id / pkko](http://www.fik.ui.ac.id/pkko), developed he sms-gateway system for patient health education and evaluated of the implementation of M-health. **Samples of this study** were nursing student and their family (n= 140) and selected by purposive sampling. **The data have been analyzed** by Correlation Spearment and Wilcoxson approach. Results of research: **Results of research** have been developed web learning: [www.fik.ui.ac.id / pkko](http://www.fik.ui.ac.id/pkko) and health education by sms gateway. The evaluation of implementation health education through m-Health showed that all respondents forward those health education messages, however still a few respondents get information the existance about health education from provided website. There is a relation between respondents who like technology, easy to adapt with technology with positive perception with development and M-health implementation for health education in community (R= 0.34. p=0.007) and respondents who have perception for supporting M-health that positively correlated with positive action like forward the education message to their family (R=0.57, p=0.001). This invention support research related to adaption of telemedicine implementation. Adoption of technology application is a complex process. There are several stages of adaption, which in first stage, the individual will consider using health education through technology. Second stage is a persuasion stage that individual will value the advantages of health education technology. Afterward, the individual will decide to adopt or decline the technology. In the early stages of implementation, it can be followed by diffusion where the implementation of deployment technology can be expanded (Zanaboni & Wootton, 2012). **Conclusion:** M-health implementation perceived give good benefits towards awareness of preventive and promotive health. The success of M-health implementation related to infrastructure availability and adaptability to technology. The process of technology adoption also affected by community readiness to adopt technology. Technology adoption and positive perception also affect positive action in community to forward health information to the family. Benefits of M-health has been demonstrated in so many risets, however the Mhealth implementation in Indonesia still has some problems related to technology skills, technology adoption and infrastructure. During this time, in Indonesia mobile phones are more widely used to communicate and still very rarely used as health education media. The introduction of sustainable M-health need to be implemented in order to improve the spread of health information widely and quickly and need to be undertaken with the broader community respondents so the benefits can be felt by public.

Publication of the Results of Research Project:

Verbal Presentation (Date, Venue, Name of Conference, Title of Presentation, Presenter, etc.)

1. International Exchange Program Joint Conference on Nursing for Partnership between Universitas Indonesia and Kitasato University Japan, 28 June, 2012. Location: Meeting Room 1st Floor, Faculty of Nursing, Kitasato University. Moderator: Dr. Yoshiko Ohno
Presenter
 1. Rr. Tutik Sri Hariyati (Indonesia)
 2. Dr. Yoshiko Ohno (Japan)
 3. Dwi Nurviyandari (Indonesia)
 4. Miyoko Hayashi (Japan)
 5. Jajang Rahmat Solihin (Indonesia)
 6. Yumiko Takubo (Japan)
 7. Tuti Nuraini (Indonesia)
 8. Dikha Ayu Kurnia (Indonesia)
 9. Yusnita G (Indonesia)

2. International Conference on Multidiciplinary Research (ICMR), 1 – 3 November, 2012. Location : Pulau Pinang Malaysia. Organizer : University of Science Malaysia, Universitas Islam Sumatera Utara, Universitas Syeh Kuala Banda Aceh (Proceeding in attached paper).
 - The Knowledge and Skills of Nursing Students Universitas Indonesia about Information Technology and Mobile Health (by Kusuma Wati, Hariyati, Kurnia, Kobayashi & Herawati)
 - The Importance of a Mobile Health to Improve Nursing Students Health Awareness in Faculty of Nursing Universitas Indonesia(by, Kurnia, Hariyati, KusumaWati, Kobayashi & Herawati)

Thesis

1. Development and Implementation of Mobile Health for Improving Health Education in Indonesia submitted in international Journal: Computer, Informatics and Nursing (Flying)
2. Relation of nursing student ability to adapt in latest information with their attitudes toward mobile health will submit in Nursing Journal Indonesia

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CIN Submission Confirmation for Development and Implementation of Mobile Health for Improving Health Education in Indonesia Selasa, 26 Maret, 2013 14:02

Dari: "CIN" <edit@medesk.com>

Kepada: "Rr.Tutik Sri Hariyati" <rrtutik@yahoo.com>

Mar 26, 2013

Dear Mrs Sri Hariyati,

Your manuscript, "Development and Implementation of Mobile Health for Improving Health Education in Indonesia," has been received by the CIN editorial office. It will be reviewed for technical requirements (abstract and keywords in the body of the manuscript, receipt of signatures on copyright transfer forms for all coauthors, references in AMA format) and if these and other requirements have been met it will be assigned to an editor.

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Joint Conference on Nursing for Partnership
Indonesia University
and
Kitasato University

Moderator: **Dr. Yoshiko Ohno**

Program

1. Ms. Rr. Tutik Sri Hariyati
2. Dr. Yoshiko Ohno
3. Ms. Dwi Nurviyandari
4. Dr. Miyoko Hayashi
5. Mr. Jajang Rahmat Solihin
6. Ms. Yumiko Takubo
7. Ms. Tuti Nuraini

Date : June 28th, 2012 10:00-12:00
Place : Meeting Room 1st Floor, Faculty of Nursing, Kitasato University



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