

THE INFLUENCE OF MIDWIFERY UPDATE (MU) TRAINING ON THE KNOWLEDGE OF MIDWIVES AT THE INDONESIAN MIDWIVES ASSOCIATION (IBI CIMAHI CITY IN 2023)

Bdn. Tri Setiowati, SST., SKM., M.Kes¹, Mega Dewi Lestari, SST., M.Keb², and Sekar Buana³

^{1,2,3} Fakultas Ilmu dan Teknologi Kesehatan, Universitas Jenderal Achmad Yani Cimahi

Email: trisetiowati@yahoo.co.id

Abstracts

Introduction: The existence of midwives in Indonesian society is one of them give service health with sufficient quantity big naturally must accompanied with guarantee quality quality service with through policy organization profession training Midwifery Update (MU) is a must followed all over member every 5 years as means development of midwife human resources comprehensive. Methodology: Research methods used is quasi experiment with design one group pretest- posttest design. Study This use technique total sampling of 30 samples participant training Midwifery Update (MU) month may 2023. Research findings Analysis done with paired sample t-test with The result is p 0.0001 ($\alpha=0.05$), meaning that there is an influence of Midwifery Update (MU) training on the level of knowledge of midwives. Conclusions: This research can be a motivation for midwives and other health workers to carry out continuous training and increase knowledge so they can make decisions in midwifery services and maintain the quality of services.

Keywords :Training, Midwifery Update, Knowledge

1. Introduction

Optimal degree of health is objective from Health development which is an integral part of development national like has entrusted in Preamble The 1945 Constitution (UUD 1945). Maternal and child health problems Still is problem crucial in Indonesia because problem the is One indicator prosperity nation (PP IBI, 2021).

In line with Regulation President Number 59 of 2017 concerning Implementation Achievement of Development Goals/Sustainable Development Goals (SDG's), especially SDGs goal Number 3, namely "Good Health and Prosperity" for ensure healthy and supportive life well-being for all in all age in accordance with the SDG's agenda for

2030 direct focus development sustainable starting with children (PP IBI, 2021).

The quality of human resources for children is implemented with improve maternal health status pregnancy, baby health, toddler health and children 's health school during the golden period To use print superior Indonesian people forward (PP IBI, 2021). Improved Health Status can achieved through access guaranteed health services quality by trained Health personnel at the facility Health services (Kementerian Kesehatan Republik Indonesia, 2019).

Institutions, agencies, organizations see that source Power man is a must asset developed. Potency Human Resources can developed with Good through training For increase ability in

accordance with needs. Human Resources (HR) is one very important factor even No released from A organization (Bernadetha Nadeak, 2019).

Existence midwife in the middle Indonesian society as one giver service health with sufficient quantity big naturally must accompanied with guarantee quality quality service. Population residents in the city Cimahi in 2022 as many as 527,235 people (Badan Pusat Statistik Kota Cimahi, 2023).

Guarantee quality quality service midwife by IBI with through policy organization profession that is training Miwifery Update (MU) is a must followed by the whole IBI member every 5 years as means development of midwife human resources comprehensive, tiered and sustainable. Because knowledge knowledge and HR needs Keep going always develop accompanied with competition global need midwives who are insightful, educated, and constant skills and abilities updates as well as capable adapt with development so that competent in carrying out professional practice .

2. Methode

Study This use type study experiment with approach quantitative. Research design used is quasi experiment or design experiment pseudo. Experimental design pseudo or quasi experiment with design one group pretest-posttest design used in design study This Because researcher only do intervention on one group without There is comparison or control group and effectiveness intervention assessed with compare mark post test and pre-test.

Pre-test answers at the IBI Cimahi City Branch. Primary data was obtained directly from research subjects collected through observation sheets and questionnaires for recording

subject data. In this study, primary data was obtained from post test questionnaires.

Pre-test data was obtained from respondents during the Midwifery Update training on 4-6 May 2023. Then the researcher carried out a validity test before conducting research on 2 August 2023 at IBI, West Java Province on 30 midwives. After the questions, the researcher tested the validity and reliability. contact Midwifery Update participants to complete the google form informed consent for research and providing a post test Google Form questionnaire via Zoom meeting at the same time on August 12 2023.

This research uses an instrument in the form of a questionnaire to assess the increase in knowledge before and after the Midwifery Update training. The questionnaire consists of 50 questions consisting of 9 questions regarding the development of the midwife profession and the latest midwifery policies, 4 questions regarding adaptation of midwifery services (KIA-KESPRO) during the Covid-19 pandemic, 8 questions regarding etiquette in midwifery services, 4 questions regarding updating services integrated antenatal care, 8 questions regarding updating postpartum care and contraceptive services, 7 questions regarding updating maternal and neonatal emergency care, 3 questions regarding updating care for newborns, toddlers and preschool children, 2 questions regarding reproductive health and sexuality care, 5 questions regarding updating P2KB, all questions have 4 alternative answers or multiple choices.

3. Results

Results study from discussion about Influence Training Midwifery Update (MU) Against Enhancement Knowledge of Midwives at the Indonesian Midwives Association (IBI) Cimahi City In 2023, research This done to 30 midwives

participant training Midwifery Update on 12 August 2023.

Analysis results illustrate distribution frequency Midwife's knowledge before and after done training Midwifery Update.

Table 1. Overview of Midwives' Previous Knowledge Training
Midwifery Update

Midwife Knowledge	Frequency	Percentage
Good	1	3,3
Enough	5	16,7
Not Enough	24	80,0
Total	30	100

Based on Table 4.1, it is found results that of 30 respondents level knowledge respondents before done training Partial Midwifery Update (MU). small knowledgeable Good namely 1 person (3.3%) and knowledgeable enough 5 people (16.7%) and some big knowledgeable not enough as many as 24 people (80.0%).

This thing possibility caused by existence difference age and level education. Appropriate with the theory put forward Widyawati in his book entitled Health Promotion Textbook for Student Nursing that knowledge is ability individual For remember return (recall) or recognize return names, words, inspiration, formulas, and so on (Widyawati, 2020).

Age will influence Power catch and pattern think someone. The more increase age a number of ability will decrease Enough fast in line with increase age (Budiman & Agus Riyanto, 2013).

Adult learning own principle slow learning, but more integrative learning It means learning mature No is fast learning understand Because they generally has bound a number other commitments and a number of not quite enough answer the one who made it Keep going experiencing "disruption study". Principle Adult learning is also in nature Less-opened (Restrained to change) It means learner mature tend No easy changed his knowledge, side

positive learner mature is sufficient knowledge For follow training, you know benefits and mastering strategies knowledge that (June Kuncoro Hadiningrat, 2023).

On the other hand "adult intelligence" makes they resistant to change, influencing factors That including arrogance Because feel Already experienced, accomplished and occupy position high. Rejection For can change too caused Because No see There is mark positive For do change and change method thought (June Kuncoro Hadiningrat, 2023).

In line with research conducted Haryanti, dkk (2019) in the journal nursing soul Regarding the description of parental behavior in stimulating children who experience it Lateness Development Age 0-6 Years that the more old somebody the more ripe in ability think. So more and more old somebody possible For own knowledge the more good. However in age This ability remembering and acceptance to knowledge new the more reduced. So from That depends with understanding, experience and information obtained.

Decline function cognitive learning processes, perception, understanding, understanding, movement and action will experience decline function moment somebody enter stage elderly according to Nugroho (2000) and knowledge is ability lowest cognitive level but very important Because can form behavior somebody in help help himself Alone or someone else in finish problem. Memory someone is one of them influenced by age according to Notoatmodjo (2012) in study (Melva, 2021).

In line with study Noberti, dkk (2021) journal friend nursing regarding the description of the mother's level of knowledge about Exclusive breastfeeding at UPTD Community Health Center Haliwen say in his research increase age somebody can

influence the increase the knowledge he acquired, but at age certain or approaching age carry on ability reception or remember something knowledge will reduced.

Education also influences knowledge matter. This stated by Budiman & Agus Riyanto in his book entitled *Capita Selekta Questionnaire Knowledge and Attitude in Health Research* that knowledge is a learning process, increasingly tall education somebody increasingly easy for that person. For accept information, good from other people or from mass media. The more Lots incoming information the more there's a lot of knowledge obtained about health (Budiman & Agus Riyanto, 2013).

Education level. Not only influence level knowledge person, but also ability accept information matter the in line with research conducted Zakiyatul,dkk (2017) Journal Sudirman Nursing regarding The Influence of Health Education with Poster Media Against Knowledge Management Hypertension in Patients Hypertension that level the same education produce respondents in the range the same knowledge and can showing that ability same understanding.

In research that has been done done (Filius Chandra dkk, 2019) Journal Scientific Knowledge Indonesian Nursing regarding the Education and Knowledge Level of Pregnant Women with Health Status was found that level education also has connection with ability in accept information, Education level will determine easy or not somebody accept something knowlegde. The more tall level education so somebody will more easy accept information. Results pretest on research This showing part big respondents not enough in answer question about development profession midwives and

policy latest Obstetrics is also a question about eticolegal in midwifery.

Can withdrawn conclusion that level knowledge Midwives can reduce along increase age. Because decline function cognitive remember return (recall) or recognize back, p that can also be done influenced by level education. Because the more tall level education so the more easy individual can more easy in accept information.

Table 2 . Overview of Midwife Knowledge After Training *Midwifery Update*

Midwife Knowledge	Frequency	Percentage
Good	8	26,7
Enough	16	53,3
Not Enpugh	6	20,0
Total	30	100

Based on table 4.2, obtained results that of 30 respondents level knowledge respondents after done training Midwifery Update (MU) is lacking from half knowledgeable Good namely 8 people (26.7%), more from half knowledgeable Enough namely 16 people (53.3%) however Still There is part small knowledgeable not enough namely 6 people (20.0%).

Adult learning also has factor using personal experience as a resource. It means learner mature will use ocean experience personal For continue knowledge new. Old knowledge often used For compare, judge, evaluate knowledge new (June Kuncoro Hadiningrat, 2023).

This thing caused by existence motivation, motivation is all something that influences success in activity learning. Learning will felt difficult reach optimal results without exists motivation. Research results in Journal Educational Sciences regarding Influence Motivation Student Science Learning Regarding Learning Outcomes at State Elementary School 01 which was carried out Frandy,dkk (2019) showing exists influence motivation to results learning, motivation is desire in self somebody in

a way No aware in activate, mobilize and distribute behavior in obtain experience and dig information. Motivation learning is also expressed in research by Yati Suhartini, et al (2023) regarding Influence of Training Design., Environment Non-Physical Work and Self-Efficacy towards Accredited Pitstop Training Transfer at Nur Hidayah Hospital Yogyakarta that individual who owns motivation high learning during training and enthusiasm For apply results from training proven become factor reason successful transfer of knowledge in training in study (Yati Suhartini , dkk 2023).

In the process of receiving information environment become factor on all something that exists around individual, fine environment physical, biological, or social. Environment influential to the entry process knowledge to in existing individuals in environment that. This thing happen Because exists reciprocal interaction or no, that will responded as knowledge by everyone individual (Budiman & Agus Riyanto, 2013).

Research that has been done Yuli Fitriani & Irmawita, (2020) in Journal of Out-of-School Education about Relationship Between Environments Study with Citizens' Motivation to Learn Follow Training Sumal at PKMB Surya Padang City that environment conducive learning will give impact in a way No direct like appearance motivation in activity learning. Conducive environment This will make motivation you have participant the increase and can push participants Study more enterprising with completely heart. There is significant thing between environment Study with motivation Study participants who took part training.

Posttest results in research This showing change part big respondents answer return question about development profession midwives and

policy latest Obstetrics is also a question about eticolegal in midwifery with right.

Can withdrawn conclusion that conducive environment like training Where happen interaction between individual will motivating somebody For can accept information can influence on the results learning or knowledge individual from No know become know.

Analysis results bivariate For disclose is variable each other collate and test hypothesis research as well as see description influence between variable research.

Table 3 . Statistical Test *Paired T Test* Influence between Training Midwifery Update with Enhancement Midwife Knowledge

	n	Mean	Std Deviation	Std Error Mean	p-value
Pre-test	30	22.10	7,397	1,350	
Post-test	30	33.10	7.950	1,451	0.001

Based on table 3 analysis to 30 respondents obtained that the mean value is obtained enhancement level Midwife's prior knowledge done training is 22.10 with standard deviation 7.397 and Midwife knowledge level after done training is 33.10 with standard deviation 7,950 and mean difference of -11,000.

Based on statistical analysis tests with Pairet T Test obtained that mark significance $0.0001 > 0.005$ (attached test results), test results can concluded that There is increase or There is significant difference to knowledge midwife before and after done training Midwifery Updates.

Research results This in line with research conducted by VinaNirmalasarim, dkk (2020) in Journal Nursing about Influence Training (BHD) Against Knowledge Skills Public Health students can concluded there is influence training to knowledge . Based on other research conducted Kartikasari, dkk (2020)

Journal Care about Influence Training Assessment Comprehensive To Knowledge and Skills Nurse Review Client Needs at the Community Health Center can concluded there is influence training to knowledge. Study Agnes Erida.,dkk (2022) about influence training cadre through blended learning to level knowledge Integrated Healthcare Center teenager there is meaningful differences between score knowledge before and after given training.

Training is a long-term educational process short that unites learning in a way theory and practice, thus, training is possible factors increase knowledge someone. In his book Sri Larasati (2018) Training capable influence level knowledge in a way significant Because own factors supporters. One factors that make training Midwifery Update (MU) can increase knowledge that is Because source information or information media as transfer facility provides base cognitive new to matter mentioned (Budiman & Agus Riyanto, 2013).

Training with using media or tool show make knowledge respondents increase in a way significant based on study Ismiyanti Achmad (2022) in Journal Global Health Science regarding Health Education Using Leaflets and Phantoms for Increase Mother's Skills for Caring for Babies , namely health education using leaflets and phantoms to increase Skills Mother nurse baby obtained results that use tool phantom as a delivery medium information can increase knowledge and skills someone.

Other factors can be increase knowledge participant training that is with creation environment as something around individual Good physical, biological nor social. Environment influential to the entry process knowledge to in individual. This thing happen Because exists reciprocal

interaction or no, that will responded as knowledge by everyone individual.

On research This experience also becomes source knowledge For obtain truth knowledge with experience Study repeating knowledge as well as give innovation new For develop ability take decision which is manifestation from cohesiveness reasoning in a way scientific and ethical departures from problem real in field it works (Budiman & Agus Riyanto, 2013).

4. Discussion

More from motivation principle learner adults have too high expectations Where hope tall will benefit or impact from training This they in a way critical will pay close attention is benefit Study materials and advice in training give fast solution in increase Skills them (June Kuncoro Hadiningrat, 2023).

Every organization caring profession productivity, Education and training meruakan the most important fact . Everyone is encouraged and trained. In case This study and practice is a process without end or throughout life (Darari Bariqi, 2018). In line with guarantee quality quality service midwife by IBI with through policy organization profession that is training Midwifery Update (MU) is a must followed all over IBI member every 5 years as means human resource development comprehensive, tiered and sustainable (PP IBI, 2021).

Training Midwifery Update influential positive to enhancement knowledge. Enhancement knowledge through training is something business in carry out more work effective and efficient (Herman Sofyandi, 2013). Without knowledge somebody No have base For take decision and determine action to problems faced (Notoatmodjo in Achmad Albunsyary, 2020).

5. Conclusions

Conclusion of research that has been done is that part large (80%) respondents knowledgeable not enough before done training Midwifery Update and parts small (20%) respondents knowledgeable not enough after done training Midwifery Update found significant influence between training Midwifery Update to level Midwife knowledge.

Reference

[1] Achmad Albunsyary . (2020). Influence Knowledge , Experience Work , HR Competency and Career Development towards Performance Work Personnel Police Pamekasan . MAP (Journal Management and Public Administration).

[2] Arikunto , S. (2013). Procedure Research : A Approach Practice . Rineka Cipta.

[3] Arikunto S. (2021). Basics _ Educational Evaluation (Vol. 3). Literary Earth.Cimahi City Central Statistics Agency. (2023). CIMAHI CITY IN NUMBERS.

[4] Bernadetha Nadeak , M. Pd. , P. (2019). Learning Material Book Management Training and Development . UKI Press.

[5] Budiman, & Agus Riyanto. (2013). Capita Selecta Questionnaire Knowledge and Attitude in Health Research . Salemba Medika.

[6] Connie Melva Sianipar . (2021). Knowledge of Rheumatoid Arthritis in Sufferers [7] Elderly at the Community Health Center Sipintuangin 2019. Journal Study Nursing Contemporary , 1(2).

[8] Darari Bariqi , M. (2018). Training and Development Human Resources . _ JSMB, 5(2), 64–69.

[9] Filius Chandra, Dini Junita, & Tina Yuli Fatmawati . (2019). Education and Knowledge Level of Pregnant Women with Health Status. Scientific Knowledge Indonesian Nursing , 9(3).

[10] Frandy Pratama , Firman , & Neviyarni . (2019). Influence Motivation Student Science Learning Regarding Learning Outcomes at State Elementary School 01. Journal Educational Sciences , 1(3).

[11] Haryanti D, Ashom K, & Aeni Q. (2019). Description of Parental Behavior in Stimulation of Experiencing Children Lateness Development Age 0-6 Years . Journal Psychiatric Nursing , 6(3).

[12] Herman Sofyandi . (2013). Human Resources Management . House Science.

[13] Ismiyanti Achmad. (2022). Health Education Using Leaflets and Phantoms for Increase Mother's Skills for Caring for Babies. Global Health Science, 7. June Kuncoro Hadiningrat. (2023). Management Training (Vol. 1). Pradina Pustaka.

[14] Kartikasari Fitriana, Yani Achir, & Azidin Yustan . (2020). Influence Training Assessment Comprehensive To Knowledge And Skills Nurse Review Client Needs at the Community Health Center . Nursing Asylum Human , 5.

[15] Ministry of Health of the Republic of Indonesia. (2019). 2018 Indonesian Health Profile .

[16] Masadeh , M. (2012). Training, Education, Development and Learning : What is the Difference? European Scientific Journal , 8 .

[17] Nirmalasari Vina, & Winarti Wiwin . (2020). Influencer Training (BHD) Against Knowledge Skills Public Health Students . Journal Widya Gantari Indonesia Nursing , 4(2).

[18] Noberti and Lelo, Djulianus Tes Mau, & Yusfina Modesta Rua. (2021).

Description of Mother's Level of Knowledge About Exclusive breastfeeding at UPTD Community Health Center Haliwen . Journal Friend Nursing , 3(1).