



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA  
BADAN PENGEMBANGAN DAN PEMBERDAYAAN SUMBER DAYA MANUSIA KESEHATAN  
POLTEKKES KEMENKES YOGYAKARTA

# CERTIFICATE

This is to certify that

**SARI CANDRA DEWI**

Has participated as

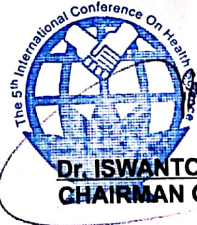
**ORAL PRESENTATION**

In The 5<sup>th</sup> International Conference on Health Science  
"Optimization of Elderly Health on Environmental Support in The Era of SDG's"

**GRAND INNA MALIOBORO, YOGYAKARTA, INDONESIA**  
NOVEMBER, 3<sup>rd</sup> - 4<sup>th</sup> 2018



**JOKO SUSILO, SKM., M.Kes**  
DIRECTOR



**Dr. ISWANTO, S.Pd., M.Kes**  
CHAIRMAN OF COMMITTEE

NO	Speakers	Materials
1	<b>dr. H. Mohammad Subuh, MPPM</b> Ministry of Health Republic of Indonesia	Health Ministry's Policy to Improve Elderly Health in The Era of SDG's
2	<b>Prof. Dr. Sakinah Harith</b> Universiti Sultan Zainal Abidin, Malaysia	Updates On Nutritional Screening and Assessment for Geriatric Patients
3	<b>Dr. Samoraphop Banharak, PhD., RN</b> Nursing Faculty, Khon Kaen University, Thailand	Elderly Accompaniment in the Family and Community Context
4	<b>Armah Tengah, Bsc (Hons), PGDip., M. Ed.</b> Politeknik Brunei, Brunei Darussalam	Women Experiences Going Through Menopause: an Explotatory Study
5	<b>dr. Dety Nurdianti, MPH, Sp. OG (K), PhD.</b> Faculty of Medicine, Universitas Gadjah Mada , Indonesia	Healthy Life Style for Menopause Woman/ Preparing Menopausal Stage for Health and Fresh New Life
6	<b>Dr. Budi Haryanto, SKM, MSPH, MSc</b> Universitas Indonesia, Indonesia	Optimizing Environment to Support Elderly Health
7	<b>Siti Sulastri, S. Pd., M. Kes</b> Poltekkes Kemenkes Yogyakarta, Indonesia	Improvement Dental Health in Elderly
8	<b>Subrata Tri Widada, SKM., MSc</b> Poltekkes Kemenkes Yogyakarta, Indonesia	Testing in Laboratory and Community to Detect Diabetes Mellitus

ROLE	SKP IBI	SKP HAKLI	SKP PTGMI	SKP PERSAGI	SKP PATELKI	SKP PPNI
Conference Participant	4	4	2	2	1	3
Speaker	5	2	3	2	1	3
Moderator	4	2	1	1	1	2
Committee	4	2	2	1	1	2
Phlebotomy Participant					2	
Hand-on Facilitator					2	

PATELKI 14/SKP/PATELKI-XV/10/2018  
 PERSAGI 0241/SK/DPD-PERSAGI-DIY/VII/2018  
 IBI 552/PDIBI/SKP/VI/2018  
 PPNI 0735/DPW.PPNI-DIY/Tap/K.S/VII/2018  
 PTGMI 140/SK/SKP/DPP.PTGMI/IX/2018  
 HAKLI 0200/K/PP-HAKLI/X/2018  
**Angka Kredit dalam Satuan Kredit Kegiatan Mahasiswa (SKKM) = 2 Kredit (peserta)**

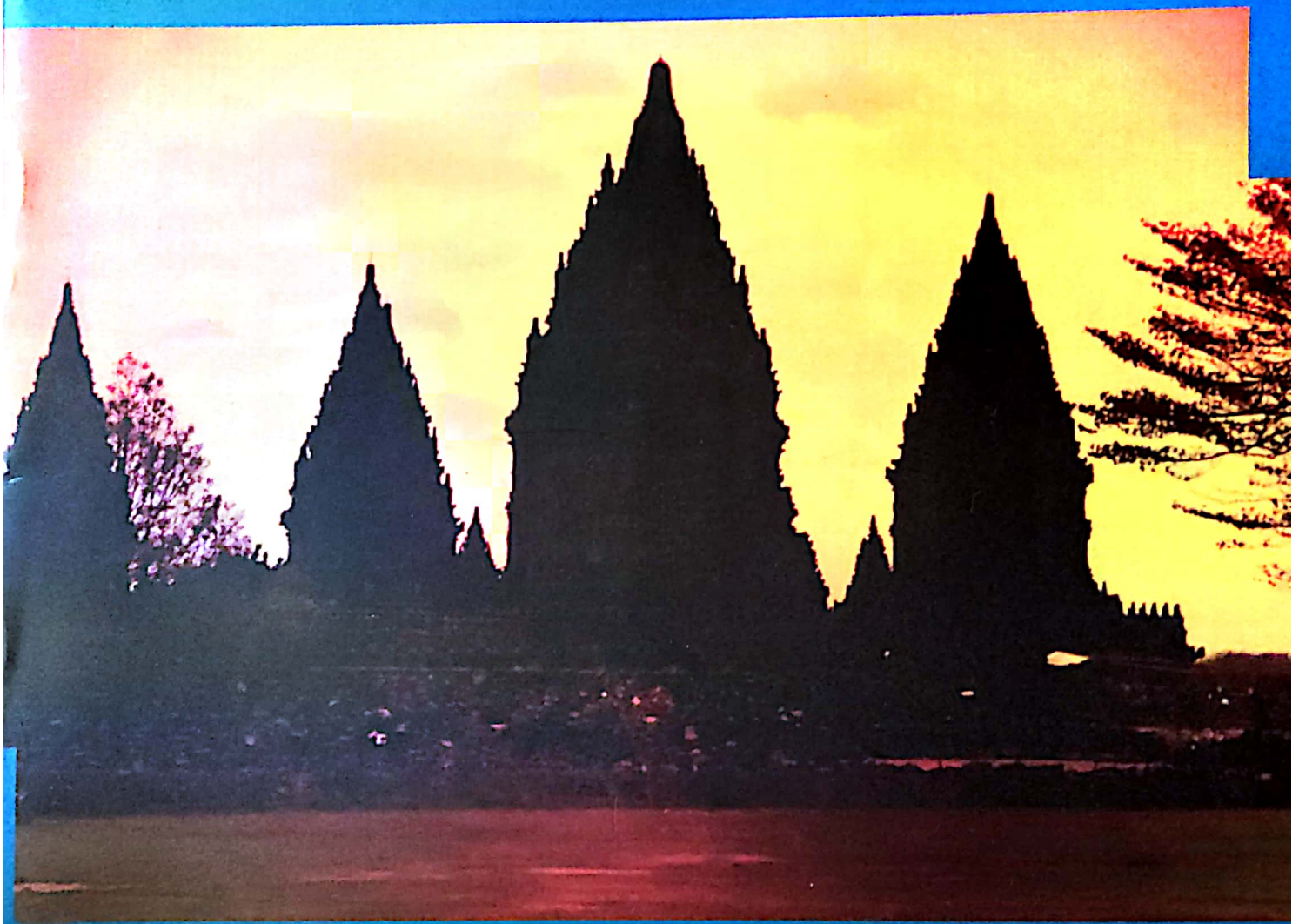


# BOOK OF ABSTRACT

**The 5<sup>th</sup> International Conference on Health Science 2018**

**"Optimization of Elderly Health on Environmental Support in The Era SDG's"**

**November, 3<sup>rd</sup> - 4<sup>th</sup> 2018**



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THE DECREE OF THE DIRECTOR OF HEALTH POLYTECHNIC OF HEALTH MINISTRY IN YOGYAKARTA  
NUMBER: HK.03.05/1.3/1917/2018  
REGARDING

THE FORMATION OF THE 5<sup>th</sup> INTERNATIONAL CONFERENCE ON HEALTH SCIENCE COMMITTEE OF  
THE HEALTH POLYTECHNIC OF HEALTH MINISTRY IN YOGYAKARTA YEAR 2018

The Director of Health Polytechnic of Health Ministry in Yogyakarta, after:

- Considering : 1. Whereas in order to optimize the health of the elderly in the era of Sustainable Development Goals (SDG's), then the International Conference of Health Polytechnic of Health Ministry in Yogyakarta Year 2018 is held.
2. Whereas in order to organize these activities, it is necessary to set up the organizing committee, established by a decision.
3. Whereas those whose names are listed in this decision are deemed capable and formally appointed to carry out committee duties.
- Bearing in mind : 1. Law Number 36 of the year 2014 regarding Health Workers (State Gazette of the Republic of Indonesia Number 298 of the year 2014, Supplement to the State Gazette of the Republic of Indonesia Number 5607).
2. Law Number 12 of the year 2012 regarding High Education (State Gazette of the Republic of Indonesia Number 158 of the year 2012, Supplement to the State Gazette of the Republic of Indonesia Number 5336)
3. Law Number 36 of the year 2009 regarding Health (State Gazette of the Republic of Indonesia Number 144 of the year 2009, Supplement to the State Gazette of the Republic of Indonesia Number 5063)
4. Law Number 20 of the year 2003 regarding National Education System (State Gazette of the Republic of Indonesia Number 78 of the year 2003, Supplement to the State Gazette of the Republic of Indonesia Number 4301)
5. Regulation of the Minister of Health Number 38 of the year 2018 dated August 20, 2018 regarding Organization and Work Procedure of Health Polytechnic within the Agency for Development and Empowerment of Health Professionals of the Ministry of Health
6. Minister of Health Regulation Number 36 of the year 2018 dated August 20, 2018 regarding Clasification of Health Polytechnic within the Agency for Development and Empowerment of Health Professionals of the Ministry of Health
7. Minister of Health Regulation Number 36 of the year 2018 regarding Clasification of Health Polytechnic within the Agency for Development and Empowerment of Health Professionals of the Ministry of Health (State Gazette of the Republic of Indonesia Number 1123 of the year 2018)
8. Minister of Health Regulation Number 64 of the year 2015 regarding Organization and Work Procedure of Ministry of Health (State Gazette of the Republic of Indonesia Number 1508 of the year 2015)
9. Government Regulation Number 4 of the year 2014 regarding Organizing and Management Higher Education (State Gazette of the Republic of Indonesia Number 16 of the year 2014, Supplement to the State Gazette of the Republic of Indonesia Number 55000)
10. Minister of Finance Regulation of the Republic of Indonesia Number 152/PMK.05/2013 dated November 12, 2013 regarding Public Health Polytechnic Yogyakarta Public Service Agency Service Rates at the Ministry of Health

11. Decree of the Minister of Health of the Republic of Indonesia Number KP.03.03/IV/782/2018 dated May 28, 2018 regarding Position Appointment Director of the Health Polytechnic in the Ministry of Health of the Republic of Indonesia
12. Decree of the Minister of Research, Technology, and Higher Education of the Republic of Indonesia Number 257/M/KPT/2017 dated September 5, 2017 regarding Name of Study Program at Higher Education Minister of Research, Technology and Higher Education of the Republic of Indonesia
13. Decree of the Minister of Health of the Republic of Indonesia Number HK.02.03/I.2/06284/2014 regarding the Third Amendment to the Regulation of the Minister of Health of the Republic of Indonesia Number HK. 03.05 / I.2.03086 / 2012 dated April 23, 2014 concerning the Organization Technical Guidelines and Management of the Health Polytechnic of the Ministry of Health
14. Decree of the Minister of Education and Culture of the Republic of Indonesia Number 355/E/O/2012 dated October 10, 2012 regarding the Transfer of the Establishment of a Study Program at the Health Polytechnic of the Health Ministry and the Health Ministry to the Ministries of Education and Culture.
15. Decree of the Minister of Finance of the Republic of Indonesia Number KP.417/KMK.05/2011 dated December 12, 2011 regarding the Establishment of Yogyakarta Health Polytechnic at the Ministry of Health as a Government Agency that Establishes Financial Management of Public Service Agencies.
16. List of Budget implementation of Health Polytechnic of Health Ministry in Yogyakarta year 2018 Number DIPA-024.12.2.632263/2018 dated December 5, 2017.

**HAS DECIDED**

- |        |  |
|--------|--|
| First  | : The Formation of the 5 <sup>th</sup> International Conference on Health Science of the Health Polytechnic of Health Ministry in Yogyakarta Year 2018   |
| Second | : The formation of the committee as attached with the task of planning, implementing and evaluating the implementation, as well as coordinating with relevant parties and making accountability reports to the Director of the Health Polytechnic of the Health Ministry in Yogyakarta |
| Third  | : The cost of organizing this activity comes from List of Budget implementation of Health Polytechnic of Health Ministry in Yogyakarta year 2018 and other legitimate funding sources  |
| Fourth | : If in the future there is a mistake in this decision, changes will be made accordingly.  |

Stipulated in : Yogyakarta  
On : August 07, 2018

Additional submitted to the honorable :

1. The chair of the departments in the Health Polytechnic Ministry in Yogyakarta
2. Concerned

Director  
  
Joko Susilo

Attachment : The Decree of The Directors of Health Polytechnic of Health Ministry Yogyakarta  
Number : HK.03.05/1.3/ 4973/2018  
Date : August 07, 2018  
Regarding : Basic Tasks and Functions of the 5<sup>th</sup> International Conference on Health Science  
Committee of the Health Polytechnic of Health Ministry Yogyakarta Year 2018

- Condescence Person in Charge Chairman : Providing consultation and facilitating events  
: Responsible for the event  
: 1. Coordinating the preparation and implementation of the event through the committee members  
2. Reporting the event to the Steering Committee
- Secretary : 1. Making Terms of Reference  
2. Making event planning  
3. Planning coordination meeting  
4. Making an event report
- Treasurer : 1. Making a Budget Plan  
2. Collecting costs  
3. Making payments based on the existing spending plan.  
4. Making financial reports
- Member of Committee
1. Secretariat : a. Distributing meeting invitation letters  
b. Distributing the decree  
c. Set up conference kit  
d. Preparing an attendance list  
e. Preparing guest accommodation  
f. Duplicating material  
g. Preparing souvenirs for speakers
2. Scientific (Speaker and Material) : a. Contacting the speaker  
b. Making note  
c. Accompany the speaker  
d. Pick up the speaker  
e. Preparing the material
3. Proceedings : a. Receive submissions of publication texts  
b. Sending publications to the reviewer.  
c. Propose an ISBN  
d. Make proceeding book.  
e. Print proceeding book.  
f. Become an oral presentation moderator.
4. Event Divisions : a. Organize the event.  
b. Check the running of the event  
c. Become an MC.  
d. Prepare dance.
5. Promotion, Publication and Business : a. Spread leaflets.  
b. Looking for sponsors.  
c. Raising participants.

Director  
  
Joko Susilo

Attachment : The Decree of The Directors of Health Polytechnic of Health Ministry in Yogyakarta  
 Number : HK.03.05/1.3/ 4973/2018  
 Date : August 07, 2018  
 Regarding : The Formation of the 5<sup>th</sup> International Conference on Health Science of the Health Polytechnic of Health Ministry in Yogyakarta Year 2018

Condescendence	: 1. Head of Agency for Development and Empowerment of Health Profesionals Ministry of Health of the Republic of Indonesia 2. Head of Center for Human Resource Development Health	Ministry of Health of the Republic of Indonesia  Ministry of Health of the Republic of Indonesia
Advisory	: 1. Prof. Dr. Lucky Herawati, SKM, MSc 2. Drs. Bedjo Santosa MT, PhD 3. I Gede Putu Darma Suyasa, S.Kp,Mng,PhD	Health Polytechnic of Health Ministry in Yogyakarta Sultan Agung University Semarang Institute of Health Sciences (STIKES) Bali
Person in Charge	: Joko Susilo, SKM, M.Kes	Director
Chairman I	: Dr. Iswanto, SPd, M.Kes	Assistant Director III
Chairman II	: Heni Puji Wahyunirgsh, SSiT, M.Keb	Assistant Director I
Chairman III	: Sri Arini Winarti Rirawati, SKM, M.Kep	Assistant Director II
Secretary	: 1. Yani Widyastut, SSiT, M.Keb 2. Hendra Ari Wibowo, AMK	Directorate IAPKY
Treasurer	: 1. Suwandi, SE 2. Tanto Yuono, SE 3. Ns Harmilah, M.Kep, Sp.MB 4. Trubus Basuki, AMd	Directorate Directorate IAPKY Directorate
Member of Committee		
1. Secretariat	: 1. Dasilah 2. Efriyani, AMd 3. Astuti Dwi E AMd 4. Eva Lydia Yunita, AMd.KG 5. Veronica Anndyati Nugroho P, Amd 6. Citra Seviriana Dewi, Amd. Keb	* ) Directorate Directorate Directorate Directorate Directorate Directorate
2. Scientific (Speakers and Materials)	: 1. Hesty Widyasih, SST, M.Keb 2. Achmad Husein, SKM, MPd  3. Agus Sarwo Prayogi, APP, S.Kep, Ns.M.HKes 4. Almira Sitasari, S.Gz, MPH 5. Aryani Widayati, SSiT, MPH 6. Suryanto, SSI, M.Sc 7. Nurun Laasera, S.Kep 8. Tri Maryani, SST, M.Kes	* ) Midwifery Department Environmental Health Department  Nursing Department Nutrition Department Dental Nursing Department Health Analyst Department Nursing Department Midwifery Department
3. Proceedings	: 1. Dr. Heru Subaris K, SKM, M.Kes 2. Dr. I Made Alit Gunawan, M.Si 3. Dr. Yuni Kusmiyati, SST, MPH 4. Budi Setyawan, SKM, M.Sc 5. Siti Nuryani, Ssi, M.Sc 6. Niken Meilani, SsiT, M.Kes 7. Ns.Sutejo, M.Kep. Sp.Kep.J 8. DR. Drg. Quroti Ayun, M.Kes 9. Desi Rohmawati, SS, M.Hum 10. Ayu Triani, EST 11. Andika Trisurini, SPd 12. Dina Fadhilah, SST 13. Apriyatni Condro Ekarini, S.ST	* ) Directorate Nutrition Department Midwifery Department Health Analyst Department Health Analyst Department Midwifery Department Nursing Department Dental Nursing Department Directorate Directorate Directorate Directorate Directorate



		14. Sapto Harmoko, SIP	Directorate
		15. Furaida Khasanah, M.Kep	Dental Nursing Department
4. Event Divisions	:	1. Yanuar Amin, SST, SH	*) Directorate
		2. Eko Suryani, SPd, S.Kep. MA	Nursing Department
		3. Nurun Laasara, S.Kep	Nursing Department
		4. Rizky Amalia, SKM, M.Epid	Environmental Health Department
		5. Uki Wulanggita, SST	Health Analyst Department
		6. Reybob Khomes, S.Kom	Directorate
5. Promotion, Publication and Business	:	1. Bondan Palestin, SKM, M.Kep. Sp.Kom	*) Nursing Department
		2. Subrata Tri Widada, SKM, M.Sc	Health Analyst Department
		3. Bekti Rianto	Directorate
6. Reception and Registration	:	1. Drs. Hariya Kunjana	*) Directorate
		2. Sabar Santosa, SPd, APP, M.Kes	Directorate
		3. Siti Hani Istiqomah, SKM, M.Kes	Environmental Health Department
		4. M. Mirza Fauzie, SST, M.Kes	Environmental Health Department
		5. Suharjono, SPd, SsiT, M.Kes	Dental Nursing Department
7. Consumption	:	1. Puti Sudarwati, S.Si	Directorate
		2. Sukarti, SIP	Directorate
8. Decoration and Equipment	:	1. Suharyono, SKM	*) Directorate
		2. Purwanto, Amd	Directorate
9. Documentation	:	1. Heri Purwanto, SE	Directorate
		2. Harsono, Amd.	Directorate
		3. Abdul Hadi Kadarusno, SKM, MPH	IAPKY
		4. Aji Nuryanto	Directorate
		5. Marhaendra Setiaji	Directorate
10. Transportation	:	1. Tri Widodo, Amd	Directorate
		2. Agus Pamuji	Directorate
		3. Lik Giyanto	Directorate
		4. Sadimin	Directorate
		5. Sumardi	Environmental Health Department
		6. Ch. Agung Nugroho	Nursing Department
		7. Agus Supriyanto	Nutrition Department
		8. Suprijono PR	Dental Nursing Department
		9. Rinto	Health Analyst Department
		10. Setyo Trapsilo Suwandi	Midwifery Department
11. Business	:	1. Ika Prasetya Nugraha, SE	Directorate

\*) as a coordinator

Director

Joko Susilo

[ABS-127]  
**INCREASING ABILITY TO UNDERGO PUBERTY AT FEMALE ADOLESCENTS THROUGH REPRODUCTIVE HEALTH EDUCATION IN JUNIOR HIGH SCHOOL**

*Sari Candra Dewi, Umi Istianah*  
Nursing Department, Poltekkes Kemenkes Yogyakarta, Indonesia

**ABSTRACT**

Teenagers are vulnerable to experience problems related to reproductive health since they are in transition process. Riskesdas (2013) showed high number of marriages at an early age. The first marriage under 15 years was 2.6 %. The pregnancy under 15 years was 0.02 %, and the pregnancy on teenagers was 1.97 %. 1.3 % of adolescents claimed having sexual intercourse before marriage. The problem of adolescent reproductive health increases in Yogyakarta. Premarital sex and unwanted pregnancy that occur in high school now already occur in junior high school. The problems occur due to lack of information about reproductive health. One way to provide health education is through giving guidance to teenagers about adolescent reproductive health. The research aims to know the influence of education about health reproductive on the ability of undergoing puberty in female adolescents in junior high school, Gamping, Sleman. The study was an analytic quasi-experimental design with pre test - post test without control design. The study was conducted at SMP N 2 Gamping, Sleman involving 60 female students of class VIII at SMP N 2 Gamping, Sleman. Wilcoxon test analysis results showed increasing score of the ability to undergo puberty after intervention in class VIII SMP N 2 Gamping, Sleman on 45 students, with a value of  $p = 0,000$ . It can be concluded that reproductive health enhances ability to undergo puberty in female adolescents in junior high school.

**Keywords** : Guidance, Reproductive Health, Puberty

[ABS-9]  
**CORRELATION BETWEEN PHYSICAL ENVIRONMENT OF HOUSE AND DIPHTHERIA IN BLITAR IN 2016**

*Ana Nur Filiya<sup>1</sup>, Vivien Dwi P<sup>2</sup>*

<sup>1</sup> Sciences, Technology, and Analysis Faculty, Bhakti Wiyata Health Sciences Institute, Kediri, Indonesia

<sup>2</sup> Dentistry Faculty, Bhakti Wiyata Health Sciences Institute, Kediri, Indonesia

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**ABSTRACT**

Diphtheria is a contagion deadly disease caused by *Corynebacterium diphtheria* which case increases every year in Blitar since 2011 until 2016. The purpose of this research is to know the correlation between house physical environment and diphtheria in Blitar in 2016. The method used was observational analytic study by using case control design. Samples in case group were 30 people of diphtheria patients and 59 people of control group which were not diphtheria patients. Physical environment of house was the independent variable while the dependent variable was diphtheria in Blitar in 2016. Data were analysed by Chi Square. The results showed p value was 0.772 which means that there was no correlation between physical environment of house and diphtheria. It can be concluded that house physical environment is not associated with diphtheria. Further research should be conducted with more appropriate study design and observation in order to see the better result of the effect of house physical environment.

**Keywords** : Diphtheria, House Physical Environment, Blitar