



**INTERNATIONAL
CONFERENCE
ON PUBLIC HEALTH
2020**



Masters Program in Public Health
Graduate Program, Universitas Sebelas Maret
Jl. Ir Sutami 36A, Surakarta 57126.
Telp/Fax: (0271) 632 450 ext. 208
First website: <http://s2ikm.pasca.uns.ac.id>
Second website: www.theicph.com
email: theicphuns@gmail.com



PROCEEDINGS



www.theicph.com
E-ISBN: 978-623-90032-7-2



**INTERNATIONAL
CONFERENCE
ON PUBLIC HEALTH
2020**

THEME:

**CHILDHOOD STUNTING, WASTING, AND OBESITY,
AS CRITICAL GLOBAL HEALTH ISSUES:
FORGING CROSS-SECTORAL SOLUTIONS**

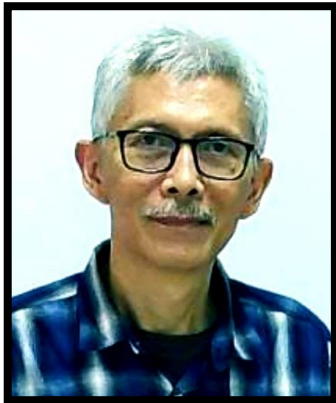
Due to COVID-19 pandemic, the 7th ICPH
is rescheduled to **NOV 18-19, 2020**
in Online Conference mode.



THEME: CHILDHOOD STUNTING, WASTING, AND OBESITY AS CRITICAL GLOBAL HEALTH ISSUES: FORGING CROSS-SECTORAL SOLUTIONS

PREFACE

Welcome to the 7th International Conference on Public Health. This conference is hosted by Universitas Sebelas Maret, in Solo city, Indonesia. It is organized by the Master's Program in Public Health, Universitas Sebelas Maret. This is the 7th of the International Conference on Public Health since 2016 and yet it is the first to be conducted online.



The theme of this meeting is *“Childhood Stunting, Wasting, and Obesity, as the Critical Global Health Issues: Forging Cross-Sectoral Solutions”*. But beforehand, I would like to greet warmly all of the participants of this meeting. It is my privilege and my pleasure to see all of you albeit virtually. I am pleased to acknowledge and welcome the honorable invited officials, the respectable guests, the distinguished international and national speakers, and the admirable participants.

Specifically, I would like to express appreciation to Prof. Ahmad Yunus the Vice Rector of Academic Affairs, who is on behalf of the Rector of Universitas Sebelas Maret, to open this conference officially. Then, I would like to extend my gratitude to all of the international and national speakers who have spared their valuable time to attend this online conference. Our distinguished invited speakers to whom we will listen their presentation are as follows:

1. Prof. Sandra Lopez Arana from the Department of Nutrition, the University of Chile, in Santiago, Chile
2. Prof. Linda Adair from the Department of Nutrition, Gillings School of Global Public Health, the University of North Carolina, in Chapel Hill, North Carolina, USA
3. Prof. Jenny Ruducha, the Director of the Braintree Global Health, in Vancouver, British Columbia, Canada.
4. Prof. Ashir Ahmed from the Department of Advanced Information Technology, the Kyushu University, in Fukuoka, Japan
5. Prof. Michael Dibley from the Sydney School of Public Health, the University of Sydney, in Sydney, Australia
6. Prof. Sanjay Mohanty from the Department of Fertility Studies, the International Institute for Population Sciences (IIPS), in Mumbai, India
7. Prof. Adang Bachtiar from the Faculty of Public Health, Universitas Indonesia, in Jakarta, Indonesia, who is also the Chairman of the Advisory Board, the Indonesian Public Health Association (IAKMI).
8. Dr Hanung Prasetya from the School of Health Polytechnics, Ministry of Health, in Solo, Indonesia, who is also the Secretary of this conference.

Next, I would like to acknowledge the important participation of more than 667 participants coming from 5 countries including Myanmar, Taiwan, Japan, Malaysia, and Indonesia. These participants are mainly graduate students, and the remaining are academicians, public health and nutrition professionals, clinicians, and health researchers.

More than 74 institutions are participating in this meeting, including universities, schools of health sciences, schools of health polytechnics, schools of midwifery, hospitals, and district health offices.

Due to time constraint, I would mention just two of them with the largest contingents, they are the University of Indonesia in Jakarta and the University of Aisyiah in Yogyakarta. As I mentioned before the theme of this conference is *“Childhood Stunting, Wasting, and Obesity, as the Critical Global Health Issues: Forging Cross-Sectoral Solutions”*. This conference aims to discuss the current problems of childhood malnutrition (including stunting, wasting, overweight, and obesity), their causes and consequences. It also aims to discuss and provide recommendations of the multisectoral and transdisciplinary solutions to childhood malnutrition. This theme is chosen not only because of the double burden of childhood malnutrition that can lead to a damaging long-term impact but also because it may emerge as an adverse impact of Covid-19 pandemic.

The conference is conducted in two days. It has 3 programs including: (1) Symposium; (2) Workshop; and (3) Oral Presentation of the participant research work. The oral presentation is divided into five areas including: (1) Epidemiology and Public Health; (2) Health Promotion and Behavior; (3) Maternal and Child Health; (4) Health Policy and Management; and (5) Medicine.

Finally, I wish you all could benefit much from this conference. Please enjoy yourself to listen, present, discuss, get inspired, and recommend. Thank you.

Surakarta (Indonesia), November 18-19, 2020.



Prof. Bhisma Murti
Chair, 7th International Conference on Public
Health (7th ICPH)

TABLE OF CONTENT

Cover	i
Preface	iii
Table of Content	v
I. Background	1
II. Mission	29
III. Theme	29
IV. Aim and Objectives	29
V. Venue and Date	29
VI. Participants	29
VII. Curriculum Vitae	30
VIII. Programs	32
IX. Invited Speakers	33
X. Schedule of International Conference on Public Health	36
XI. Subject	39
XII. Abstract Oral Presentation	45
XIII. Oral Presentation Schedule	430
XIV. The 6 th ICPH 2019 Organizing Committee	465

TOPIC I: EPIDEMIOLOGY AND PUBLIC HEALTH

Patient Characteristics with the Drugs Provocation Test in Sanglah Hospital from 2017 to 2018 <i>I Kadek Adi Paramartha, I Ketut Suadarmana</i>	46
Hypertension Risk Factors Among Obese Adolescent <i>Reny Tri Febriani, Nining Loura Sari</i>	47
Analysis of the Causes of Death in Indonesia Due to Accident Based on the Sample Registration System from 2014 to 2016 <i>Retno Widyastuti, Anhari Achadi, Yuslely Usman, Tita Rosita, Merry Lusiana</i>	48
Covid-19 Prevention in Micronutrients Perspective: A Narrative Review <i>Febry Istyanto</i>	49
The Association Between Patient Satisfaction, Nutrition Expert Consultation Practice, and the Quality of Nutrition Service at Inpatient Ward, Hanau Hospital <i>Atet Kurniadi, Pujiyanto</i>	50
Determinants of Language Development among 1 Year Old Children in Malang, East Java <i>Yuniastuti Ni Putu Ayu Krisna, Tarsikah, Widyana Erni Dwi</i>	51
Disability Perception in Sexuality and Reproductive Health Needs: a Scoping Review <i>Youlenta Ernesontha, Nurul Kurniati, Mufdlilah</i>	52

Burden and Quality of Life of Dependent Elderly Caregivers in Pakuncen Village Yogyakarta <i>Herose Cendrasilvinia, The Maria Meiwati Widagdo, Widya Christine Manus</i>	53
The Correlation between Secretory Phospholipase A2 Type IIA Levels and Mean Platelet Volume among Type 2 Diabetes Mellitus Patients <i>Woro Ayu Sekararum, Nurfitri Bustamam, Hikmah Muktamiroh, Harli Amir Mahmudji</i>	54
Determinant of Malaria Incidence in the Coastal Area of East Lombok, West Nusa Tenggara <i>Muhammad Kazwaini, Chatarini U. Wahyuni</i>	55
Risk Factors of Malaria Cases among Children Under Five in Bonggo Community Health Center, Sarmi, Papua Province <i>Lalu Irwandi, Hari Basuki Notobroto</i>	56
The Correlation between Social Determinants and Environmental Condition with Measles Cases among Infants in Padang, West Sumatera <i>Iyana Putri, Adang Bachtiar</i>	57
The Relationship between Sun Exposure, Hat, and Pterygium Disease among Fisherman in Bengkulu <i>Dwi Putri Sulistiya Ningsih, Ida Rahmawati</i>	58
Gender and Occupation on Fine Motor Skill among Infants Aged 6-11 Months <i>Catur Retno Lestari</i>	59
The Influence of Social Capital, Parenting, and Environment on Quality of Life among 2-4 Years Old Children <i>Heni Puji Wahyuningsih, Bhisma Murti, Eny Lestari, Reviono</i>	60
A Compliance on Profilactical as a Dominant Factor Towards Filariasis Events in Jambi Province as a High Endemic Regency <i>Ummi Kalsum, Jumati, Damris Muhammad</i>	61
Determinant Factors of Covid-19 Transmission among of Health Personnel: A Systematic Review <i>Wenny Wiharsini, Wahyu Sulistiadi</i>	62
Development of Surveillance for Stunting in Parigi-Moutong, Central Sulawesi	63

*Revy Tilaar, Asmarafia, Kurniati, Ismi Maudilah Hardianti,
Rossi Sanusi*

The Effect of Infection Prevention and Control Link Nurse Supervision and Resource Availability on Paramedic Hand Hygiene at Hanau Hospital, Seruyan District, Central Kalimantan <i>Jhonferi Sidabalok, Pujiyanto</i>	64
Rubella Outbreak in School Age Children in Kulon Progo District, Yogyakarta <i>Siti Nurfadilah H, Riris Andono Ahmad, Sugiarto</i>	65
Factors Related to Malnutrition Events in Under-Five Children in Kabukarudi Village, East Nusa Tenggara <i>Nepriana Buta Rade, Theresia Puspitawati, Jati Untari</i>	66
The Influence of Behavior Factors on the Incidence of Syphilis in High-Risk Men in Public Health Centers, Medan, North Sumatera <i>Vicky Arfeni Warongan, Fazidah Aguslina Siregar, Etti Sudaryati</i>	67
Risk Factors of Covid-19 Transmission between Hospital Employess <i>Siti Ulfah, Cicilya Candi, Ede Surya Darmawan</i>	68
Analysis of Earthquake Preparedness Measures in Students at Elementary School, Denpasar, Bali <i>Yustina Ni Putu Yusniawati, Putu Inge Ruth Suantika</i>	69
A Cohort Study on the Primary Prevention of Stroke Incidence in Adult Population in Bogor, West Java <i>Woro Riyadina, Dewi Kristanti, Julianty Pradono, Ekowati Rahajeng, Yuda Turana</i>	70
Risk Factors for Mortality in Patients with Covid-19: A Systematic Review <i>Ratna Yustinawati, Anhari Achadi</i>	71
Nitrate in Groundwater and Health Risk Assessment: A Cross-Sectional Study in Three Villages in Tanah Merah District, Kelantan, Malaysia During Paddy Pre-Planting Season <i>Muhammad Syafiq N, Shaharuddin MS, Zaenal Abidin</i>	72
Analysis of Individual, Physical, and Psychosocial Risk Factors on Work-Related Skeletal Muscle Disorders in Workers in Tourism Sector: A Systematic Review <i>Muhammad Luthfi, Baiduri Widanarko</i>	73
The Obesity Prevalence in Navy Personal and Civil Servants at Lantamal X Jayapura	74

Yuli Arisanti, Janri Manullang

Multilevel Analysis of Factors Associated with Performance of Midwives in Integrated Antenatal Care Service in Pati, Central Java <i>Siti Marfu'ah, Irfana Tri Wijayanti, Ana Rofika</i>	75
Determinants of Knowledge About Covid-19 Transmission Prevention and Antenatal Care Visit in Gresik, East Java <i>Endah Mulyani, Sulastri, Zahrotul Hidayati, Khaulah Mujahidah</i>	76
Predisposing and Reinforcing Factors in Patients with Breast Cancer in Samarinda, East Kalimantan <i>Lia Kurniasari, Aji Mohammad Irfannur, Ayu Mardiana, Elvi Natalia, Erlinda Rara Sulviana, Nur Ainun Jariah</i>	77
Spatio-Temporal Analysis on Endemicity of Dengue Hemorrhagic Fever in Sragen District, Central Java <i>Wiwik Setyaningsih, Dodiet Aditya Setyawan</i>	78
Factors Associated with Stroke: Evidence from Indonesian Family Life Surveys 2015 <i>Trisakti Halimah Delima Sari, Vitri Widyaningsih</i>	79
Biopsychosocial Determinants of Quality of Life in Post Stroke Patients: A Multiple Logistic Regression Analysis <i>Maki Zamzam, Didik Gunawan Tamtomo, Vitri Widyaningsih</i>	80
Meta Analysis on Obesity and Diabetes Mellitus as Risk Factor Hypertension in Police and Military Personnel <i>Firman Pardosi, Setyo Sri Rahardjo, Yulia Lanti Retno Dewi</i>	81
Meta-Analysis: Gender and the Risk of Lower Extremity Amputation in Patients with Type 2 Diabetes Mellitus and Foot Ulcer <i>Anissa Eka Septiani, Bhisma Murti, Setyo Sri Rahardjo, Hanung Prasetya</i>	82
Biopsychosocial Determinants of Hepatitis A Outbreaks in Pacitan, East Java <i>Sugeng Retyono, Setyo Sri Rahardjo, Bhisma Murti</i>	83
Obesity and the Risk of Suicide in Adults: A Meta-Analysis <i>Hisyam Syafi'ie, Hanung Prasetya, Bhisma Murti</i>	84
Social Capital Phenomenology Study among People Who Treat a Mental Disorder Person	85

Adriesti Herdaetha, Aris Sudiyanto, RB Sumanto, Endang Sutisna Sulaeman, Wijaya Kusuma

Path Analysis on the Biophychosocial Factors Influencing the Quality of Life of Elderly in Surakarta Central Java <i>Dwi Tour Kumalasari, Bhisma Murti, Vitri Widyaningsih</i>	86
The Effects of Family Support and Peer Support on the Quality of Life in Elderly in Jember, East Java <i>Malinda Capri Nurul Satya, RB. Soemanto, Bhisma Murti</i>	87
Factors Affecting Tertiary Preventive Behaviors among Patients with High Blood Pressure <i>Angga Ferdianto, Didik Gunawan Tamtomo, Endang Sutisna Sulaeman</i>	88
Application of Precede Proceed Model on Factors Affecting Depression Symptom in the Elderly: Evidence from Surakarta, Central Java <i>Zela Tunurrohmin, RB. Soemanto, Eti Poncorini Pamungkasari</i>	89
Biological, Social, and Economic Risk Factors of Child Tuberculosis in Surakarta Central Java: A Multiple Logistic Regression <i>Dyah Ayu Saputri, Yulia Lanti Retno Dewi, Bhisma Murti</i>	90
Biopsychosocial Determinants of Diabetes Mellitus Type 2: Evidence from Surakarta, Sentral Java <i>Anggi Putri Aria Gita, Isna Qadrijati, Bhisma Murti</i>	91
The Biopsychosocial Determinants of Quality of Life in Patients with Breast Cancer: A Multilevel Logistic Regression Evidence from Surakarta, Central Java <i>Rizka Amalia Dewi, Ambar Mudigdo, Eti Poncorini Pamungkasari</i>	92
Effect on Neuropsychiatric Disorders of Organophosphate Pesticides Exposure among Rice Farmers in Sukoharjo, Central Java <i>Ayu Laela Fitriyani, Setyo Sri Rahardjo, Bhisma Murti</i>	93
How Do Psychological, Nutritional Factors, and Ambient Smoke Exposure, Affect the Risk of Low Birth Weight?: A Path Analysis Evidence <i>Isne Susanti, Harsono Salimo, Yulia Lanti Retno Dewi</i>	94
Factors Associated with Hypertension among Adults in Magelang, Central Java <i>Wawan Diyantana, Dono Indarto, Bhisma Murti</i>	95

Length of Working and Low Back Pain in Health Workers: A Meta-Analysis <i>Muh. Syaiful Akbar, Bhisma Murti, Setyo Sri Rahardjo, Dono Indarto</i>	96
Effect of HIV Infection on Mortality in Patients with Tuberculosis in Asia: A Meta Analysis <i>Liza Laela Abida, Bhisma Murti, Hanung Prasetya</i>	97
Personel Hygiene and the Risk of Leprosy: A Meta-Analysis from Case Control Study <i>Priscilla Jessica Pihahay, Bhisma Murti, Yulia Lanti Retno Dewi</i>	98
The Association between Indoor Household Polution and Acute Respiratory Infection in Children Under Five in Selat Community Health Center, Batanghari District, Jambi, Indonesia <i>Nanda Agustian Simatupang, Laras Ayu Wulandari</i>	99
Effect of Obesity on Hypertension in Adults: Meta Analysis <i>Muhammad Zia Ulhaq, Eti Poncorini Pamungkasari, Bhisma Murti</i>	100
The Effect of Depression Comorbidity on the Quality of Life of Patients with Type 2 Diabetes Mellitus: Meta-Analysis <i>Rofana Aghniya, Bhisma Murti, Didik Gunawan Tamtomo, Hanung Prasetya</i>	101
Cigarette Smoke Exposure and Acute Respiratory Infection in Children Under Five: A Meta-Analysis <i>Maya Ayu Riestiyowati, Setyo Sri Rahardjo, Vitri Widyaningsih</i>	102
Incomplete Medication Intake and Multidrug Resistant Tuberculosis <i>Widya Kurnianingsih, Didik Gunawan Tamtomo, Bhisma Murti</i>	103
Meta-Analysis: Effect of Exposure to Rodent on The Risk of Leprosy in Adults <i>Rizki Kurniawan Saputra, Setyo Sri Rahardjo, Bhisma Murti</i>	104
Meta-Analysis: Effect of Physical Activity on The Incidence of Obesity in Female Adolescents <i>Putri Isriyatil Jannah, Eti Poncorini Pamungkasari, Hanung Prasetya</i>	105
Effect of Low Birth Weight on The Risk of Pneumonia in Children Under Five: Meta-Analysis	106

Putu Anggi Widia Karmany, Setyo Sri Rahardjo, Bhisma Murti

Effect of Obesity on Hypertension in Elderly 107
Maria Imakulata Berek

Association between Overweight and Hypertension in Adolescents: A Meta-Analysis 108
Fadhila Firmanurulita, Agus Kristiyanto, Hanung Prasetya

Effect of Social Support on The Quality of Life of People Living with HIV/AIDS: Meta Analisis 109
Maria Regina Tri Yonita, Setyo Sri Rahardjo, Bhisma Murti

Biopsychosocial and Economic Factors Affecting the Quality of Life in Patients with Type II Diabetes Mellitus 110
Rahsunji Intan Nurvitasari, Didik Gunawan Tamtomo, Yulia Lanti Retno Dewi

TOPIC II: HEALTH PROMOTION AND BEHAVIOR

Factors Associated with Early Detection Behavior on Breast Cancer Among Women in Reproductive Age Using Sadanis Method 112
Silvia Rizki Syah Putri, Widayati, Moneca Diah L

Health Belief Model Approach on the Prevention of HIV/AIDS Among Pregnant Women in Madiun, East Java 113
Wida Rahma Arwiyantasari, Budi Laksana

Association Between Compliance Level on Fixed-Dose Combination Antiretroviral Drug and CD4 Level Among HIV Patients 114
Fadhil Ilham Mustafa, Nurfitri Bustamam, Andri Pramesyanti

The Effectiveness of Health Promotion on Increasing the Knowledge of Covid-19 among Islamic High School Students in Depok, West Java 115
Yanti Harjono Hadiwiardjo, Sri Wahyuningsih, Pritha Maya Savitri

Factors Relating to Knowledge About Gastritical Swamedcation Among Students At Pondok Hidayatussalikin Pangkalpinang 116
Rachmawati Felani Djuria

Relationship between Snacks and Beverages with the Nutritional Status among 'SAD' Children in Nyogan Village, Muaro Jambi, Jambi Province 117
Ummi Kalsum, Hendra Dhermawan Sitanggang

Family's Role on Stunting among Children in Bojong Jaya Village, Tangerang, Banten <i>Roichatul Djannah, Siti Maisaroh</i>	118
Association between Pocket Money Availability and Frequency of Fast-Food Consumption toward Overnutrition Case among Junior High School Student, South Jakarta <i>Dias Puspitaning Mawarni, Lisa Safira, Citra Ayu Aprilia</i>	119
The Effectiveness of Mobile Application as Educational Intervention to Prevent Stunting: a Systematic Review <i>Naenda Stasya, Wahyu Sulistiadi</i>	120
Physical Activity Pattern among Students of Health Sciences in Yogyakarta <i>Indriani, Ade Rachma Safira, Ummi Aisyiyah N</i>	121
Implementation of Home Visit Programs in Improving Nutritional Status of Under-Five Children in Developing Countries: a Scoping Review <i>Siti Zakiah Zulfa, Cesa Septiana Pratiwi</i>	122
Relationship of Number of Children with Early Menopause <i>Iftah Tazkiyah, Sudarto Ronoatmodjo</i>	123
The Association between Food Hygiene and the Escherichia Coli Contamination on School Snack at Elementary School in Cakung Subdistrict, East Jakarta <i>Hanifatun Nisa Ath Thoriqoh, Budi Haryanto, Ela Laelasari</i>	124
The Effect of Electric Cigarette Nicotine Levels on Peak Expiratory Flow in Vape User Communities, South Jakarta <i>Hesketh Hans, Mila Citrawati, Citra Ayu Aprilia</i>	125
Experience of Students in the Menstrual Hygiene Management in Schools: A Scoping Review <i>Menik Mutiarini, Rosmita Nuzuliana</i>	126
Implementation of Immunization Services for the Under-Five Children During Covid-19 Pandemic at Twano Community Health Center, Jayapura <i>Goklian Paraduan Haposan, Pujiyanto</i>	127
Factors Associated with Dating Behavior of Adolescents in North Coastal Line, West Java <i>Juariah</i>	128

The Effect of Education Through Google Meet Media on Knowledge and Attitude About Balanced Diet in Youth During Covid-19 Pandemic in Medan, North Sumatera <i>Septo Tepriandy, R Kintoko Rochadi, Etti Sudaryati</i>	129
Relationship between Water Hardness and Incidence of Stunting in Brati District, Central Java <i>Bara Kharisma, Victoria Sari, Amelia Khasanah</i>	130
The Effect of Health Education on Prevention of Cardiovascular Disease Risk Factors Towards Knowledge and Attitudes of Overweight Adolescents <i>Li Solihah, Amelia Arnis</i>	131
The Pattern of Snack and Beverage Consumption for Suku Anak Dalam (SAD) Children in the Trans Social Area of Nyogan Village, Muaro Jambi, Jambi Province <i>Hendra Dhermawan Sitanggang, Ummi Kalsum</i>	132
Risk Factors of Noised Induced Hearing Loss in Workers at Beveling Unit in Industry X, Bekasi, West Java <i>Annisaur Rohmatun Jannah, Aulia Chairani, Yanti Harjono</i>	133
Effect of Hypnoparenting on Nutritional Status in Preschool Age Children at Al-Fathir Kindergarten, Tangerang, Banten <i>Diani Maryani, Liza Anggraeni</i>	134
Mixed Method Study on Evaluation of the Impact of the Family Hope Program on Birth Weight in Nganjuk, East Java <i>Ratna Frenty Nurkhalim, Sukamdi, Djauhar Ismail</i>	135
Application Development of Inspection of Fire Protection Equipment, First Aid Kit and Incident Reporting Case Study <i>Ike Pertiwi Windasari, Jojor Kakanda Purba, Dania Eridani, Risma Septiana, Manik Mahachandra</i>	136
Effect of Early Menarche on Reproductive Health: A Scoping Review <i>Hanny Wulandari, Dwi Ernawati</i>	137
Sex Education Strategy for Adolescents: A Scoping Review <i>Yustika Rahmawati Pratami, Nurul Kurniati</i>	138
Experience of Adolescent Mothers During Pregnancy: A Scoping Review <i>Sumarni, Farida Kartini</i>	139
Effectiveness of Muscle Energy Technique to Increase Hamstring Muscle Flexibility in Adolescents	140

Afif Ghufroni, Jasmine Kartiko Pertiwi

Relationship between Family Support and Self-Efficacy among Pregnant Women in Yogyakarta <i>Sumiati, Evi Nurhidayati</i>	141
Relationship between Fast Food Diet and Body Mass Index in Vocational Students at Universitas Respati, Yogyakarta <i>A.A. Putri Melastini, Dewi Setyaningsih, Nonik Ayu Wantini</i>	142
Compliance Characteristic of Community Health Assistant Cadre in Implementing Health Protocols During Covid-19 Pandemic <i>Sri Wahyuningsih, Hany Yusmaini, Erna Harfiani, Meiskha Bahar</i>	143
Caregiver Coping Mechanism in Providing Care for Dependent Elderly People in Pakuncen, Yogyakarta <i>Maharani Dyah Kusumastuti, The Maria Meiwati Widagdo, Mitra Andini Sigilipoe</i>	144
Evaluation of HIV-AIDS Prevention Program in Homosexual Men in Jambi <i>Hubaybah, Adelina Fitri</i>	145
HIV/AIDS Prevention Program: A Mixed Method Study on the Implementation of Voluntary Counseling and Testing Services at Primary Health Center, Jambi <i>Hubaybah, Evi Wisudariani, Usi Lanita</i>	146
Effect oh Health Education with Elip Chart and Video on Knowledge about Early Detection of Cervical Cancer in Women or Reproductive Age in Nganjuk District, East Java <i>Ike Nurrochmawati, Ambar Dwi Retnoningrum, Remita Yuli Kusumaningrum</i>	147
Effect of Balanced Diet Education with Media Comic on Modification of Eating Behavior in Adolescents at Middle School, Malang <i>Rani Nurmayanti, I Nengah Tanu Komalya, Sugeng Iwan Setyobudi Maryam Razak</i>	148
Youth Health Smartphone Application “Teenfit” in Increasing Adolescent Knowledge about Anemia, in Bantul, Yogyakarta <i>Tuti Rohani, Hartono, Muhammad Akhyar, Sri Mulyani</i>	149
Effectiveness of Holistic Self Care to Overcome Work-Related Skeletal Muscle Disorder in Palm Workers Using Harvasting Tools Dodos: A Systematic Review	150

Siti Umairah, Vanessa Adela Putri, Rosyda, Raihanatu Binqalbi Ruzain

The Mediation Effect of Health Behavior on the Relationship between Maternal Depression and Maternal-Fetal Attachment <i>Rufidah Maulina, SU-Chen Kuo, Chieh Yu Liu, Yu-Ying Lu</i>	151
The Associaton of Family Characteristics and Local Support (Servant Leadership) in TB Case Finding among People Living with HIV AIDS in East Nusa Tenggara, Indonesia <i>Chatarina Umbul Wahyuni, Erni Astutik, Imelda F.E. Manurung</i>	152
Application of Health Belief Model and Theory of Planned Behavior on Factors Affecting Breast Self Examination Among University Students <i>Asruria Sani Fajriah, Supriyadi Hari Respati, Bhisma Murti</i>	153
Effect of Peer Based Intervention On Unwanted Pregnancy Prevention Behavior in Adolescents: A Meta Analysis <i>Denanda Agnes, Safitri, Setyo Sri Rahardjo, Bhisma Murti</i>	154
Analysis of Online Reproductive Health Learning in Elementary School Students <i>Nur Laili Qomariah, Wafda Ardhian Latansyadiena, Indriana Widya Puspitasari</i>	155
Effectiveness of Audiovisual-Based Training on Basic Life Support Knowledge of Students in Bengkulu <i>Ida Rahmawati, Dwi Putri Sulistya Ningsih</i>	156
Occupational Illness Due to Ergonomic Factors in Textile Industry Workers <i>Pamogsa Daniyar, Edo Riyandani, Vitri Widyaningsih</i>	157
The Effectiveness of Web Based Health Promotion Intervention on Fruits Consumption in Children in America, Australia, and Europe <i>Sinar Perdana Putra, Yulia Lanti Retno Dewi, RB. Soemanto</i>	158
A Meta Anaysis on The Association between Family Behavior of Smoking and Smoking Behavior in Adolescents <i>Florida Betty Apriliyani, Agus Kristiyanto, Bhisma Murti</i>	159
Difference of Knowledge Toward HIV/Aids in Adolescents in Sleman, Yogyakarta <i>Mario Febrianus Helan Sani, Nanda Agustian Simatupang</i>	160

Factors Affecting the Use of Personal Protective Equipment Among Workers at a Plywood Plants, in Lumajang, East Java: Application of Health Belief Model and Social Cognitive Theory <i>Bayu Putra De wantara, Bhisma Murti, Vitri Widyaningsih</i>	161
Breakfast and Hemoglobin Level among Female Junior High School Student in Surakarta, Central Java <i>Ropitasari, Fanny Kartika F, Rachmi Fauziah R, Sri Anggarini</i>	162
Factors Associated with non Smoking Behavior in High School Students in Bantul, Yogyakarta: Application of Theory of Planned Behavior <i>Roviana Nurda Agustin, Endang Sutisna Sulaeman, Hanung Prasetya</i>	163
Factors Affecting Adherence to Antiretroviral Therapy: Application of Theory of Planned Behavior in Malang, East Java <i>Fitria Diyah Ayu Pangerti, Pawito, Hanung Prasetya</i>	164
Factors Affecting the Use of Personal Protective Equipment among Tobacco Farmers: Application of Theory of Planned Behavior in Temanggung, Central Java <i>Yovita Eka Ratna Kumala, Setyo Sri Rahardjo, Endang Sutisna Sulaeman</i>	165
Path Analysis on The Determinants of Tertiary Preventive Behavior among Patients with Type 2 Diabetes Mellitus: Application of Theory of Planned Behavior and Social Cognitive Theory <i>Yudi Andriyaningtiyas, Didik Guna wan Tamtomo, Bhisma Murti</i>	166
The Effect of Bullying on Depression in Adolescents in Surakarta: Application of Health Belief Model <i>Kiyat Sudrajat, RB. Soemanto, Hanung Prasetya</i>	167
Personal and Social Factors Affecting the Preventive Behavior Among Patients with Type II Diabetes Mellitus in Ponorogo, East Java, Indonesia <i>Nur Aida Yuliana, Pawito, Bhisma Murti</i>	168
Application of Social Cognitive Theory on the Determinants of Exclusive Breastfeeding Practice in Madiun, East Java <i>Rezyana Budi Syahputri, Pawito, Bhisma Murti</i>	169
Influences of Peer Support Group and Psychosocio-Economic Determinants on Treatment Compliance in HIV/AIDS Patients in Sragen, Central Java	170

*Yusuf Bachtiyar Lobis, Bhisma Murti, Yusuf Bachtiyar Lobis,
Bhisma Murti*

Biopsychosocial Determinants of Tertiary Preventive Behaviors among Patients with Hypertension in Sragen, Central Java <i>Very Retnowati, Pawito, Bhisma Murti</i>	171
The Effects of Iron Tablet Program, Intrapersonal, and Social Factors on Nutrition Intake to Prevent Anemia in Female Adolescents in Yogyakarta <i>Ailsa Clarissa Cynara, Eti Poncorini Pamungkasari, Bhisma Murti</i>	172
Health Belief Model on Determinant of Caries Preventive Behavior: Evidence on Klaten Central Java <i>Dewi Mustika Ratih, Yulia Lanti Retno Dewi, Bhisma Murti</i>	173
Factors Affecting Healthy Behavior among Primary School Children: Application of Health Belief Model <i>Frida Indriani, Pawito, Eti Poncorini Pamungkasari</i>	174
The Effect of Physical Activity on the Depression: A Meta Analysis <i>Dyah Mubarakah Ahadiyati, Didik Gunawan Tamtomo, Vitri Widyaningsih</i>	175
Reliability Tests on Dietary Intake, Physical Activity, Social Support, and Social Cognitive Questionnaires of Overweight and Obesity in Female Adolescents <i>Yeti Rahelli, Agus Kristiyanto, Bhisma Murti</i>	176
Factors Affecting Smoking Behavior High School Children in Dumai, Riau: Application of Theory Planned Behavior <i>Shilfia Ulfa Islami, Hanung Prasetya, Bhisma Murti</i>	177
Application of Health Belief Model to Explain Dental and Oral Preventive Health Behavior Among Primary School Children in Ponorogo, East Java <i>Fahma Widya Kusumawardhani, Harsono Salimo, Eti Poncorini Pamungkasari</i>	178
The Effect of Self Efficacy on Voluntary Counseling and Testing of HIV in Homosexual: A Meta-Analysis <i>Yuli Astuti, Yulia Lanti Retno Dewi, Bhisma Murti</i>	179

TOPIC III: MATERNAL AND CHILD HEALTH

The Association Between Maternal Age and Gravidity and The Event of Gravidarum Emesis in Kupang, East Nusa Tenggara <i>Dina Melanieka Sintikhe Henukh, Siti Nur Asyah.Jamillah Ahmad</i>	181
--	-----

Maternal Psychology on Breastfeeding Twins: A Scoping Review <i>Mellysa Wulandari Tasripin, Herlin Fitriana K</i>	182
Adolescent Response on Menarche: A Scoping Review <i>Nahdiyatul Mukaromah, Ismarwati</i>	183
Factors Associated with Exclusive Breastfeeding among Primipara: A Scoping Review <i>Hairiana Kusvitasari, Ismarwati</i>	184
Maternal Readiness for Newborn Discharge in Mantrijeron Community Health Center, Yogyakarta <i>Ikha Muflikha, Sri Lestari, Suyani</i>	185
Antenatal Care Quality by Midwives as A Stunting Prevention Effort in Malang, East Java: A Comparative Study <i>Diadjeng Setya W, Miftahul Jannah, Rismaina Putri</i>	186
The Effectiveness of Health Education on Mother's Knowledge and Food Intake among Stunting Childrean in South Lampung, Lampung <i>Dian Isti Angraini, Bagas Pratama, Dwita Oktaria</i>	187
Birthing Ball Therapy on The Long-Term Maternal and Labor Pain among Primigravida Mother in Private Practice Midwives, Madiun, East Java <i>Lilis Suryani, Mufida Dian Hardika</i>	188
Supplementary Food Therapy for The Recovery of Malnourished Children 0-59 Month: A Systematic Review <i>Solikhah Eli Setiyani, Fitria Siswi Utami</i>	189
Mothers Experience with Low Born Weight Infant: A Scooping Review <i>Yayu Yuliarti, Nurul Kurniati</i>	190
Association between Maternal Anemia with Stunting Incidence Among Newborns in Surakarta, Central Java <i>Safitri Tia Tampy, Hari Wahyu Nugroho, Rahmi Syuadzah</i>	191
Association between Maternal Weight and A Newborn Weight in Surakarta, Central Java <i>Rahmi Syuadzah, Hari Wahyu Nugroho, Safitri Tia Tampy</i>	192
Correlation between Nutritional Status and Pneumonia Among 6- 59 Months Years Old in Tangerang, Banten <i>Zico Permadi, Maria Ekawati, Citra Ayu Aprilia</i>	193

The Effect of Cognitive Behavior Therapy and Elip Methods on Bounding Breastfeeding among Madura Tribe Blues Post Partum <i>Elly Dwi Masita, Adenia Dwi Ristanti</i>	194
Determinant Factors of Stunting and Effectiveness of Nutrition, Information, Education Interventions To Prevent Stunting in The First 1000 Days of Life: A Systematic Review <i>Basri Aramico, Emy Huriyati, Susetyowati, Fatwa Sari Tetra Dewi</i>	195
Demand on Sectio Caesarea's Labor Among Pregnant Women in Developing Countries: A Scoping Review <i>Maisaroh Nurasih, Cesa Septiana Pratiwi</i>	196
Increased The Capacity CBIA Facilitator Through the Formation Agent of Change (AoC) in The Use Antibiotics in Tanjung Gunung Village Central Bangka Regency <i>Rachmawati Felani Djuria</i>	197
Anemia, Motor, Language, Social Personal Developments among Children Under Two Years Old in Rural Areas, Wonosobo, Central Java, Indonesia <i>Hadi Ashar, Ina Kusrini, Marizka Khairunnisa, Cati Martiyana</i>	198
The Corellation between Stunting, Wasting, and Children's Cognitive Ability: Indonesia Family Life Survey 2000 – 2014 <i>Safitri Tia Tampy, Hari Wahyu Nugroho, Rahmi Syuadzah</i>	199
The Effect of Hormonal Contraception on Body Mass Index among Women in Reproductive Age <i>Widya Kusumawati, Lely Khulafa'ur Rosidah</i>	200
The Association between Feeding Patern, Income, Household Safety, and Stunting Events among Farmer Families in Gunung Labu Community Health Center, Kerinci Regency, Jambi <i>Enda Setiana, Evy Wisudarini, Asparian</i>	201
The Influence of Husband's Role on Mother Interest in Giving Exclusive Breastfeeding <i>Yunik Windarti</i>	202
Age and Anxiety Among Primigravida Pregnant Women in Nganjuk, East Java <i>Meirna Eka Fitriasnani, Anis Nikmatul Nikmah</i>	203
Psychosocial Stimulation in Stunting and Non Stunting Firms <i>Dian Rahmawati, Lia Agustin</i>	204

Environmental and Behavior Factors on The Incidences of Toxoplasmosis Among Married Women <i>Andi Asnifatima, Siti Khodijah Parinduri, Ahsin Aligori</i>	205
The Effect of Complementary <i>Ampelocissus rubiginosa L</i> Therapy on The Decrease in Postpartum Fundal Height, Palangka Raya City, Central Kalimantan <i>Christine Aden, Marselinus Heriteluna</i>	206
The Use of Modern Contraceptives among Poor Women in Urban Areas in Indonesia <i>Maria Gayatri</i>	207
Determinant Factors on Stunting Incidence among Children Age 6-24 Months, Pemalang, Central Java: A Case Study <i>Arwinda Nugraheni, Ani Margawati, Firdaus Wahyudi, Dea Amarilisa Adespin, Bambang Hariyana</i>	208
Pop Up Toys as Story Play Therapy on The Level of Anxiety on General Anesthesia Surgery Among Children Around 6-12 Years Old <i>Ni Ketut Mendri, Atik Badi'ah, Mohammad Najib</i>	209
Stunting in Rural Areas: An Overview <i>C. Ermayani Putri A, Desak Putu K.P, Caecilia Titin Retnani, Masruchi</i>	210
Antenatal Service Quality: A Scoping Review <i>Yayuk Puji Lestari, Farida Kartini</i>	211
Young Mothers' Perspectives on Early Postpartum: A Scoping Review <i>Anugrah Destia Trisetyaningsih, Dewi Rokhanawati</i>	212
Breastfeeding Experience in Young Mothers: A Scoping Review <i>Annisa Rusdi, Dewi Rokhanawati</i>	213
Determinant of Maternal and Hair Zinc Level on Stunting and Developmental Disorders in Under Five Aged Children: A Path Analysis <i>Nunik Ike Yunia Sari, Estin Gita Maringga</i>	214
Difference in Effectiveness on Warm Ginger Water Compress and Sour Turmeric on Reducing Preprimary Menstrual Pain in Midwifery Students at Maranatha School Kupang, East Nusa Tenggara <i>Matilda Bupu Ria, Clara Yunita Ina Ola, Damita Palalangan</i>	215
Difference in Length of Return of Fertility After Contraception with 3-Month of Depo Medroxy Progesteron Acetate Injection and	

Hormonal Implant in Baumata Public Health Center, Kupang District <i>Siti Nur Asyah Jamillah Ahmaad, Dina M.S Henukh</i>	216
Interpersonal Collaborative Practice in Healthcare of Low-Birth-Weight Cases <i>Ummu Faizah, Sulistyaningsih</i>	217
Factors Influencing The Use of Long-Lasting Contraception Methods among Reproductive-Age Women in Sukmajaya Community Health Care, Depok, West Java <i>Nancy Dalla Darsono, Sri Wahyuningsih, Agneta Irmarahayu</i>	218
Experiences of Adolescents to Become Mother: A Scoping Review <i>Yunita Anggriani, Nurul Kurniati</i>	219
Postnatal Factors Related to Stunting in Children Under Five, Nganjuk, East Java <i>Risa Nurhayati, Dewi Indriani, Rahayu Budi Utami</i>	220
Interprofessional Health Collaboration on Female Adolescents with Iron Deficiency Anemia: A Scoping Review <i>Irma Nurma Linda, Sulistyaningsih</i>	221
Relationship between Birth Interval and The Risk of Postpartum Hemorrhage at RSIA Kirana Hospital in Sidoarjo, East Java <i>Maria Manda Puspita, Ardhi ana Julia Dewi, Nourma Yunita</i>	222
Student Perception of The Preceptorship Model in Midwifery Care: A Scoping Review <i>Ana Dyah Aliza, Farida Kartini</i>	223
The Effect of Ginger Extract Consumption on Reducing Morning Sickness in First Trimester of Pregnant Women at Pratama Mariana Clinic Medan, North Sumatra <i>Nurhidaya Fitria, Ida Lestari Tampubolon</i>	224
Relationship between Exclusive Breastfeeding and Stunting in Under-Five Children at Harjobinangun Village, Yogyakarta <i>Dyah Ayu Fitriani, Fathiyatur Rohmah</i>	225
Relationship among Body Mass Index, History of Maternal Menarche and Exposure of Pornographic Media with Menarche Age in Elementary School Students, Jambi <i>Dina Seprina, Adelina Fitri, M. Dody Izhar</i>	226

Relationship of Family Economic Status with Chronic Energy Deficiency in Pregnant Women in Jetis Community Health Center, Yogyakarta <i>Ni Luh Srinadi, Theresia Puspitawati, Nonik Ayu Wantini</i>	227
Oxytocyn Massage Using Innovative Massage Tool and Conventional Effleurage Techniques to Increase Breastmilk Production in Post Partum Mothers <i>Nining Istighosah, Aprilia Nurtika Sari</i>	228
Effect of Affirmation Flashcards on Level of Anxiety in Second Stage of Labor at Midwifery Clinic, East Java <i>Esty Puji Rahayu, Lailatul Khusnul Rizki</i>	229
Factors Affecting Anemia in Pregnant Women with Second and Third Trimester of Pregnancy at Tiron Community Health Center, Kediri District, East Java <i>Dewi Kartika Sari, Putri Wahyu Wigati</i>	230
Relationship between Diet Restriction and Acceleration of Perineum Wound Healing in Post Partum Normal Delivery Mothers in Tiron Public Health Center, Kediri, East Java <i>Putri Wahyu Wigati, Dewi Kartika Sari</i>	231
Effectiveness of Acupressure on Reducing of Nausea and Vomiting in Pregnant Women in Independent Midwifery Practice, Sidoarjo, East Java <i>Nanik Handayani</i>	232
Effect of Family Support on Child Growth and Development in Sukoharjo, Central Java <i>Fitria Hayu Palupi, Ana Wigunantiningih, Luluk Nur Fakhidah, Siskana Dewi Rosita, Dewi Arradhini</i>	233
Determinants of Exclusive Breastfeeding Cessation in Indonesia <i>Enka Nur Ishmatika, Tris Eryando</i>	234
Relative Effectiveness of Red Guava Fruit (<i>Psidium Guajava L.</i>) and Star Fruit (<i>Averrhoa Carambola L.</i>) on Hemoglobin Level in Pregnant Women at Camplong Community Health Center, Kupang District <i>Clara Yunita Ina Ola, Matilda Bupu Ria, Roslin E.M Sormin</i>	235
A Scoping Review of Paternal Adaptation Experience During the Perinatal Period <i>Poppy Siska Putri, Herlin Fitriani K</i>	236
Comparison of Nutrition Status of Children with Aged 1-2 Years in Coastal and Urban Areas	237

Toilet Training in Children with Autism: A Scoping Review <i>Putri Yuliantie, Mufdlilah</i>	238
Difference in Acceptability and Level of Preference between Modified and Standard Supplementary Feeding on Undernourished Toddlers at Janti Community Health Center, Malang <i>Sugeng Iwan Setyobudi, I Nengah Tanu Komalyana, Nurulloh</i>	239
Effect of Exclusive Breastfeeding on Growth and Development of Infants Aged 0-24 Months <i>Siska Nurul Abidah, Hinda Novianti</i>	240
Urgency of Violence Screening in Pregnant Women: A Scoping Review <i>Eviana Maya Saputri, Mufdlilah</i>	241
The Influence of Husband's Support on Health-Seeking Behavior in Madurese Mothers with Postpartum Blues <i>Adenia Dwi Ristanti, Elly Dwi Masita</i>	242
Father's Experience on The Incident of Newborn Death: A Scoping Review <i>Dwi Reza Wahyuni, Mufdlilah</i>	243
Risk Factors of Stunting in Children Under Five Years of Age: A Systematic Review <i>Melly Nirma Syahriani, Ismarwati</i>	244
Motivation on Early Detection of Cervical Cancer in Women of Reproductive Age: A Scoping Review <i>Siti Nurul Khotimah, Dwi Ernawati</i>	245
First-Time Advisory Experience of Husbands During Labor Time of Pregnancy: A Scoping Review <i>Nuristy Brilliant Ainindyahsari Winarna, Andari Wuri Astuti</i>	246
Analysis of Factors and Management of Hepatitis B Virus Screening in Mothers and Infants: A Scoping Review <i>Setianingsih, Nurul Kurniati</i>	247
Impact of Covid-19 Pandemic on Fetus and Newborn: A Systematic Review <i>Ika Yulianti, Rahmi Padlilah, Agus Purnamasari</i>	248
Association between Maternal Behavior and Child Nutritional Status During the First 1000 Days of Life in Tarakan, North Kalimantan	249

Ika Yulianti, Rahmi Padilah

Maternal and Child Health Handbook as Health Promotion Tool for Postpartum and Breastfeeding Mothers: A Systematic Review 250
Rizki Amalia, Yunik Windarti

Determinants of Health Visit among Mothers with Toddlers at The Integrated Health Post, Nganjuk District, East Java 251
Ambar Dwi Retnoningrum, Ike Nurrochmawati, Dewi Indriani

Relationship between Vitamin A Deficiency and Pneumonia Incidence of Children Under Five Years of Age in West Java 252
Magdalena Gultom, Ririn Arminsih Wulandari

Effectiveness of Stimulation of Endorphin, Oxytocin, and Suggestive Massage Method on The Breast Milk Production in Postpartum Mothers at General Hospital, South Tangerang, Banten 253
Dewi Susanti, Yuliwati

Experience on Prenatal Gentle Yoga Exercise During Pregnancy: A Scoping Review 254
Migita Vidia Amita, Sri Ratnaningsih

Factors Affecting Obesity in Preschool Children in Upper Airmadidi, North Sulawesi 255
Jonan Stanley Nangoy, Caroline Marlyn Sepang

Relationship between Total Immunoglobulin E Level and Intensity of Whipworm Infection in Primary School Children, Medan, North Sumatera 256
Endy Juli Anto, Leonard Kristian Sinaga, Jekson Martiar Siahaan

Relationship between Gravidity and Severity of Emesis Gravidarum in Trimester I Pregnant Women at PMB Fatimatu Zahrok Midwifery Care, Kediri, East Java 257
Rahma Kusuma Dewi, Halimatus Saidah

Nutritional Interventions to Reduce Stunting in Developing Countries: A Systematic Review 258
Lasrika S Sinaga, Ciciilya Candi, Mardiaty Nadjib

Effect of Complementary Feeding on Stunting and Anaemia in Toddlers in Sidoarjo, East Java 259
Lailatul Khusnul Rizki, Esty Puji Rahayu

Factors Affecting Stunting among Children Under Five Years of Age in Banyuwangi, East Java 260

*Endah Kusuma Wardani, Nurul Eko Widiyastuti, Lutvia Dwi
Rofika, Wahyu Adri Wirawati*

- Relationship between Basic Feeding Rule Applied by Parents and Eating Difficulties of Children Under Five Years of Age in Kediri, East Java 261
Halimatus Saidah, Rahma Kusuma Dewi
- Effect of Obstructive Sleep Apnea on Incidence of Preeclampsy in Pregnant Women: A Systematic Review 262
Sulis Diana, Chatarina Umbul Wahyuni, Budi Prasetyo
- Effect of Trained Parenting on The Development of Autistic Children at Autism Schools in Indonesia 263
Atik Badi'ah, Ni Ketut Mendri, Heru Santoso Wahito Nugroho, Wawuri Handayani
- Maternal Characteristics and Knowledge on The Risk of Childhood Stunting at Simpang Kawat Community Health Center, Jambi 264
Mila Triana Sari, Daryanto, Mientje Oesmani
- Performance Analysis of Children's Health Program in Indonesia: A Multilevel Analysis 265
Triseu Setianingsih
- The Effects of Traditional Care and Biopsychosocial Determinants on The Risk of Postpartum Depression: Evidence from Yogyakarta 266
Selvia Febrianti, Didik Gunawan Tamtomo, Uki Retno Budihastuti
- Use of Gadget on Child Development in Children Aged 3-5 Years: Evidence from Melawi, West Kalimantan 267
Livia Calorina, Pawito, Hanung Prasetya
- The Effects of Nutrition Status and Breastfeeding on Child Development Aged 3-6 Years: Evidence from Tanjung Jabung Timur, Jambi 268
Dinda Septiani Hardilla, Harsono Salimo, Eti Poncorini Pamungkasari
- Multiple Logistic Regression on The Factors Affecting Exclusive Breastfeeding Practice in Karanganyar, Central Java 269
Lathifah 'Arub, Eti Poncorini Pamungkasari, Yulia Lanti Retno Dewi
- Factors Affecting the Use of Visual Inspection Acetic Acid Test in Magelang, Central Java 270
Herlina Ika Martaningrum, Uki Retno Budihastuti, Bhisma Murti

Sosioeconomic Factor Affecting the Performance of Community Health Workers at Integrated Health Post in Purworejo, Central Java <i>Ulfah Hidayati, Didik Gunawan Tamtomo, Bhisma Murti</i>	271
Factors Affecting Patient Satisfaction of Intrapartum and Postpartum Services in Kebumen, Central Java <i>Helmi Nurlaili, Didik Gunawan Tamtomo, Bhisma Murti</i>	272
Factors Associated with Early Marriage among Young Women in Blora, Central Java: Evidence for Theory of Planned Behavior <i>Wella Anggraini, Pawito, Eti Poncorini Pamungkasari</i>	273
Biopsychosocial and Economic Factors Affecting Complete Use of Basic Immunization Service in Children Aged 12-23 Months in Jember, East Java <i>Revina Fiandany Erynda, Endang Sutisna Sulaeman, Eti Poncorini Pamungkasari</i>	274
Relative Efficacy of Probiotics Compared with Standard Therapy for Diarrhea Treatment in Children Under Five Years of Age: A Meta-Analysis Evidence from Developing Countries <i>Nurul Aini Suria Saputri, Tri Nugraha Susilawati, Vitri Widyaningsih</i>	275
Does Community Health Centers Have Contextual Effect on Midwife Performance in The Implementation of Prevention Mother to Child Transmission Counseling and Testing? <i>Sringatin, Uki Retno Budihastuti, Endang Sutisna Sulaeman</i>	276
The Associations between Cigarette Smoke Exposure, Family History of Infertility, and The Risk of Infertility Among Women in Reproductive Age, in Surakarta, Central Java <i>Luthfia Zauma, Uki Retno Budhiastuti, Eti Poncorini Pamungkasari</i>	277
Effect of The Disability Integrating Health Post on The Quality of Life of Children with Cerebral Palsy: A Path Analysis Evidence from Sukoharjo, Central Java <i>Retno Dwi Rohaniyati, Harsono Salimo, Eti Poncorini Pamungkasari</i>	278
Determinants of Fertility in Indonesia: An Analysis from Basic Life Survey Data Year 2017 <i>Karlinda, Didik Gunawan Tamtomo, Vitri Widyaningsih</i>	279
Effect of Maternal Skills in Early Detection and Stimulation on Receptive Language Skill of Children Age 4 to 6 Years	280

Anggi Resina Putri, Eti Poncorini Pamungkasari, Hanung Prasetya

Association between Receptive Language Skill and Social Communication Skill among Preschool Children: Evidence from Surakarta, Central Java	281
<i>Nadya Susanti, Eti Poncorini Pamungkasari, Rita Benya Adriani</i>	
FAD Diets and Other Factors Affecting the Risk of Chronic Energy Deficiency among Adolescent Females at The Boarding School	282
<i>Fitria Widhiyanti, Yulia Lanti Retno Dewi, Isna Qodrijati</i>	
Path Analysis on The Determinants of Complementary Feeding Practice	283
<i>Renidya Asyura Muttabi' Deya Fa'ni, Yulia Lanti Retno Dewi, Isna Qadrijati</i>	
Social Economic Determinants of Birth Weight: Path Analysis Evidence from Situbondo, East Java	284
<i>Eti Kuswandari, Harsono Salimo, Yulia Lanti Retno Dewi</i>	
Path Analysis Factors Affecting Pregnant Women Participation to The Triple Elimination Examination in Semarang, Central Java	285
<i>Mei Fatimah, Supriyadi Hari Respati, Eti Poncorini Pamungkasari</i>	
Effect of Family Development Session Family Hope Program on The Visit to Posyandu and Nutritional Status of Children Under Five	286
<i>Nislaus Zakiyah, Endang Sutisna Sulaeman, Eti Poncorini Pamungkasari</i>	
Biological and Social-Economic Determinants of Child Development: A Path Analysis Evidence from Surabaya, East Java	287
<i>Ajeng Ayu Titah Pujangkara, Harsono Salimo, Eti Poncorini Pamungkasari</i>	
The Associations between Age, Occupation, Income, and Contraceptive Uptake in Women of Reproductive Age in Indonesia	288
<i>Lailatul Rohmah, Vitri Widyaningsih</i>	
Relationship between Intimate Partner Violence and The Risk of Postpartum Depression	289
<i>Ardiani, RB. Soemanto, Bhisma Murti</i>	
Biological and Socio-Demographic Factors Associated with Neonatal Mortality: Evidence from Karanganyar District, Central Java	290
<i>Amin Sukoco, Harsono Salimo, Yulia Lanti Retno Dewi</i>	

The Difference of Development in Children Aged 6 Months Received Exclusive Breastfeeding Versus Formula Milk in Ciptomulyo Health Center, Malang, East Java <i>Milatur Rosyidah, Herawati Mansur, Tri Mardiyanti</i>	291
Risk Factors of Stunting in Children Aged 25-59 Months in Kotagede I Health Center, Yogyakarta <i>Tyas Aisyah Putri, Yuni Kusmiyati, Ana Kurniati</i>	292
Low Birth Weight and Neonatal Mortality: Meta Analysis <i>Silvalia Rahma Pratiwi, Hanung Prasetya, Bhisma Murti</i>	293
Contextual Effect of Village and Other Determinants on Infant Mortality: A Multilevel Analysis from Karanganyar, Central Java <i>Endang Palupi, Harsono Salimo, Bhisma Murti</i>	294
Determinants of Immunization Completeness of Infant in Karanganyar, District, Central Java <i>Maharani Ulfah, Supriyadi Hari Respati, Bhisma Murti</i>	295
The Effect of Unplanned Pregnancy on Antenatal Depression: A Meta-Analysis <i>Dinda Anindita Salsabilla, Hanung Prasetya, Bhisma Murti</i>	296
Factors Affecting The Use of Antenatal Care in Semarang, Central Java: Application of Health Belief Model <i>Widyawati, Eti Poncorini Pamungkasari, Bhisma Murti</i>	297
Application of Social Cognitive Theory on Factors Affecting Completeness of Child Immunization: Evidence from Pacitan, East Java <i>Puspita Mayangsari Prabowo, Setyo Sri Rahardjo, Eti Poncorini Pamungkasari</i>	298
Effect of Malaria Infection on Premature Birth Delivery: Meta-Analsysis <i>Feri Yuda Anggara, Setyo Sri Rahardjo, Bhisma Murti</i>	299
Fertility Determinants in Indonesia: Analysis of Indonesian Basic Health Survey Year 2017 <i>Philipus Prihantiko Kurniagung, Vitri Widyaningsih</i>	300
The Effect of Hormonal Contraceptive Use on The Risk of Depression in Women of Reproductive Age: Evidence from Gunungkidul, Yogyakarta <i>Neta Afriyanti, Eti Poncorini Pamungkasari, Hanung Prasetya</i>	301
The Effect of Vitamin D Supplementation on The Pre-Eclampsia Risk Reduction in Pregnant Women: A Meta-Analysis <i>Fanny Kartika, Bhisma Murti, Eti Poncorini Pamungkasari</i>	302
The Effect of Prenatal Stresson Low Birth Weight: A Meta-Analysis	303

Irfa Nur Faujiah, Bhisma Murti, Hanung Prasetya

Exclusive Breastfeeding and Prevention of Obesity in Children Under Five: A Meta-Analysis <i>Elma Yopiana, Bhisma Murti, Yulia Lanti Retno Dewi</i>	304
Antenatal Care and Provision of Basic Immunization in Children Aged 12-23 Months: Meta-Analysis <i>Farida, Vitri Widyaningsih, Bhisma Murti</i>	305
School-Based Intervention to Reduce The Risk of Obesity in Children: A Meta-Analysis <i>Riftiani Nikmatul Nurlaili, Yulia Lanti Retno Dewi, Rita Benya Adriani</i>	306
Meta Analysis: Kangaroo Mother Care to Elevate Infant Weight in Premature Infants <i>Ines Ratni Pravitasari, Vitri Widyaningsih, Bhisma Murti</i>	307
The Effect of Physical Activity on The Academic Achievement in Primary School Students: Meta-Analysis <i>Fatchurrohmah Ines Prabandari, R.B Soemanto, Vitri Widyaningsih</i>	308
Effect of Fruits and Vegetables Intake on Obesity in School-Aged Children: Meta-Analysis <i>Utami Pangestu, Yulia Lanti Retno Dewi, Hanung Prasetya</i>	309
Effect of Meconium Stained Amniotic Fluid on The Risk of Infants Asphyxia: A Meta-Analysis <i>Alfiati Nanda Widiyaningrum, Bhisma Murti, Eti Poncorini Pamungkasari</i>	310
Effect of Secondary Education on Exclusive Breastfeeding: Meta-Analysis <i>Ferda Fibi Tyas Nurkholifa, Eti Poncorini Pamungkasari, Hanung Prasetya</i>	311
Meta-Analysis: The Effect of Active Smokers in Pregnant Women on Low Birth Weight <i>Imam Setya Arifian, Vitri Widyaningsih, Hanung Prasetya</i>	312
Effect of Perceived Benefit on Pap Smear Examination Uptake in Women of Reproductive Age: A Meta-Analysis <i>Maranata, Eti Poncorini Pamungkasari, Rita Benya Adriani</i>	313
The Difference of Anxiety in Intrapartum Mothers with Normal and Sectio Caesarea <i>Firdausi Nuzula</i>	314

TOPIC IV: HEALTH POLICY AND MANAGEMENT

Implementation of Cigarette Area Policy in High School, Nganjuk, East Java, Indonesia <i>Yeny Kusumawati, Fresty Africia</i>	316
Development of Health Program Using Rapcriec Method in Company X to Reduce Employees Hypercholesterolemia, Hypertriglyceridemia, Hypertension, Obesity, and Hyperuricemia <i>Auliah Rahmi, Doni Hikmat Ramdhan</i>	317
The Effectiveness of National Health Insurance Implementation on Maternal Health Service in Developing Countries: A Systematic Review <i>Eva Nur Octavia, Pandu Riono</i>	318
Implementation of Alert Village and Maternal Mortality in East Java Province <i>Santy Irene Putri , Prima Soultani Akbar</i>	319
Synergity of Colaboration Training toward The ‘Kampung KB Center of Excellent’ Based on Independence and Technology <i>Rina Sri Widayati, Dewi Kartikasari, Jani Kusanti</i>	320
The 119 PSC Officers Experience on Preventing Fake Calls and Overcome Referral System Obstacles <i>Agus Khoirul Fuadi, Achdyat Premedi</i>	321
Preparedness of The Bhakti Wiratantama Army Hospital Semarang in Facing Covid-19 <i>Moh. Andi Fatkhurokhman, Budi Hidayat</i>	322
The Implementation of Public Service in General Hospital of Sukabumi City, West Java <i>Ni Putu Juwanita Dewi</i>	323
Implementation of Hospital Safety and Health Management System: Resource, Organization, and Policy Aspects <i>Dhimas Herdhianta, Hanifa Maher Denny, Suroto</i>	324
Age, Gender, and Knowledge on Complications of Diabetes Mellitus with Obedience in Chronic Disease Management Programs <i>Tri Ratih Agustina, Naura Rifdah, Nurjannah Sriayu, Naila Zulbahrina</i>	325
The Effect of Community Empowerment on The Implementation of Diabetes Mellitus Management in Malangsuko, West Java	326

Tavip Dwi Wahyuni

Community Helath Center Resilience in Disaster Management: A Narrative Review <i>Ani Sutriningsih, Chatarina Umbul Wahyuni, Setya Haksama</i>	327
Knowledge, Attitude and Practice on Food Hygiene and Sanitation, Optimistic Bias of Food Handlers, and Their Association With Participation in Food Safety Training at A Hospital in Yogyakarta <i>R. Dwi Budiningsari, Ika Ratna Palupi</i>	328
Relationship of Work Load and Interpersonal Interactions with Work Fatigue in Inpatient Nurses at Dr M Yunus Hospital, Bengkulu <i>Rina Aprianti, Susilo Wulan, Elza Wulandari</i>	329
Weight Management with Daily Consumption of Recommended Vegetable Intake among Overweight Women in Jakarta <i>Indri Kartiko Sari, Diah Mulyawati Utari, Shigeru Yamamoto</i>	330
Resources Availability of Non-Specialistic Reference Policies in The Era of National Health Assurance to Ngawi East Java Public Health Centre <i>Maria Yeny Eskawati</i>	331
Dispute Analysis of Claims For COVID-19 Patients at Hospitals of Indonesia University <i>Rakhmad Hidayat, Budi Hidayat</i>	332
The Relationship of Ability to Pay and Ownership of Health Insurance towards Willingness to Pay Laboratory Services at Persahabatan Hospital, East Jakarta <i>Siska Putri Utami, Yanti Harjono Hadiwiardjo, Kristina Simanjuntak</i>	333
The Effectiveness of Collaborative Leadership on Improving Interprofessional Collaboration Practice in The Comprehensive Emergency Obstetric and Neonatal Services <i>Sulistyaningsih, Y. Warella, Sutopo Patria Jati, Meidiana Dwidiyanti</i>	334
Analysis of Pharmaceutical Installations Management at Kambang Hospital, Jambi <i>Fitri Dwiyani , Amal C. Sjaaf</i>	335

The Relationship between Readiness Program Officer and The Implementation of The TB-DM Collaboration Program at Semarang Community Health Center, Central Java <i>Dea Amarilisa Adespin, Hari Peni Julianti, Aras Utami, Diah Rahayu Wulandari, Arwinda Nugraheni</i>	336
Implementation of Integrated Nursing Models toward Patient Satisfaction in Mitra Medika Amplas Hospital, Medan, North Sumatra <i>Deli, Destanul Aulia, Heru Santosa, Ida Yustina</i>	337
Analysis Study of The Comparative Quality of Patient Services Before and After COVID-19 Pandemic in Installation of Siloam Hospital TB Simatupang Installation <i>Dian Agnesa Sembiring, Atik Nurwahyuni</i>	338
Implementation Analysis of The Occupational and Environmental Safety and Health Management System at Laboratory of Universitas Indonesia <i>Puteri Salsabila, Mila Tejamaya</i>	339
Readiness of Human Resource, Logistics, and Finance in Handling Pandemic COVID-19 at Bhakti Wira Tamtama TNI Hospital, Semarang <i>Rianti Merviane Erungan</i>	340
Interprofessional Collaboration on Mental Health: A Scoping Review <i>Arista Kusuma Wardani, Sulistiyaningsih</i>	341
Determinants of Inpatient Cost for Patients with ST-elevation Myocardial Infarct at Mayapada Hospital, Tangerang <i>Willia Gontina S, Atik Nurwahyuni</i>	342
Problems at A Hospital Concerning COVID-19 Pandemic <i>Marselli Widya Lestari, Dewi Puspitosari H.D, Yohana</i>	343
Compliance with Complete Filling of Patient & Medical Record at Hospital: A Systematic Review <i>Chrismatovanie Gloria, Pujiyanto</i>	344
Determinants of Injury Incidents in The Productive Aged Groups in Central Sulawesi <i>Sea Septiana, Ira Marti Ayu</i>	345
Acceptance and Barrier in Using Telemedicine Health Services of Hospitals among Paediatric Outpatients: A Systematic Review <i>Sarah Geltri Harahap, Cicylia Candi, Adang Bachtiar</i>	346

Risk Factors of Byssinosis Symptoms among Sewing Unit Workers at PT. X, Semarang <i>Fiska Anta Desiyanti, Decy Situngkir</i>	347
Hospital Characteristics Determining Indonesian Case Base Groups Claim Rates <i>Warsi Maryati, Novita Yuliani, Anton Susanto, Aris Octavian Wannay, Ani Ismayani Justika</i>	348
Understanding The Contextual Idiosyncrasies of Stunting Prevention Program at District and Village Levels in Indonesia Using The Ecological Approach <i>Mutiara Tirta Prabandari Lintang Kusuma</i>	349
Path Analysis on The Determinants of Hospital Lost Under INA-CBGs Reimbursement for Patient with Dengue Hemorrhagic Fever in Ngawi Regional Public Hospital, East Java <i>Betty Nurizky Ariwardani, Didik Gunawan Tamtomo, Bhisma Murti</i>	350
The Effect of Activity Level of The Integrated Health Post on The Community Health Workers Performance on Child Growth and Development Health Services: A Multilevel Analysis <i>Lidia Ekiq Kurniavie, Pawito, Bhisma Murti</i>	351
Factors Associated with Participation in The National Health Insurance Program: A Path Analysis Evidence from Kudus, Central Java <i>Anom Dwi Prakoso, Endang Sutisna Sulaeman, Arief Suryono</i>	352
Multilevel Analysis on The Contextual Effect of The Integrated Health Post on The Use of Non- Communicable Disease Screening Service <i>Riza Firdaus, Yulia Lanti Retno Dewi, Bhisma Murti</i>	353
Factors Affecting The Decision to Choose School of Acupuncture <i>Imrok Atus Sholihah, Hanung Prasetya, Vitri Widyaningsih</i>	354
Factors Affecting The Performance of Health Workers at The Community Health Centers in Klaten, Central Java <i>Nia Handayani, Didik Gunawan Tamtomo, Bhisma Murti</i>	355
Factors Associated with Service Performance among Community Health Center Employees in Karanganyar, Central Java <i>Mujiran, Setyo Sri Rahardjo, Bhisma Murti</i>	356

Implementation of Dual Health Asset Application Developed by Ministry of Internal Affairs and Ministry of Health in Hospitals in Boyolali, Central Java <i>Yunita Rusdiyanti, Didik Gunawan Tamtomo, Bhisma Murti</i>	357
Factors Associated with Job Performance of Midwives at Community Health Centers in Mojokerto, East Java <i>Veterina Rizki Amalia, Hanung Prasetya, Bhisma Murti</i>	358
Multilevel Logistic Regression Analysis on The Effectiveness of Chronic Disease Management Program in Improving “CERDIK” Healthy Behavior for Hypertensive Patients <i>Tri Puji Pangesti, Didik Gunawan Tamtomo, Bhisma Murti</i>	359
Factors Affecting The Performance of Community Health Workers at The Integrated Non Communicable Disease Health Post in Karanganyar, Central Java <i>Eka Siti Chasanah, Endang Sutisna Sulaeman, Setyo Sri Rahardjo</i>	360
Factors Affecting The Perceived Quality of Service and Patient Satisfaction on Inpatient Care of Nabire Hospital Papua <i>Agustina Utii, Bhisma Murti, Yulia Lanti Retno Dewi</i>	361
Application of Social Cognitive: Determinants of Job Performance in Medical Rehabilitation Health Workers at Dr. Moewardi Hospital <i>Sisybania, Mahendra Wijaya, Bhisma Murti</i>	362
Systematic Review: Factors Associated with Implementation of Health Information Management in Community Health Centers <i>Sri Umiati</i>	363
Meta-Analysis The Effect of Chronic Disease on Catastrophic Health Expenditure <i>Yeny Ristaning Belawati, Didik Gunawan Tamtomo, Bhisma Murti</i>	364
The Influence of Job Satisfaction and Organization Commitment on The Performance of Family Planning Counselors in Yogyakarta <i>Ikhtiarisca Olifia Mufidatun, Didik Gunawan Tamtomo, Bhisma Murti</i>	365
Evaluation of Information and Adolescent Counseling Center Management to Delay Early Marriage in Adolescents in Senior High School 4, Jambi, Indonesia <i>Muhammad Rifqi Azhary, Dwi Noerjoedianto, Hubaybah</i>	366

Evaluation The Implementation of Trias of School Health Center Program at Giwangan Elementary School, Yogyakarta <i>Lina Eta Safitri</i>	367
---	-----

TOPIC V: MEDICINE

Effectiveness of Cocoa (<i>Theobroma cacao L.</i>) Seed Extract on The Growth of In Vitro <i>Malassezia Furfur</i> <i>Fajar Daniswara Montana, Yuni Setyaningsih, Fajriati Zulfa</i>	369
Antifungal Test of The Ethanol Extract of Brotowali Stem (<i>Tinospora crispa</i>) on the Growth of <i>Trichophyton rubrum</i> In Vitro <i>Nurul Nadifa Erza, Fajriati Zulfa, Yuni Setyaningsih</i>	370
Macaranga Leave Capsule as on Dysmenorrhea as a Complementary therapy <i>Candra Kusuma Negara, Sri Erliani, kristiani</i>	371
The Differences between Foam Rolling Exercise and Swedish Massage on Delayed Onset Muscle Soreness Pain <i>Ribkhah Arvita Ekaristi, Herdianty Kusuma H, Marti Rustanti</i>	372
Murrotal Music on Dysmenorrhea Pain among Students in Madrasah Aliyah Sultan Hasanudin, South Jakarta <i>Ova Jayanti, Rosmawati Lubis, Nurmawati</i>	373
Various Alertness Cognitive Stimulation on The Optimization of Motor Recovery among Post Stroke Patients in Neurorehabilitation Program <i>Hendri Kurniawan</i>	374
Effectiveness of Soursop leaf Extract to Decrease Malondialdehyde Level <i>Sarah Lorenza Caverina, retno Yulianti, Andri Pramesyanti</i>	375
The Relative Effectiveness of Steady State Cardio and High Intensity Interval Training on Cardiorespiratory Fitness among Students at School of Health Polytechnics, Surakarta <i>Mei Kusumaningtyas, Hana Kristina</i>	376
The Study of Antioxidant Endogenous Levels of Obesity Mice That Induced by 2-Nitropropane <i>Maria Selvester Thadeus, Tiwuk Susantiningih, Agneta Irmarahayu</i>	377
Effectiveness of <i>Ficus elastica</i> Roxb. Ex Hornem Leaf Extract in Reducing Total Cholesterol Level in High Fat Induced Diet Wistar Male Rats <i>Muhamad Seto Sudirman, Msi.Med</i>	378

Effect of Giving Scapular Pattern Exercise for Increase Range of Motion in Frozen Shoulder <i>Aulia Muthia Muthmainnah, Afif Ghufroni, M.Mudatsir Syatibi</i>	379
Relation Between Tiroid Status with Glycemic Control of Type 2 Dm Patients at Rspad Gatot Soebroto <i>Kartika Yulianti, Aris Wibudi, Mila Citrawati</i>	380
Assessment of Low Back and Hamstring Muscle Flexibility among Students of Physiotherapy Department at Health Polytechnics Surakarta <i>Mei Kusumaningtyas, Herdianty Kusuma Handari</i>	381
Effect of Consuming Tomato (<i>Solanu mlycopersicum L</i>) Juice and Red Spinach (<i>Amaranthus tricolor L</i>) on Haemoglobin Levels of Reproductive Age Women in Payung Sekaki Public Health Center, Pekanbaru <i>Resda Pebriani, Rifa Yanti</i>	382
Effectiveness of Low Impact Aerobic Exercise Activity on Anxiety Levels in Schizophrenia Patients at dr.RM Soedjarwadi Hospital, Klaten <i>Rita Untari</i>	383
The Effect of The Model of Eradication of Dengue Fever Vector Movement of Housewives Monitoring Larva in Efforts to Prevent Dengue Fever in Mojolangu Village, Lowokwaru District Malang <i>Fiashriel Lundy, Prima Soultani Akbar</i>	384
Comparison of Mini-Mental State Examination and Clock Drawing Test with Orientation-Memory-Concentration Test in The Elderly with Cognitive Function Impairment in Jetis Sub-District, Yogyakarta <i>Darren Eduardo William, Mitra Andini Sigilipoe, Widya Christine Manus</i>	385
Policy Analysis of Leprosy Control: A Systematic Review <i>Dian Ayu Pertiwi, Dumilah Ayuningtyas</i>	386
The Effect of Brain Gym on Depression Levels in Elderly, Nogosari District, Boyolali, Central Java <i>Rita Untari</i>	387
Effect of Acupuncture and Acupressure Therapy on Reduction of Pain Levels in Lower Step Pain Patients, Dukuh Duwetan, Central Java <i>Imrok Atus Sholihah, Sumanto, Risna Widowati</i>	388

Effects of Foot Reflexology Massage on Reducing Blood Pressure in Elderly with Hypertension at Sekupang Public Health Center, Batam	389
<i>Martini Heniastaty Patuwondatu, Cicilya Candi</i>	
Effectiveness of Sembung Tree Honey on Decreasing Cholesterol Level in Hypercolesterolemia	390
<i>Nunik Purwanti, Rahmadiar Aditya Putri, Siti Nurjanah</i>	
Effectiveness of Material Using CT Scan and MRI After Use of Picture Archiving and Commucating System and Radiology Information System at Radiological Installation of Bukittinggi National Hospital, West Sumatra	391
<i>Widya, Adang Bachtiar</i>	
Iodine Deficiency Associated with Adolescent Cognitive Performance in Endemic Iodine Deficiency Endemic Area	392
<i>Leny Latifah, Yusi Dwi Nurcahyani, Suryati Kumorowulan, Diah Yunitawati</i>	
Effectiveness of Dry Extract Mahoni Seed Consumption on Blood Sugar Level in Diabetes Mellitus	393
<i>Ganda Ardiansyah, Henny Purwandari, Heni Prastika Damayanti</i>	
Risk Factor of Dry Eyes Syndrome Toward Elderly with Diabetes Mellitus	394
<i>Trilaksana Nugroho, Hari Peni Julianti, Arief Wildan, Arnila Novitasari Saubig, Andhika Guna Darma, Desti Putri Seyorini</i>	
Factors Related to Genital Hygiene Behavior among Female Underwent Treatment at Dr. Moewardi Hospital Surakarta, Indonesia: A Case-Control Study	395
<i>Afriza Umami, Sukadiono, Bhisma Murti, Tegar Wahyu Yudha Pratama, Sudalhar, Istiqlal Fithri, Dede Nasrullah</i>	
Effectiveness of Cookies Produced from Moringa Oleifera Leaves in Haemoglobin Level in Students at Islamic Junior High School Miftahul Hayat, Serang, Banten	396
<i>Dewi Indah Sari, Afni Yulianti, Ninik Wahyuni</i>	
A Case Report on Regional Anaesthesia in Pregnant Women with Severe Pre-Eclampsia, Partial HELLP Syndrome, Fetal Distress, and Type II Diabetes Mellitus	397
<i>Rth. Suprptomo</i>	

Effectiveness of Consuming Decoction of Bay Leaves (<i>Syzygium polyanthum</i>) and Soursop Leaves (<i>Annona uricata</i>) on Reducing Uric Acid Levels in Elderly in Grobogan, Central Java <i>Dewi Rukmana, Purhadi, Wahyu Riniasih</i>	398
Relationship between Psychosocial Stressor and Asthma Control in Adult Asthma Patients at Depok Hospital, West Java <i>Hasnah Viviana, Asysyukriati, Erna Harfiani</i>	399
Relationship between Compliance to Surgery Safety Checklist and Incidents among Anesthesiology Nurses in Operation Theater, Royal Prima Hospital, Medan, North Sumatera <i>Wienaldi, Ermi Girsang, Sri Lestari Ramadhani Nasution</i>	400
The Role of Chloroquine and Hydroxychloroquine in Prophylaxis of COVID-19: A Systematic Review <i>Dewi Indra Sari, Mardiaty Nadjib</i>	401
Effect of Thymoquinone on Interleukin-8, FEV ₁ , And COPD Assessment Test Score in Stable Chronic Obstructive Lung Disease <i>Yusup Subagio Sutanto, Levana Kasumadewi, Suradi, Ana Rima Setijadi, Hendra Kurniawan</i>	402
Effect of Chayote (<i>Sechium edule</i> Jacq. Swartz) Extract on Level of Interleukin-8 in Wistar Rats with Aspirin-Induced Gastritis <i>Hendrika Andriana Silitonga, Gontar Alamsyah Siregar, Rosita Juwita Sembiring, Marline Nainggolan</i>	403
Nutritional, Physical, Psychosocial, and Commorbid Disease Affecting Quality of Life in Knee Osteoarthritis Patients at William Booth Hospital, Semarang <i>Hari Peni Julianti, Dea Amarilisa Adespin, Trilaksana Nugroho, Nur Laelatul Rasyidin</i>	404
Effect of Aloe Vera Drink on Intensity of Dysmenorrhea in Students, Tangerang, Banten <i>Solihati, Nuraliyah Sugianti</i>	405
The Effectiveness of Goat Milk to Increase The Quantity of Breast Milk among Lactation Women: Randomized Controlled Trial Evidence <i>Prita Alvina Reviana, Yulia Lanti Retno Dewi, Vitri Widyaningsih</i>	406
Factors Affecting The Quality of Life In Patients with Type 2 Diabetes Mellitus in Surakarta, Central Java <i>Devi Marlina, Didik Gunawan Tamtomo, RB. Soemanto</i>	407
The Effect of Hyperuricemia Herbs Drink on The Quality of Life	408

Agus Triyono, Widhi Astana, Fajar Novianto, Zuraida Zulkarnain, Ulfa Fitriani, Ulfatun Nissa, Danang Ardianto

Hypnosis and Sexual Arousal: A Meta-Analysis <i>Ratna Dewi Kumalasari, Didik Gunawan Tamtomo, Hanung Prasetya</i>	409
Meta Analysis: The Effect of High-Intensity Interval Training on Low Density Lipoprotein Level in Patients with Type 2 Diabetes Melitus <i>Sela Putri Adelita, Eti Poncorini Pamungkasari, Bhisma Murti</i>	410
Acupuncture Therapy in Reducing Pain in Patients with Low Back Pain: Meta Analysis <i>Elisa Novitasari, RB. Soemanto, Hanung Prasetya</i>	411
A Meta-Analysis of Knee Orthosis Uptake in Reducing Pain in Patients with Knee Osteoarthritis <i>Atika Febri Anggriani, Agus Kristiyanto, Setyo Sri Rahardjo</i>	412
Lateral Wedge Insole Uptake in Reducing Pain in Patients with Knee Osteoarthritis: A Meta-Analysis Study <i>Muhibbah Fatati, Setyo Sri Rahardjo, Hanung Prasetya</i>	413
Meta Analysis: The Effect of Type 2 Diabetes Mellitus in Stroke <i>Dody Suprayogi, Agus Kristiyanto, Hanung Prasetya</i>	414
A Meta-Analysis on The Effectiveness of Prenatal Yoga in Reducing Cortisol Hormone in Pregnancy <i>Shiva Aflahiyah, Didik Gunawan Tamtomo, Hanung Prasetya</i>	415
The Effects of Ferric Carboxymaltose Versus Iron Sucrose on The Ferritin Level in Pregnant Women with Anemia: A Meta-Analysis <i>Astika Candra Nirwana, Yulia Lanti Retno Dewi, Bhisma Murti</i>	416
The Effect of Insulin Provision on The Risk Reduction of Type 2 Diabetes Mellitus: Meta-Analysis <i>Dian Dini Islami, Didik Gunawan Tamtomo, Hanung Prasetya</i>	417
Obesity and Gastroesophageal Reflux Disease: A Meta-Analysis Study in Asia and America <i>Alfiani Vivi Sutanto, Pawito, Hanung Prasetyo</i>	418
Meta-Analysis of The Effect of Probiotics on The Frequency and Duration of Diarrhea in Children Under Five	419

Wahyu Agustin Dwi Ciptaningtyas, Bhisma Murti, Setyo Sri Rahardjo

The Effectiveness of Acupuncture in Reducing Musculoskeletal Pain: A Meta-Analysis <i>Kurnia Eka Putri, Bhisma Murti, Hanung Prasetya</i>	420
Meta-Analysis: Acupuncture Therapy in Reducing Blood Pressure on Hypertensive Patients <i>Fahmi Eko Susilo, Hanung Prasetya, Agus Kristiyanto</i>	421
Family History with Diabetes Mellitus and The Gestational Diabetes Mellitus: Meta-Analysis <i>Ummu Fatihah Ammutammima, Didik Gunawan Tamtomo, Bhisma Murti</i>	422
Effect of Family History with Diabetes Mellitus on The Risk of Gestational Diabetes Mellitus: A Meta-Analysis <i>Galuh Sitorukmi, Bhisma Murti, Yulia Lanti Retno Dewi</i>	423
Effect of Obesity and Family History on The Risk of Breast Cancer: Meta Analysis <i>Enge Surabina Ketaren, Bhisma Murti, Vitri widyaningsih</i>	424
Meta-Analysis: The Effect of Diabetes Mellitus Comorbidity on The Severity in Patients with COVID-19 Infection <i>Utin Ilma Agni Kun'ain, Setyo Sri Rahardjo, Didik Gunawan Tamtomo</i>	425
The Effect Echinacea Purpurea Herbs in Reducing Symptoms of Upper Respiratory Infection: A Meta-Analysis <i>Riska Fajar Fatony, Didik Gunawan Tamtomo, Hanung Prasetya</i>	426
Effect of Drumstick (<i>Moringa oleifera lam</i>) Leave Ethanol Extract on Anopheles aconitus L. third Instar Larvae Mortality <i>Yuzana Maung, Sutartinah Sri Handayani, Lukman Aryoseto</i>	427
Effect of Kinesiology Taping in Reducing Pain in Patients with Low Back Pain: A Meta Analysis <i>Cahyo Setiawan, Didik Gunawan Tamtomo, Hanung Prasetya</i>	428

COMMUNITY HEALTH CENTER RESILIENCE IN DISASTER MANAGEMENT: A NARRATIVE REVIEW

Ani Sutriningsih^{1,2)}, Chatarina Umbul Wahyuni³⁾, Setya Haksama⁴⁾

¹⁾ Faculty of Health Sciences, Universitas Tribhuwana Tungadewi Malang

²⁾ Doctoral Program, Faculty of Public Health, Universitas Airlangga, Surabaya

³⁾ Department of Epidemiology, Faculty of Public Health, Universitas Airlangga, Surabaya

⁴⁾ Department of Health Administration and Policy, Faculty of Public Health,
Universitas Airlangga, Surabaya

ABSTRACT

Background: Indonesia's disaster management context uses a system called Pentahelix, which is defined as a more optimal framework for activities and jobs. The community health center is the front line that plays a significant role in the preparedness and management of disaster victims. The aim of this study is to review the resilience of disaster management in community health center.

Subjects and Methods: This was a narrative review. Sources of data in this study come from articles obtained through PubMed, Science Direct, and Scopus databases. The keywords used were “disaster” OR “emergency” AND “resilience” AND “hospital” OR “healthcare” OR “health care”. The inclusion criteria consisted of: (1) articles published in English; (2) research or review articles; (3) publication from 2014-2019.

Results: Based on the available articles, it was found that the resilience of public health centers was generally identified in 5 aspects, namely physical toughness, social resilience, institutional toughness, infrastructure resilience, and vulnerability.

Conclusion: Community health center resilience is needed to ensure that community health center will be resilient, safe and will continue to operate in the event of an emergency or disaster.

Keywords: resilience, community health center, disaster

Correspondence:

Ani Sutriningsih. Faculty of Health Sciences, Universitas Tribhuwana Tungadewi Malang/
Doctoral Program, Faculty of Public Health, Universitas Airlangga, Surabaya. Email:
ani.sutriningsih-2018@unair.ac.id