ISSN: 2598-3881

Proceeding of International Conference and Workshop on Health

PROCEEDING BOOK OF

THE 4TH INTERNATIONAL CONFERENCE ON FOOD, NUTRITION AND HEALTH

"Multi Approaches on Cancer & Geriatric Care"

September 14 and 15, 2021 Place : Politeknik Kesehatan Kemenkes Malang Ijen Street 77 C Malang

Publisher: Politeknik Kesehatan Kemenkes Malang

PROCEEDING BOOK OF THE 4TH INTERNATIONAL CONFERENCE ON FOOD, NUTRITION AND HEALTH "MULTI APPROACHES ON CANCER & GERIATRIC CARE"

Organized By:

Politeknik Kesehatan Kemenkes Malang

In Collaboration with:

S & J Perusahaan International Universitas Putra Malaysia Universitas Tokushima Universitas Brunei Darussalam Universitas MAHSA

Steering Committee

Budi Susatia, S.Kp, M.Kes (Director Politeknik Kesehatan Kemenkes Malang)
Dr. Moh. Wildan, A.Per.Pen, M.Pd (1st Vice Director)
Bernadus Rudy Sunindya, MPH (2nd Vice Director)
Dr. Ganif Djuwadi, SST, S.Pd, M.Kes (3rd Vice Director)
Setyo Harsoyo, SKM., M.Kes (Head of Academic and General Affairs)

Organizing Committee:

Chairman : Dr. Nur Rahman, STP, MP

(Head of Center of Excellent, Politeknik Kesehatan

Kemenkes Malang)

Secretary : Ola Ismi lasha, S.Tr. Gz.

Hilfina Amaris Ghaissani, A.Md.Kom

Treasurer : Elvira Amalia Azmi, A.Md

Event Division : Dr. Farida Halis DK, S.Kp, M.Pd (Chair)

Ibnu Fajar, SKM., M.Kes

Tiana Rachmadita, A.Md.Kep

Auridsa Nihlahani, S.ST

Editor Division : Wahyu Setyaningsih, S.ST, M.Kes (Chair)

Edy Suyanto, S.ST, MPH Prima Soultoni Akbar, Mkes

Scientific Division : Kissa Bahari, S.Kep.Ns, M.Kep (Chairr)

Eka Wulandari, S.Pd., M.Pd Hening Ryan Aryani, SST., M.Keb

Anak Agung Istri Citra Dewiyani, S.K.M, MARS

Ika Yudianti, S.ST, M.Keb

Poster Section : Avid Wijaya, SST, MKM (Chair)

Dea Allan Karunia Sakti, S.Tr.RMIK

Reviewer : Dr. Nurul Pujiastuti, S.Kep.Ns, M.Kes (Chair)

Theresia Puspita, STP, MP Dr. Ir. Endang Sutjiati, M.Kes

Sugeng Iwan Setyobudi, STP, M.Kes

Rany Adelina, S.Gz., M.S.

Dr. Ekowati Retnaningtyas, S.Kep, M.Kes Dr. Erlina Suci Astuti, S.Kep, Ns, M.Kep

Dr. Siti Asiyah, S.Kep.Ns, M.Kes

Dr. Wiwin Martiningsih, S.Kep, Ns, M.Kep, PhD

Hurun Ain, S.Kep.Ns., M.Kep

Dr. Heny Astutik, S.Kep.Ners, M.Kes

Tarsikah, S.Si.T, M.Keb

Dr. Finta Isti Kundarti, S.SiT, M.Keb

Wandi, S.Kep.Ners, M.Pd Ngesti W. Utami, S.Kp, M.Pd Jupriyono, S.Kp. M.Kes

Drs. Moh Zainol Rachman, S.ST, M.Kes

IT Division : Anugraheny Fitri N, S.T (Chair)

Publisher:

Politeknik Kesehatan Kemenkes Malang, State Health Polytechnic of Malang

Editorial Staff:

ljen Boulevard 77 C Malang Telp./Fax. (+62) 341556075 email: hkipolkesma@gmail.com

1st Publication on January 2022Copyright © 2022. All rights reserved

PREFACE



Budi Susatia, S.Kp, M.Kes Director of Politeknik Kesehatan Kemenkes Malang

Assalamualaikum warahmatullahi wabarakatuh, everyone!

First of all, I would like to greet dr. Kirana Pritasari, MQIH as a Head of the Indonesian Health Human Resources Development and Empowerment Agency. Also to the honorable our Expert Speakers from Malaysia, Thailand, Jepang, Indonesia, Brunai Darussalam, and from Poltekkes Bandung, Tasikmalaya, Jogyakarta and also Malang who are very impressive today. Also to all of audiences at zoom meeting today who can't wait to get knowledge and many ideas from our speakers.

In this year and still with the Covid-19 pandemic, there are many models of seminars or conferences that have been changed from offline to online. Just like what we did today, we meet virtually at the 4th International Conference on Food, Nutrition, and Health. This is a real evidence for us that even though we are still in a pandemic, we are still productive and not tired of keep learning.

With 4th International Conference on Food, Nutrition, and Health that going on today, I hope this will bring a lot of benefits to all the audiences. This is also a very good opportunity for all of us to build or establish our international relations, collaborations, and partnerships.

Thank you for the time to me. And once again, thank you to our international partners, lecturer and students from Politeknik Kesehatan Kemenkes Malang who made this conference happen.

On behalf of Health Polytechnic of Malang, I welcome all the speakers, participants, and guests to this forum. I wish you all an inspiring and a productive conference.

Thank you. Wassalamualikum warahmatullahi wabarakatuh.

TABLE OF CONTENTS

	Page
Cover	i
Preface	iv
Table of Contents	V
SPEAKER	1
ORAL PRESENTATION	24
NUTRITION & GENERAL HEALTH	25
M.Suandika, W.R.Tang, F.G Parahita U. Wirastri, W.E.Kurniawan: The	
Effect Tomato Juice to Decrease Cholesterol Levels on People with	
Hypertension	25
Risti K. Dewi, Deni Elnovriza, Firdaus Firdaus, Salsabil Naqiyyah, Sheisvi N.	
Putri: The Correlation Between Household Coping Mechanism Level and	
Dietary Quality of Children Under Five in Padang City During Covid-19	
Pandemic	26
Rine Dhenok Ardianti, Harsono Salimo, Risya Cilmiaty: The Relationship of	
Family Dietary Diversity with Nutritional Status in Preschool Age Children	
in Panti Distric	27
Novanti Afifah, Adi Magna Patriadi Nuhriawangsa, Eti Poncorini	
Pamungkasari: The Relationship between Macronutrient Intake and	
Exclusive Breastfeeding in Diarrhea Preschool Children	28
Iskari Ngadiarti, Muntikah, Indah Ratnasari: The Impact of Covid-19 on	
Nutritional Status, Risk of Malnutrition and Nutritional Intake Among	
Nursing Home Residents and Community-Dwelling Elderly	29

Risky Rindu Albajuri, Nurhamidi: The Correlation of Breastfeeding and	
Parenting with Early Childhood's Emotional Development	30
Nur Chabibah, Milatun Khanifah, Pujiati Setyaningsih: The Effectiveness	
Fortification of Moringa Oliefera Powder in Soybean Milk to Increasing	
Toddler Nutrition Status	31
Winnie-Pui-Pui Liew, Mohd-Redzwan Sabran, Leslie Than Thian Lung,	
Fauzah Abd Ghani: Metagenomic Approach for Understanding	
Probiotic-Aflatoxin Interaction in The Gut	32
Rina Doriana Pasaribu, Evawany Aritonang, Ety Sudaryati, Fikarwin	
Zuska: Preconception Women's Diet During the Covid-19 Pandemic:	
Phenomenological Study	33
Nindya Tresna Wiwitan, Nur Rahman, Annasari Mustafa: The Effect of Ice	
Cream and Takokak Tea (Solanum Torvum Swartz) Toward Erythrocyte	
Sedimentation Rate of Wistar Rat that Induced Dietylnitrosamin	34
Cucuk Suprihartini, Enggar Anggraeni, Anggraini Hilda Contheza: The	
Effect of Instant Tiwul Flour Addition on Acceptance and Water Content	
of Coasted Green Beans (Vigna) Riadata L)	35
Alfa Laili Rohmatin, Nur Rahman, Annasari Mustafa: The Effect of	
Takokak Tea and Ice Cream Toward Total Protein Levels of Male Wistar	
Rat With Den Induction	36
AAi Citra Dewiyani, Amadea Putri Wulandari: The Correlation between	
Income and Participation of JKN in Wlingi, Blitar	37
NURSING	38
Wiwit Arif Hidayat, Adiratna Sekar Siwi, Made Suandika, Woung Ru Tang,	
Ji-Sheng Fang: The Relationship of Social Support with Self Acceptance	
in Chronic Kidney Failure Patients Undergoing Hemodialysis at Dadi	
Keluaraa Hospital, Purwokerto	38

Anisa Vira Rahmayanti, Wiwiek Retti Andriani: Literature Study of Nursing	
Care for Non-Hemorrhagic Stroke Clients with Risk for Impaired Skin	
Integrity	39
Nabela Sely Astuti: Literature Study of Nursing Care for Febrile Convulsion	
Clients with Hypertermia Problems	40
Suci Rachmatul Khoir: Literature Study of Nursing Care for Low Birth Weiht	
Infant with Hypothermia	41
Alif Farida Wijayanti: Literatur Review of Nursing Care for Non	
Hemorrhagic Stroke Patients with Swallowing Disorders	42
Hiqmah Septi Wulan Sari: Literature Review of Nursing Care of Diabetic	
Foot Ulcer (DFU) Patients with Physical Mobility Disorders	43
Putri Retno Wulan: Literature Study of Nursing Care on Post-Operative	
Orif (Open Reduction Internal Fixation) Patients of Tibia Fibula Fracture	
with Acute Pain Problem	44
Ericha Diah Pitaloka: Literature Review of Nursing Care For Type 2	
Diabetes Mellitus (T2DM) Clients with Unstable Blood Glucose Level	45
Ludfi Murtadha Safiq: Literature Study of Type 2 Diabetes Mellitus (T2DM)	
Clients with Nutritional Deficit	46
Hurun Ain: Literature Study Of Type 2 Diabetes Mellitus Clients with	
Nutritional Deficit Stunting Prevention Behavior Using Dynamic Self	
Determination of Self Care and Positive Deviance Models	47
Marsaid: Blood Pressure with Stroke Type in Stroke Patients at the General	
Hospital of Bangil Pasuruan	48
Retno Puji Hastuti; Nursing Care of Cancer Patients With a Family	
Approach	49
Arief Bachtiar: The Model of Spiritual Caring in Nursing	50
Wiwiek Retti Andriani, Langgeng Cahyono: ECG Pattern of Acs Patient	
After Inpatient Phase of Physical Rehabilitation	51

Tavip Dwi Wahyuni, Lenni Saragih, Nisrina Fauziah: Effectiveness of Finger	
Hold Relaxation and Progressive Muscle Relaxation in the Level of Pain	
of Patients Post Laparatomy Surgery with General Anesthesia at	
Regional Hospital Mardi Waluyo, Blitar.	52
Fiashriel Lundy, Farida Halis, Pudji Suryani: The Development of E-Module	
Education Applications in Prevention of Type Ii Diabetes Mellitus (DMT II)	
in Youth in the Pandemic Covid-19 in Mojolangu Malang	53
MIDWIFERY	54
Intan A. Rahayu, Ika Yudianti: Fetal Movement Count with Sardovsky's	
and Fetal Heart Rate in Late Pregnancy	54
Mega Eka Puspita, Suprapti, Ari Kusmiwiyati: Literature Study of Overview	
of Ante Natal Care Implementation in Indonesia	55
Wendy Dias Krisna Putri, Heny Astutik, Budi Suharno: An Overview of	
Health Seeking Behavior in Adolescents in an Effort to Improve	
Reproductive Health	56
Arika Indah Setyarini, Ririn Indriani: Effect of Phytoestrogens on Oxidative	
Stress in Experimental Animal Organs Under Hypoestrogen Condition : A	
Meta-Analysis	57
Ida Susila, Faiqotul Himmah: Melasma Incident Relationship on	
Prolonged Use of Birth Control Pills	58
Sri Wahyuni, Ni Wayan Dan Ekayanthi, Fauzia: Improving Exclusive	
Breeding Education Capabilities and Skills as a Community	
Empowerment Effort	59
Tarsikah, Lisa P. Wulandari, Nabila Ayu Oktaviani: The Survey of	
Preconception Digital Education Media Needs	60
Annisa' Wigati Rozifa, Irma Maya Puspita, A'im Matun Nadhiroh:	
Correlation Between the Level of Anxiety and Menstrual Cycle during	
Covid-19 Pandemic in Female Adolescents	61

Qothrun Nadaa Hibatulloh, Dwi Estuning Rahayu, Rahajeng Siti Nur
Rahmawati: The Effectivity of Acupressure Therapy to Relieve Labor Pain
During the Active Phase of the First Stage
Novea Putri Briliant, Rahajeng Siti Nur Rahmawati, Mika Mediawati: The
Effectiveness of Progressive Muscle Relaxation to Reduce Pregnant
Mother's Anxiety
Kartini, Fatmawati, Halijah, Titi Purnama, Arsulfa, Melania Asi: The Effect
of Giving Cookies Based on Long Leaves and Tuna Fish Bone Food on
Serum Levels of Erithropoietin In Women of Reliable Age with Anemia in
Kendari City
Arsulfa, Kartini, Melania Asi: Assistance of Low Birth Weight Baby Care at
Home with Low Birth Weight Increase in Kendari City
Melania Asi, Askrening, Arsulfa, Kartini: The Effect of Combination of
Deep Relaxation Techniques and Five Finger Imagination Distraction
Techniques on Reducing Maternal Anxiety and Fetal Stress in Kendari
City
POSTER PRESENTATION
Annisa A. Rachmayanti, Claudia D. Kliranayungie, Zahrina T. Wahidin,
Firlianita Ahdiyanti: A Case Study: Nutrition Care for ALS (Amyotrophic
Lateral Sclerosis) Patient with Malnutrition in Dr. Cipto Mangunkusumo
General Hospital Jakarta
Z.X. Chen, A.Z. Zalina: Prevalence of Malnutrition and Its Associated
Factors Among Gynecological Cancer Patients in Institut Kanser
Negara, Putrajaya, Malaysia
Nisa Shabrinafi Amalia, Erni Dwi Widyana, Susanti Pratamaningtyas: The
Effect of Yoga on Menstrual Pain in Adolescent
Ibnu Fajar, Nur Rahman, Nauval Falah Akbar: Method of Determining

Firman Dwi Canyo, Ema Hikman, Endang Suartini: The Effect of	
Counseling on Mother's Knowledge and Attitude About Low Birth Weight	
Baby Care	72
Eki Aditya, Nurul Pujiastuti: Literature Review: The Relationship between	
Exclusive Breastfeeding and Infant Growth	73
Avid Wijaya: Design and Build Applications for Nutrition Medical Records	
in Health Services	74
Nurul Pujiastuti: Literature Review: The Effect of Consumption Mung	
Beans, Papaya and Katuk Leaves on Breast Milk Production	75
Nury Wahyu Madany, Arief Bachtiar, Nurul Pujiastuti: Literature Review:	
Correlation Between Low Birth Weight (LBW) Infant and Asphyxia	
Neonatorum	76
Siti Rossika Dewi, Nurul Pujiastuti: Literature Review: The Influence of	
Mother's Behavior in Exclusive Breastfeeding on Optimizing Child Growth	
and Development	77
Titin Hidayatul Nuraini, Nurul Pujiastuti: Literature Review: The Effect of	
Exclusive and Partial Breast Milk on Infant Nutritional Status	78
Roni Nurdianto, Theresia Puspita, Sulistiastutik: White Oyster Mushroom	
(Pleurotus Ostreatus) and Yellow Pumpkin (Cucurbita Muschata) Flour as	
Ingredients for High Carotene Wet Noodles	79
Amih Maulida, Riska Yudhistia Asworo, Sandry Kesuma: Development	
Colorimetric Digital Imaging Method Based on Fast Detection	
Hydroquinone Use Extract Cabbage Purple (Brassica Oleraceae Var.	
Capitate L.)	80
Wahyu Setyaningsih: The Development of "Growth Easy Box" as a Simple	
Growth and Development Detection Media	81
Syarminie S, Mohd Redzwan S.: Aflatoxin B1 Exposure and its Relation to	
Fecal Bacterial Profile and the Progression of Anhedonic-Like Behaviour	
in Rats	82

Grinda Alodia Falah, Nurul Pujiastuti: Literature Review: The Ettect of	
Mother's Knowledge about Breast Milk on Breastfeeding Behavior	83
Nurhamidi, Fathurrahman: The Development of Tofu Product Made from	
Ketapang Seeds and Soybeans in Reducting Cholestrol Levels	84
Sugianto Hadi: Nyidamsari Folk-song as a Vehicle for Delivering	
Messages in Improving Community Behavior to DHF Prevention in	
Malang	85
Muhammad Bagus Eka, Hanandayu Widwiastuti: Analysis of	
Microplastics in Refill Drinking Water Sold in Klojen District, Malang City	86
Supono, Sulastyawati: Fluid Restriction and Consumption Xylitol Free	
Sugar Gum to Decrease Blood Pressure and Interdialytic Weight Gain	
Pre Hemodialysis Patients with End Stage Renal Disease	87
Leny Budhi Harti, Adelya Desi Kurniawati, Fuadiyah Nila Kurniasari: The	
Effect of Spray Dried of Blenderized Enteral Formula on the Fat Profile	88
A. Ermamilia, N. F. Setyaningrum, A. N. Haniyyah: Dietary Knowledge	
Among Families of Paediatric Cancer Patients at Dr. Sardjito Hospital	89
Rita Yulifah, Retno Diyah Puspita, Cantika Briliana: Potential of Kentos	
(Houstorium) as an Alternative to Economical Vegetable Formula Milk in	
Indonesia	90
Feling Polwandari: Adolescents and Their Nutrition Needs	91
Nurul 'Aqilah HA, Zalina AZ: Assessing Malnutrition Status Among Pre-	
Operative Surgical Patient in Public Hospital	92
Sri Winarni, Arsinah Habibah Fitriah, Annasari Mustafa, Ramli: Making	
Local Avocado (Persea americana) Oil with Autoclave Rendering	
Method as an Alternative for Hyperlipidemia Prevention	93