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BOOK OF ABSTRACT

“Strengthening Health System and Innovations
To Improve Population Health”

The 5th Asia-Pacific Partnership on Health and Nutrition Improvement Conference

2023
APHNI
CONFERENCE

October 25th, 2023

The Rich Jogja Hotel

Daerah Istimewa Yogyakarta (DIY)-Indonesia

 <https://aphni.almaata.ac.id/>

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The 5th Asia-Pacific
Partnership on Health
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Welcome Letter from Conference Chair

Assalamualaikum warahmatullahi wa barakatuh.

On behalf of the APHNI Committee, I welcome you to the 5th Asia-Pacific Partnership on Health and Nutrition Improvement (APHNI), held from 25th October 2023 in Yogyakarta, Indonesia. The APHNI is an annual conference organized by the Faculty of Health Sciences at Alma Ata University, Yogyakarta. The APHNI has been held since 2019.

This conference will provide an interactive international forum for sharing and exchanging information on the latest research on Health and nutrition and related sciences, to enhance the capacities for creating innovative systems, to contribute to the formulation of global strategies in advancing health systems as well as developing policy initiatives in the community, to stimulate future collaborations among industries, researchers, governments and other stakeholders who apply science for better live. The speakers and participants of the 5th APHNI are up to 60 coming from various countries from Indonesia, Malaysia, Thailand, and Taiwan.

I would like to take this opportunity to thank you for the endeavor of the committee from the Faculty of Health Sciences – Alma Ata University. In addition, the conference committee acknowledges the technical and financial support from Alma Ata University.

I hope you can enjoy this conference, and I encourage you to engage with those wh are presenting their works as oral presentations. Should you have extra time, I hope you can extend your stay and enjoy the exotic of Yogyakarta.

Thank you for your participation,

Sofyan Indrayana, S.Kep., Ns., MS.
The Chair of 5th APHNI Conference

Welcome Letter from Dean of the Faculty of Health Sciences, Alma Ata University

Assalamualaikum warahmatullahi wa barakatuh.

Ladies and gentlemen, esteemed colleagues, and distinguished guests,

It is with great pleasure and anticipation that we gather here today for the 5th Asia-Pacific Partnership on Health and Nutrition Improvement (APHNI) under the insightful theme of “Strengthening Health System and Innovations to Improve Population Health”. This year, the 5th APHNI is hosted by the Faculty of Health Sciences, and this conference serves as a beacon of intellectual exchange and innovation in the field of chemistry.

In today’s dynamic landscape, characterized by Volatility, Uncertainty, Complexity, and Ambiguity (VUCA), the role of chemistry in shaping a sustainable future is more vital than ever. Our collective pursuit of knowledge and advancements in the field of health sciences holds the potential to redefine industries, reshape ecosystems, and promote responsible stewardship of our planet’s resources.

This conference stands as a testament to the commitment of all participating institutions to address pressing global challenges through the lens of chemistry. The presentations and discussions that unfold throughout the day will undoubtedly inspire new ideas, collaborations, and solutions that contribute to a more sustainable world.

As we embark on this intellectual journey, let us remain open to diverse perspectives, engage in rigorous debate, and forge connections that transcend borders and disciplines. May the insight gained during the conference deepen our understanding of health science’s role in sustainable development and empower us to catalyze positive change within our societies.

I extend my heartfelt gratitude to the organizers, speakers, and attendees who have come together to make this event a reality. Let us embrace the spirit of collaboration and exploration as we navigate the fascinating intersections of health sciences.

Thank you, and let the 5th APHNI commence.

Dr. Yhona Paratmanitya, S.Gz., MPH., RD.
Dean of Faculty of Health Sciences, Alma Ata University

Table of Contents

Welcome Letter from Conference Chair	i
Welcome Letter from Dean of the Faculty of Health Sciences, Alma Ata University.....	ii
Table of Contents	iii
Conference Program	vii
Parallel Presentation Schedule.....	ix
Presentation Guideline	xxiv
Abstract of Participants	1
The Effect of Work Experience on Nurse Performance in Providing Nursing Care	2
Effectiveness of Education Packages (Edukersa) to Increase Readiness for Exclusive Breastfeeding in Prenatal Mothers: <i>Precede-Proceed Models</i>	3
The effect of gelatin on the texture profile and the content of water, ash, and protein of porang (<i>amorphophallus oncophyllus</i>) based jelly candy	4
Irritation Test and Dermal Acute Toxicity For Gel Formulation of Cinnamon Oil and Red Betel Leaf	5
The Relationship of Providing Stimulation to the Development of Infants Aged 6-12 Months.....	6
Changes in Body Weight and Perception of Healthy Lifestyles During Social Restrictions in the COVID-19 Pandemic in Indonesian Adults.	7
Anthropometric knowledge and measurement evaluation among female volunteer community health workers in Depok	8
The Factors Related to the Utilization of Youth Care Health Service (YCHS) by Adolescents Aged 15-19 Years of Topoyo Public Health Care (PHC) Central Mamuju Regency, West Sulawesi Province	9
The Relationship of Facilities Conditions with The Willing to Use Electronic Medical Records at Puskesmas Sidomulyo, Samarinda City	10
Physical Activity Level of Rural Adolescents: Based On Socio-Demographic Factors and Their Relationship with Nutritional Status	11

Factors Related to the Radiodermatitis of Patients with Breast Cancer in Dharmas Cancer Hospital..... 12

Health-related quality of life of pregnant and lactating women and its socio-demographic and perceived psychological distress determinants 13

Factors Influencing Implementation of Antibiotic De-Escalation in Critically Ill Patients at Panembahan Senopati General Hospital 14

Exclusive Breastfeeding Practices Among Women in Kei Besar Island: A Descriptive Study 15

“Diabetes Risk Calculator Mobile Application (DiaCal)” 16

Smartphone Application-based Education: Development and Usability Testing 16

The Effect of Porang (*Amorphophallus Oncophyllus*) Macerated With Ethanolic Extracts of *Strobilanthes Crispus* on The Growth of Metacarpal Bone of Fetus Rats (Sprague Dawley) in the Teratogenic Study 17

The Effect of Breast Massage with Breastfeeding and Baby Nutritional Status 18

Utilization of *Mimosa pudica* L. in Indonesian Traditional Medicine 19

The Relationship of Knowledge about Iron Supplements with Haemoglobin Levels in Trimester II and III among Pregnant Women in Pajangan Subdistrict..... 20

The Relationship Of Characteristics With Knowledge Among Pregnant Women About Breastfeeding And Complementary Feedings In The Stunting Focus Location Area Of Pajangan District 21

Complementary feeding practice by maternal employment status during COVID-19 pandemic 22

The Effectiveness of the Training for Trainers (TfT) Method for Facilitators in Preparing to Form First Aid Cadres 23

The Effect of Marriage Age Maturity Education E-Module on Self Efficacy Youth Cadres in Conducting Education in PIK-R, Bantul District 24

The vitamin D status during third-trimester pregnancy was associated with pregnancy outcomes: a multi-ethnic cohort study among pregnant women in Indonesia and Malaysia..... 25

Android-Based Health Promotion Influences Motivation 26

Pregnant Women Take Iron Tablets in Bantul	26
Maternal factors in stunting children aged 0-60 month: Scoping Review	27
Standardization Specific and Non-Specific Parameters of Sembung Rambat Leaf Ethanol Extract (<i>Mikania micrantha</i>)	28
Gardening-Cooking Based Intervention for Improving Fruit and Vegetables Intake in Preschool Childen	29
Factor Associated with Zinc Intake Among Children Aged 6-11 Month Old in Sambas District, West Kalimantan	30
The Effects of Telehealth and Robotic Intervention in Post-Stroke Patients: A Literature Review	31
Cost Effectiveness Analysis of Lowering Blood Glucose in DM Nephropathy Patients	32
Physical Properties, Acceptability, and Nutritional Content of Dumbo Catfish Nuggets	33
Changes in Knowledge of Mothers who have Stuting and Not Stuting Toddlers using Booklet, Calendar and Poster Media	34
A Case-Control Study on Risk Factors Associated with	35
Intentions in Preventing Low Birth Weight Babies in Indonesia.....	35
Self-Reported Hypoglycemia in Type 2 Diabetes Mellitus Patients Receiving Antidiabetic Medications in Sleman.....	36
Relationship between Sociodemographic Characteristics and the Readiness of Prospective Brides to Meet the Nutritional Adequacy of theFirst 1,000 Days of Life in Pajangan District	37
Comparisons between the Role of Working Mothers and Housewives in the Development of Children Aged 3-5 th Years in the Gamping I st Public Health Center Working Area	38
Factor Determinants Analysis of Anaemia Status Among Adolescent Girls in Cigalontang, Tasikmalaya.....	39
Correlation Between Physical Activity and Gestational Diabetes Mellitus in Primary Health Services (Puskesmas) Bantul District Yogyakarta.....	40
Comprehensive Midwifery Care for Pregnant Women with Preeclampsia at the Kasihan I Public Health Center, Bantul, Yogyakarta.....	41

Nutritional Status and Lipid Profile of Office Workers: A Formative Study in Jakarta..... 42

Diabetes Family Behavior Could Predict Dietary Adherence Among Older Adults with Type 2 Diabetes Mellitus: A cross-sectional predictive study..... 43

Characteristics of Mothers Who Have LBW Regarding Readiness to Carry Out Kangaroo Method Treatment at Hermina Hospital, Bekasi Region in 2023 44

Analyses of Antibiotic Use with Anatomical Therapeutic Chemical / Defined Daily Dose (ATC / DDD) and Drug Utilization 90% (DU90%) in Critically Ill Panembahan Senopati General Hospital..... 45

Health Promotion of Childbearing Age Women in Improving Reproductive Planning: a Global Scoping Review 46

The Relationship Between Knowledge and the Application of Health Protocols by Pharmacists During the Covid-19 Pandemic in Several Pharmacies in Bantul Regency..... 47

The Effectiveness of Vaginal Hygiene Health Education on the Knowledge and Attitudes of Adolescents in Bantul Health Vocational Schools..... 48

The Relationship Between the Length of Labor and The Incidence of Postpartum Hemorrhage Among Laboring Women in the Special Region of Yogyakarta Province..... 49

The Relationship Between Dialysis Adequacy and Nutritional Status of Haemodialysis Patients in RSUD Ibnu Sina Gresik..... 50

The Relationship of Characteristics with Knowledge Among Pregnant Women about Breastfeeding and Complementary Feedings in The Stunting Focus Location Area of Pajangan District..... 51

Relationship between Nutrition Knowledge, Attitudes, and Peers with Fast Food Consumption Patterns in Adolescents at SMAN 6 Depok 52

Teratogenic Effect of Porang (*Amorphophallus oncophyllus*) Macerated with *Strobilanthes crispus* Ethanolic Extract in Sprague Dawley Rats: Coccygeal Observation 53

Conference Program

Time)	Details
07.00 - 08.00	Registration for conference
08.00 - 08.20	Conference Grand Opening
08.20 - 08.35	Opening Speech (Prof. Dr. H. Hamam Hadi, MS., Sc.D., Sp. GK.)
08.35-08.40	Do'a
08.40 - 08.45	Bumpering Break
	Session 1: Maternal and Child Health and Nutrition
	MODERATOR 1 (Hastrin Hositanisita, S.Gz., M.Sc)
08.45-08.50	Moderator 1 introduction
	Prof. Joel Gittlesohn (Bloomberg School of Public Health, John Hopkins University, USA) "School-based and environmental intervention to reduce obesity"
09.10-09.30	Bumpering Break
	Prof. Dr. H Hamam Hadi, MS, Sc.D, Sp.GK. (Director of Center for Global Health, Alma Ata University, Indonesia) "Stunting prevention"
09.30-09.50	Bumpering Break
	Yinuo Wang, MS., PhD (Department of Food Science and Nutrition, Hong Kong Polytechnic University) "Cold adaptation to extend life and improve health"
09.50-10.10	Bumpering Break
	Assoc. Prof. Dr. Sopen Chunuan (Faculty of Nursing, Prince of Songkla University) "Midwifery support for coping strategies of adolescents during childbirth and motherhood"
10.10-10.25	Question and Answer 1
10.25-10.40	Coffee break
	Session 2: Geriatric Health and Nutrition
	MODERATOR 2 (Edi Sampurno Ridwan, BN.,MNurs, PhD.)
10.40-10.45	Moderator 2 introduction
	Dr. dr. Probosuseno, Sp.PD-KGER., SE., MM (RSUP Dr Sardjito) "The current innovations and needs in Elderly care"
11.05-11.25	Bumpering Break
	Prof Pei-Shan Tsai

Time)	Details
	(Taipei Medical University) "Secondary analysis of national survey data to identify determinants of health conditions in older adults: depression and sarcopenia"
11.25-11.45	Bumpering Break
	Prof Chan Yoke Mun (Universiti Putra Malaysia) "Management of Sarcopenia: Perspective of a Dietitian"
11.45-12.00	Question and answer 1
12.00-13.00	Break
13.00-16.00	Parallel Oral Presentation
	Session 3: Health Innovation
	Moderator 3 (M. Ischaq Nabil As Shiddiqi, S.Kep.,Ns.,M.N.S.)
13.00-13.05	Moderator 3 introduction
	Dr. Arif Sabta Aji, S.Gz. (Alma Ata Graduate School of Public Health, Universitas Alma Ata) "Analog Rice Innovation to Support Food Diversification Program"
13.25-13.45	Bumpering Break
	Prof. Asnawi Abdullah, BSc.PH, MHSM, MSc.HPPF, DLSHTM, PhD (Chairman of AIPTKMI) "Health policy on health innovations"
13.45-14.05	Bumpering Break
	Prof. Dr. Jamia Azdina Jamal (Faculty of Pharmacy, Universiti Kebangsaan Malaysia) "Drug innovations"
14.05-14.20	Question and Answer 3
14.20-14.35	Coffee break
16.00-17.00	"Best Presentation" Announcement
	Closing Remark

Health-related quality of life of pregnant and lactating women and its socio-demographic and perceived psychological distress determinants

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ABSTRACT

Background: Pregnancy and lactating periods are a women life cycle that requires adaptation both physically, psychologically, and socially and may impact their quality of life. Low quality of life during perinatal will increase maternal risk of psychological distress and psychotic condition.

Objective: to identify the associations between demographic, socio-economic, obstetric, and perceived psychological distress variables and health-related quality of life among pregnant and lactating women in Java Indonesia.

Methods: This study was an online cross-sectional study conducted in February-March 2022 to identify the quality of life in pregnant and lactating women and its determinants. The inclusion criteria for the study were: a) women of reproductive age (15-49 years) in Java, Indonesia, and b) currently pregnant at any trimester or lactating within the last two years. Data collection used a snowball sampling technique. Linear regression was conducted to determine the association between socio-demographic and perceived psychological distress and health-related quality of life. Perceived psychological distress was measured using the Depression Anxiety Stress Scale, and health-related quality of life was measured using the 36-Item Short Form Health Survey

Results: The total respondents in this study were 410 women, consisting of 249 pregnant and 161 lactating women. The overall mean score of quality of life between pregnant (65.63+13.74) and lactating women (66.95+15.36) had a slight difference and showed no significant differences. The highest sub-scale experienced by pregnant and lactating women was social function, and the lowest was the role limitation due to physical health. A multiple linear regression analysis revealed that a significant factors predicting quality of life among pregnant women included perceived anxiety, perceived depression, and occupation. While the significant factor predicting quality of life among lactating women included perceived stress, perceived anxiety, the length of breastfeeding, and ethnic group.

Conclusion: Maternal socio-demographic and their perceived psychological distress have predicted the health-related quality of life of both pregnant and lactating women. Strategic intervention to modify socio-demographic factor and lowering perceiver psychological distress may increase quality of life among pregnant and lactating women.

Keywords: quality of life, pregnant women, lactating women, socio-demographic, perceived psychological distress

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