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BOOK OF ABSTRACT

Padjajaran International Nursing Conference

Faculty of Nursing
Universitas Padjadjaran

From West Java to the World

Host of The 8th Padjadjaran International Nursing Conference



Faculty of Nursing
Universitas Padjadjaran

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BOOK OF ABSTRACT

**THE 8TH PADJADJARAN INTERNATIONAL NURSING
CONFERENCE 2022**

**"Sustainable Health and Well-being:
Fostering Collaborations for Mitigation
and Adaptation to The Climate
Changes"**

Wednesday to Friday, 13th-16th September 2022

HYBRID CONFERENCE

Publisher:

**Faculty of Nursing Universitas Padjadjaran
Jalan Raya Bandung - Sumedang Km 21
West Java Indonesia**

**THE 8TH PADJADJARAN INTERNATIONAL NURSING
CONFERENCE 2022**

**Sustainable Health and Well-being: Fostering Collaborations for
Mitigation and Adaptation to The Climate Changes**

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ISBN : 978-623-94908-8-1

First printed : September 2022

**Publisher: Faculty of Nursing Universitas Padjadjaran
Jalan Raya Bandung – Sumedang Km. 21
Jatinangor – Sumedang 45363
West Java Indonesia
Phone 022-7795596 Fax. 022-7795596**

WELCOME REMARKS
CHAIRPERSON OF THE 8th PADJADJARAN INTERNATIONAL NURSING
CONFERENCE 2022



Bismillahirrahmanirrahim,
Assalamualaikum Wr.Wb

Good morning, ladies and gentlemen, fellow speakers, and good morning to our audience joining us offline and online from national and international. First, may I thank each of our speakers, co-hosts, and national and international collaborator institutions for participating in this special event – the quality and calibre of speakers this year are outstanding. This is the first year that we are holding our biennial event in a hybrid format, with small numbers of audience physically in the room.

Ladies and gentlemen,

Climate change has become an important topic discussed in many disciplines since it impacts many people worldwide. Mitigation and adaptation to respond the climate change is a mandatory agenda, particularly in healthcare sectors. Thus, transforming the current healthcare into better services and systems is urged to achieve sustainable health and well-being. Strong efforts are therefore needed to enhance people's quality of life from early diagnosis until the end of their life.

As we come together today, with the theme of "Sustainable Health and Well-being: Fostering Collaborations for Mitigation and Adaptation to The Climate Changes" The conference has several aims which are FIRST: to disseminate the current issues on global health and its relationships with climate change, SECOND to improve the

awareness of professionals and LASTLY, to improve awareness of the public regarding the importance of collaboration and innovation to mitigate and adapt to the climate changes.

Our expectations through this conference are clear. We want to progress our current situation from uncertainties to better circumstances. It is now time for health professionals to foster a stronger collaboration with other professions and demonstrate that they are fully resolvable. There is much to do over the coming years, particularly as we get closer to the milestone of a full recovery from the pandemic by next year's agenda.

Ladies and gentlemen,

Again, let me thank our wonderful speakers from domestic and overseas universities for giving their valuable time and insights over the several days. Special thanks are given to the American Holistic Nurses Association (AHNA) and Journal of Holistic Nursing (JHN), Revista Brasileira de Enfermagem (REBEn), as well as other publishing counterparts for giving us a chance to collaborate in spreading our local knowledge and wisdom to the world. This year we have a collaboration with international journals indexed by Scopus to publish in the special issues or supplement issues related to the conference theme.

We also thank Universitas Pelita Harapan and Universitas Aisyiah Bandung for being our important co-hosts in delivering this conference. Finally, I would thank all support from the 8th Padjadjaran International Nursing Conference committee members for their hard work and perseverance in preparing for this conference. And I hope all of you enjoy the conference and gain fruitful discussions to develop personal, professional, organisational, and environmental aspects.

I wholeheartedly welcome all of you to the 8th Padjadjaran International Nursing Conference 2022 and welcome you to Bandung, the Paris city on Java Island.

Wassalamualaikum Wr. Wb.

Chairperson

Hana Rizmadewi Agustina, S.Kp., MN., PhD

WELCOME REMARKS

RECTOR OF UNIVERSITAS PADJADJARAN



Honorable chief guest, respected dean, all distinguished speakers & all our other guests. It is a pleasure to welcome you to the 8th Padjadjaran International Nursing Conference, Universitas Padjadjaran.

I wholeheartedly welcome all the delegates across the country. We are fortunate enough to get supported by a group of sponsors and co-hosts with whom we will interact during the conference. As we all know, we are currently facing a new era after we struggle with the recent pandemic. The current situation shows demand for advancing collaboration for mitigation and adaptation to facing global health issues and climate changes. Universitas Padjadjaran as a public University providing high-quality education commits to enhancing a sustainable collaboration with other university partners worldwide by conducting a series of international conferences such as the 8th Padjadjaran International Nursing Conference.

The speakers in the program are uniquely placed to debate, discuss & highlight the key points, trends & reforms in the healthcare system for the audience. It will be great to hear from our keynote speakers about the influence, priorities, development & comparison to international standards in the same field. We have 20 speakers from various world-ranked universities, such as Universitas Padjadjaran, University of Newcastle Australia, University of Nottingham and University of Glasgow from the United Kingdom, and Texas Woman's University in the United States of America. From

Asia regions, we have speakers from the University of Tokyo, Japan, National Cheng Kung University, Taiwan, Prince of Songkla University, Thailand, Sultan Qaboos University, Oman, and Visayas State University, the Philippines.

We also have arranged paper & poster presentation opportunities for our delegates to put forward their reforming thoughts in this vast field. We have 216 participants who will present their papers both local and international delegates, such as in the United Kingdom, Australia, South Korea, Philippines, Thailand, Kuwait, Malaysia, and India.

Distinguished guests and honourable speakers, and finally, welcome to the 8th Padjadjaran International Nursing Conference, where we can build an international network and collaboration as well as promote the achievement of sustainable development goals as a part of our commitment and dedication to sustaining the world.

Thank you.

Rector

Professor Rina Indriastuti, SE, MSIE, PhD

WELCOME REMARKS

DEAN OF FACULTY OF NURSING UNIVERSITAS PADJADJARAN BANDUNG



The honourable,

Rector of Universitas Padjadjaran, Prof. Dr. Rina Indiasuti, S.E., MSIE

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Director of Dr Hasan Sadikin Hospital

Director of Bandung Kiwari Hospital

Head of West Java Provincial Health Office

Head of Bandung City Health Office

Head of Sumedang Health Office

Head of Garut Health Office

Distinguished Speakers, Guests, and Participants

Dear colleagues, friends, and students of the Faculty of Nursing Universitas Padjadjaran

Ladies and Gentlemen

Assalamu'alaikumWr.Wb, selamat pagi, good morning.

Praise our gratitude to Allah SWT, the Almighty Lord, for all the blessings that have been bestowed on Us so that We can gather in good health and condition. It is a great honour for me to welcome all of you to the 8th Hybrid Padjadjaran International Nursing Conference 2022 with the theme "sustainable health and well-being: fostering collaboration for mitigation and adaptation of climate change".

After the past two years, we have witnessed constant turbulence and disruption to the lives of human being globally by the COVID-19 pandemic, praise Allah, and thank healthcare workers, policymakers, scientists, and all stakeholders who have tirelessly worked hard to control the spread of the Covid-19 disease. Now we are approaching the end of the pandemic. Hopefully, we are going to recover to normal life soon. However, another big issue, namely climate change, has already been impacting the population's health and undermining many social determinants for good health, such as livelihoods, equality and access to health care and social support structures. Climate change presents the single most significant threat to public health development, potentially undermining the past 50 years of public health gains. The WHO estimates that between 2030 and 2050, climate change is expected to cause approximately 250 000 additional deaths yearly from malnutrition, malaria, diarrhoea and heat stress. Nurses are the most significant health professionals worldwide who work on the front lines of caring for human health. Nurses recognize that climate change is threatening humans' life, health, and well-being. In light of the current and predicted health threats from climate change, nurses are committed to investing in the necessary knowledge and skills to address the health needs of the people. Engage in mitigation activities in our personal and professional lives, participate in climate change-related disaster responses, and support and engage in policy discussions to ensure equitable care for all populations in the face of climate change impacts.

The Faculty of Nursing Universitas Padjadjaran, in line with the scientific platform of Universitas Padjadjaran, have a solid commitment to addressing various issues related environment, health, and well-being, as well as to finding scientific and innovative solutions for protecting, maintaining, and improving human health and well-being. The theme of today's conference, "sustainable health and well-being: fostering collaboration for mitigation and adaptation of climate change", reflects our vision to become an internationally recognized and excellent school of nursing that

have a significant impact on improving health and quality of life of the society through holistic, collaborative, integrated, and sustainable approaches.

In collaboration with our local, national and international partners, the Faculty of Nursing is organizing a hybrid international conference series where nurses and allied health professionals worldwide can participate and present their work. The conference series consists of open lectures, research workshops, keynote and plenary sessions, and oral as well as poster presentations. These activities will promote the sharing of expertise and experiences and help us move forward with confidence to contribute to overcoming various health issues related the climate change.

On behalf of the Faculty of Nursing Universitas Padjadjaran, I would like to express my sincere gratitude to the Rector of Universitas Padjadjaran for continuing support and encouragement to our Faculty of Nursing Universitas Padjadjaran. Thank the keynote and all distinguished speakers from Universitas Padjadjaran (Indonesia), Texas Women's University (USA), University of New Castle (Australia), University of Glasgow (UK), University of Nottingham (UK), Nottingham University Hospital (UK), University of Tokyo (Japan), University of Sultan Qaboos (Oman), Prince of Songkla University (Thailand), National Cheng Kung University (Taiwan), and, our co-host, the University of Aisyiyah Bandung and University of Pelita Harapan Tangerang, and guests, delegates, and all participants for joining this conference today. Special thanks to the Editor in Chiefs of the Journal of Holistic Nursing, Journal of Revista Brasileira de Enfermagem, Journal of the Pakistan Medical Association, and Journal of International Dental and Medical Research for accepting collaboration to publish some selected articles of this conference in your journal. Last but not least, my gratitude to our organizing committee for their hard work, perseverance, and patience that make this conference go smoothly and successfully. Thank also the sponsors and other parties who contribute to the success of this conference. I hope you will have the two most productive days of exciting discussions at this conference.

We look forward to learning about the outcomes and expanding our collaboration network to improve people's health and well-being.

Thank you and enjoy the conference.

Wassalamu'alaikum Warahmatullahi Wabarakatuh

Professor Kusman Ibrahim, S.Kp., MNS., PhD., RN

WELCOME REMARKS CO-HOST

**EXECUTIVE DEAN OF FACULTY OF NURSING UNIVERSITAS PELITA HARAPAN
(UPH) TANGGERANG**



Welcome to the 8th Padjadjaran International Nursing Conference 2022! The focus of the conference and papers is on sustainable health and well-being by fostering collaborations for mitigating and adapting to the climate change. It is exciting that this conference is supported and attended by nursing and healthcare professionals and universities from around the globe. As nurses, it is important that we collaborate with each other and with other healthcare professionals to promote and provide sustainable health and well-being.

As you read through the proceedings, consider how you might collaborate with the authors to develop future research studies and projects. May this conference and proceedings be an opportunity to network with nurses and other healthcare providers from around the globe, as together, current issues on global health and climate change are discussed. As you actively participate in the conference, may your awareness of the importance of collaboration and innovation to mitigate and adapt to climate change improve.

Kind Regards,

Christine Sommers, PhD, RN, CNE

WELCOME REMARKS CO-HOST

**DEAN OF FACULTY OF HEALTH SCIENCES UNIVERSITAS AISYIYAH BANDUNG
(UNISA)**



Assalamu alaikum wr. wb.

Good morning, ladies and gentleman

Alhamdulillah, wa syukurullillah, wa laa haula walaq quwwata illa billahi. Allahumma shalli 'alaa sayyidina Muhammad wa 'alaa aalihi wa shahbihi ajma'ien.

Ladies and gentleman

Praise be to Allah SWT who has given His grace, taufik, and inayah, so that today we can attend the 8th Padjadjaran International Nursing Conference 2022 in good health. Our gratitude goes to the Faculty of Nursing, Universitas Padjadaran for organizing this conference. The conference with the theme “sustainable health innovation and well being fostering collaboration for mitigation and adaptation to the climate change” hopefully can run as well as possible and provide blessings for all of us

The digital era 5.0 also provides great challenges and opportunities for the developing world of health.. Nursing is a science that continues to grow. This profession is required to be prepared to face challenges in various situations, including the impact of the post-Covid-19 pandemic that hit the world and greatly affected the world's health system.

This international nursing conference is a forum for nursing researchers with various backgrounds as educators, researchers and field practitioners from within the

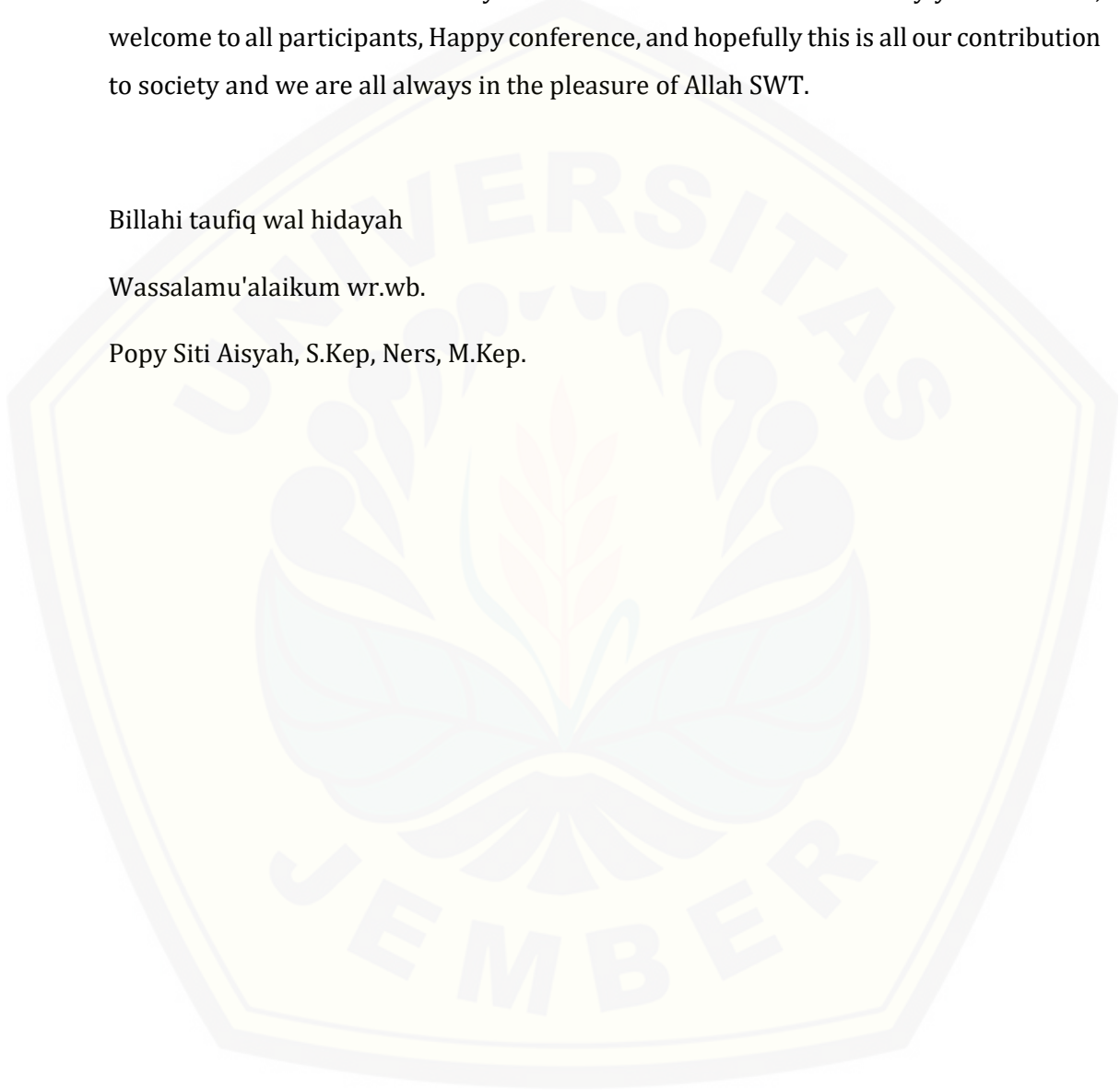
country and abroad to share findings and the latest nursing knowledge. Therefore, the theme of the conference raised the theme of innovation to support a better health system and also to support environmentally friendly innovation. Therefore, we hope that this conference will provide a lot of information about innovations that can be applied to nursing practice and education

On behalf of the faculty of health science Universitas Aisyiyah Bandund, welcome to all participants, Happy conference, and hopefully this is all our contribution to society and we are all always in the pleasure of Allah SWT.

Billahi taufiq wal hidayah

Wassalamu'alaikum wr.wb.

Popy Siti Aisyah, S.Kep, Ners, M.Kep.



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Programs and Schedules

A. Preconference Program (Online meeting)

Day/Date	Time	Topic	Speaker
Manuscript Writing Workshop			
Thursday, 4 August 2022	08.00 – 15.00	Writing Manuscript for Publication in Indonesia Journal	Iqbal Pramukti, PhD (FoN Unpad) Hidayat Arifin, S.Kep, M.Kep (FoN Unpad)
Kampus Merdeka Virtual Open Lectures			
Zoom Link: https://bit.ly/8thPINC2022 Preconference Meeting Indonesia: 987 5537 9660 Passcode: 8PINC2022			
Tuesday, 13 September 2022	08.00 – 08.15	Registration and opening	MC
	08.15 – 08.30	Welcoming Remarks Dean of FoN UPH Dean of FoN UNISA Opening Speech Dean of Faculty of Nursing	Professor Kusman Ibrahim, PhD
	Moderator: Windy Rakhmawati, PhD		
	08.30 – 09.30	Holistic nursing theory development	Richard Cowling III, PhD (Editor in Chief Journal of Holistic Nursing)
	09.30 – 10.30	Interdisciplinary approach to promoting oral health in the community settings	Drg. Fidya Meditia Putri, M.Epid (Faculty of Dentistry, Universitas Padjadjaran)
	12.00 – 13.00	LUNCH BREAK	
	13.00 – 13.30	Information for participants	Zoom main room
	Moderator: Hana Rizmadewi Agustina, PhD		
	13.30 – 14.30	Managing chronic lymphedema	Professor Christine Mofatt, CBE
	14.30 – 15.30	Beyond the pandemic: roles of nurses in disasters	Professor Alison Hutton, PhD (University of Newcastle)
Workshop in Research Methodology Updates			
Wednesday, 14 th September 2022	09.30 – 10.00	Opening	MC (Main Room)
	Session 1:		
	10.00 – 12.00	Moderator Room 1: Titis Kurniawan, PhD	
		Phenomenology in Nursing Research (Breakout Room-1) (Maximum 50 persons)	Professor Suryani, PhD (FoN Universitas Padjadjaran)
		Moderator Room 2: Ida Maryati, PhD	
		Ethnography in Nursing (Breakout Room-2) (Maximum 50 persons)	Professor Kusman Ibrahim, PhD (FoN Universitas Padjadjaran)
Moderator Room 3: Laili Rahayuwati, DrPH			
Participatory Action Research in Healthcare (Breakout Room-3)	Joey Rey Acob, DNS (Visaya State)		

	(Maximum 50 persons)	University, The Philippines)
12.00 - 12.45	LUNCH BREAK	
Session 2:		
12.45 - 13.00	Information for participants	Zoom main room
Moderator Room 1 Tuti Pahria, PhD		
13.00 - 15.00	Systematic Review and Meta-Analysis (Breakout Room-1) (Maximum 50 persons)	Iqbal Pramukti, PhD (Faculty of Nursing Universitas Padjadjaran)
Moderator Room 2: Nursiswati, PhD (c)		
13.00 - 15.00	Scoping Review (Breakout Room-2) (Maximum 50 persons)	Hartiah Haroen, PhD (Faculty of Nursing Universitas Padjadjaran)

B. Conference Programs (Hybrid meeting)

Day 1: Thursday, 15 Sept 2022		
Time	Program	Venue
07.30 - 08.30	Registration	Onsite: Aula Suharyati Online: Zoom
08.15 - 09.00	Opening Welcoming Speech: Chairperson 8 th PINC 2022 Dean of Faculty of Nursing UNPAD Opening Speech: Chairman of Indonesia National Nurses Association (INNA) Rector of Universitas Padjadjaran	
Plenary Session 1		
Moderator: Dr. Yanti Hermayanti		
09.15 - 09.45	Keynote Speech 1 Roles of Higher Institution in Promoting SDGs and Responding to Global Health Issues and Climate Changes (Professor Arief Ansory Yusuf, SE, MSc, PhD - CEDS Unpad)	
09.45 - 10.00	Sponsor Presentation	
10.00 - 10.30	Coffee Break	
10.30 - 12.00	Plenary session 1	
10.30 - 11.00	Green healthcare technology and quality of life of people living with chronic wounds (Professor Gojiro Nakagami, PhD, University of Tokyo, Japan)	
11.00 - 11.30	Competency-based Education in Nursing (Associate Professor Omar Al-Rawajfah, PhD, Sultan Qaboos University, Oman)	
11.30 - 12.00	Discussion	
12.00 - 13.00	Lunch Break E-Poster Presentation	
13.00 - 15.00	Plenary Session 2	
Moderator: Neti Juniarti, PhD		
13.00 - 13.30	Climate changes and health-related quality of life in the Elderly population (Prof. Nai-Ying Ko, National Cheng Kung University, Taiwan)	Onsite: Aula Suharyati Online: Zoom
13.30 - 14.00	Collaborative care and stunting management (Professor Henny S. Mediani, FoN Unpad, Indonesia)	
14.00 - 14.30	Discussion	

14.30 - 15.30	Dignity and End of Life Care (Professor Bridget Johnston, PhD, University of Glasgow, United Kingdom)	
15.30 - 16.30	BREAK E-Poster Presentation	
Preparing for Gala Dinner and Cultural Night in Saung Angklung Mang Udjo (For Onsite Participants)		
16.30 - 17.00	Registration and departure preparation (coach provided by the committee)	Faculty of Nursing Kampus Jatinangor
17.00 - 18.00	Coach journey to Saung Angklung Mang Udjo	
18.00 - 22.00	GALA DINNER & CULTURAL NIGHT (Dress code: Kebaya/Pangsi/Traditional Outfits)	Saung Angklung Mang Udjo
22.00 - 23.00	Participants back to the Jatinangor campus	Assembly point of Saung Angklung Mang Udjo
Day 2, Friday, 16th September 2022		
Time	Program	Venue
08.00 - 08.30	Registration	Onsite: Aula Suharyati Online: Zoom
08.30 - 11.30	Concurrent Sessions	9 Online Room and 1 Hybrid room
11.30 - 13.00	Lunch Break – <i>Friday Prayer</i> E-Poster Presentation	Aula Suharyati Zoom room
12.45 - 13.00	Participants join in the main room	Onsite: Aula Suharyati Online: Zoom
Plenary Session 3		
Moderator: Marisa Junianti Manik, DNP		
13.00 - 13.30	Keynote Speech 2	
	Strengthening clinical practice and learning to meet global standards (Professor Emeritus Carol Hall, PhD, University of Nottingham, United Kingdom)	
13.30 - 15.00	Plenary session 3	
13.30 - 15.00	<ol style="list-style-type: none"> 1. Holistic Admission for Nursing Schools (Associate Professor Peggy Landrum, PhD, Texas Woman's University, USA) 2. Mental health and well-being issues and holistic care (Assistant Professor dr. Orean Nakeow, PhD, Prince of Songkla University, Thailand) 3. Virtual Reality learning to improve basic nursing skills in an undergraduate program (Restuning Wideasih, S.Kep, Ners, M.Kep, Sp. Mat, PhD, Faculty of Nursing Unpad) 	
15.00 - 15.30	Discussion	
15.30 - 16.00	Coffee Break	
16.00 - 16.30	Award Presentation	
16.30 - 17.00	Closing Ceremony	

TABLE OF CONTENTS

ORAL PRESENTATION	38
22PINC003	39
Factors Related to Quality of Life among Hemodialysis Patients	
22PINC004	40
The Effect of Local Exploration on the Infection of Diabetic Wounds	
22PINC007	41
Optimizing Workload to Reduce Work Stress among Nurses during the COVID-19 Pandemic	
22PINC008	42
Women's Childbirth Experiences during Covid-19 Pandemic in Indonesia	
22PINC011	43
Barriers and Supporting Factors of Bystander Rescue Action in an Emergency	
22PINC019	44
Academic Stress and Coping Strategy among The Final Year of Nursing Students' in Banten Province	
22PINC020	45
The Stress of Indonesian Nurses during a Time of Change	
22PINC021	46
Factors Affecting Pregnancy Physical Examination Visits during the Covid-19 Pandemic in Bandung City	
22PINC022	47
Environmental Factors that Affect The Incidence Of Stunting In Underfive Children: A Literature Review	
22PINC023	48
Pregnancy Care for Maternal and Fetal Wellbeing: An Ethnography Study	
22PINC024	49
Nurses' Self-Compassion and Professional Quality of Life during the COVID-19 Pandemic	
22PINC025	50
Description of Knowledge Level of Hypertension Patients about Hypertension in One Village in North Sumatra	

22PINC026	51
Readiness to Help and Knowledge Helping Online Drivers in Surrounding Communities with Heart Attacks	
22PINC026	52
Motorcycle Taxi Online Knowledge & Helping Attitude to Heart Attack Victims in the Community of Surabaya	
22PINC027	53
Music Based on Psychoneuroimmunology in Pediatric Chronic Illness: A Systematic Review and a New Model	
22PINC029	54
The Correlation of Occupational Stress and Professional Quality of Life among Community Health Nurses during COVID-19 Pandemic in The Central Jakarta	
22PINC031	55
Time Management and Stress Level of Final Year Nursing Students during Pandemic Covid-19	
22PINC032	56
Students' Perceptions of Nurse Educator's Professional Role Model during Covid-19 Pandemic: A Mixed Method Study	
22PINC033	57
Resilience and Perceived Stress among Final Year Nursing Students in Writing Bachelor Thesis	
22PINC036	58
Work Load and Work Stress as the Predictors of Work Satisfaction of Home Care Nurses	
22PINC037	59
Relaxation Techniques for Blood Glucose in Diabetes Mellitus Patients: A Systematic Review	
22PINC040	60
Effect of Combination of Anagram Cognitive Training and Heart Exercise on Cognitive Function in Indonesian Elderly: A Preliminary Study	
22PINC046	61
Indonesian Herbal Medicine for Hypertension: Narrative Review	
22PINC048	62
Healthcare Quality Received by Insured Patients in Two Indonesian Regional Public Hospitals	

22PINC050	63
Readiness of Nursing Students in Entering Clinical Practice in the New Normal Era: A Study of Phenomenology	
22PINC052	64
Factors Affecting the Community's Attitude toward Covid-19 Vaccination	
22PINC053	65
The Implementation of Nursing Documentation Based on 3S (SDKI, SIKI, SLKI) in Hospital: Literature Review	
22PINC054	66
Outcomes of Scoring Systems in Emergency Department: A Scoping Review	
22PINC056	67
Critical Nurse Experience Providing End of Life Care on Covid-19 Patients in Intensive Care Unit: Phenomenology Study	
22PINC058	68
Nursing Students' Knowledge, Attitude and Behavior in the Prevention of Covid-19 Transmission	
22PINC062	69
Bibliometric Analysis of Emergency Nursing Models of Mental Health Using Vos-Viewer	
22PINC064	70
Family Members Accompanying toward Elderly Who Depressed during Pandemic in Rural Community	
22PINC065	71
Family Members Accompanying toward Elderly Who Depressed during Pandemic in Rural Community	
22PINC066	72
Association between Emotional Regulation and Internet Addiction in Nursing Students	
22PINC067	73
COVID-19 Health Care Delivery: The Perspective of Health Providers in the Community Settings	
22PINC069	74
A Rare Case of ST-Elevation Myocardial Infarction, Severe Cardiogenic Shock, and Myocarditis Secondary to Leptospirosis	

22PINC071	75
Saffron Flower as a Complementary Therapy to Reduce Dymenorrhea in Adolescent Women	
22PINC074	76
Overview from the Use of High Flow Nasal Cannula in COVID-19 Patients: A Scoping Review	
22PINC075	77
Vaccination Status and the Severity of Covid-19 Patients	
22PINC076	78
ACTIVE-SCHOOL Program to Resolve Risky Sexual Behavior in Adolescents	
22PINC078	79
Anxiety Factors in Nursing Students Associated with Clinical Practice at University in Tangerang	
22PINC080	80
Differences in Anxiety and Pain Level Based on the Characteristics of Miocard Infark Patients in Rsud Dr. Pirngadi Medan	
22PINC082	81
Self-Compassion among Undergraduate Nursing Students at A State University in Indonesia During the Covid-19 Pandemic	
22PINC083	82
The Effect of Moringa Oleifera Leaf Extract on Depression in Rheumatoid Arthritis Patients	
22PINC084	83
Violent Behavior in Adolescence Affected by Self-Concept and Stress in Gorontalo City	
22PINC085	84
Effect of Mentoring on Nurses' Knowledge of Patient Safety Incident Reporting	
22PINC086	85
What Works, For Whom, How, and Under What Circumstances: Using Realist Methodology in Evaluating Complex Health Intervention	
22PINC087	86
The Effect of Educational Intervention Using Video Role-Plays on Nursing Students' Knowledge of Civility-Incivility	

22PINC088	87
Psychometric Evaluation of the Benevolent Childhood Experiences (BCEs) in Indonesian Adolescents	
22PINC091	88
The Relationship between Level of Knowledge and Vaginal Discharge Prevention Behavior for Nursing Students	
22PINC092	89
Health Belief Model Theory as an Approach for the Behavior of Pregnant Women in Preventing Anemia	
22PINC094	90
Food Literacy and Mental Health Status among Post Covid-19 Patients in East Kalimantan: A Cross-Sectional Study	
22PINC097	91
The Effectiveness of Yogurt Probiotic on Acute Diarrhea Children: Systematic Review	
22PINC099	92
Mosquito Nest Eradication to Prevent Dengue Hemorrhagic Fever	
22PINC105	93
Socio-Demographic Characteristics and Psychological Profile of Pregnant Women in the Covid-19 Pandemic in Central Java Indonesia	
22PINC106	94
Literature Study: The Effectiveness of Adduction Tilted Position to Prevent Decubitus in Stroke Patients	
22PINC109	95
Empathy in Nursing Students: A Scoping Review	
22PINC110	96
Face-To-Face Classes during Covid-19: Implementation of School Health Protocols	
22PINC111	97
The Effectiveness of Spiritual Emotional Freedom Technique (SEFT) to the Intensity of Pain of Advanced Breast Cancer Patients in X Hospital Tangerang	
22PINC112	98
Stunting Predictors Among Children Aged 0-24 Months in Southeast Asia: A Scoping Review	

22PINC114	99
Nanoparticles of Moringa Oleifera Leaf Extract on Endothelin-1 and Blood Pressure in Pregnant Women with Hypertension	
22PINC117	100
The Correlation between Knowledge and Application of Nurses' Therapeutic Communication in One General Hospital	
22PINC118	101
Parenting, Family support, and Relapse among Schizophrenia Patients: A Review	
22PINC119	102
Relationship of Self-Efficacy with Quality of Life of Coronary Heart Disease Patients	
22PINC120	103
The Effect of Self-Management, Spirituality, and Social Support on Diabetes Patients' Quality of Life	
22PINC121	104
Psychometric Properties of the Indonesian Version of the Hypertension Self-care Profile Instrument	
22PINC122	105
Correlation Pain on Fatigue in Post Operation Patients	
22PINC123	106
Impact of Static Lifestyle on Musculoskeletal Disorder among Adolescents during Covid-19 Pandemic	
22PINC124	107
Knowledge and Preparedness of Basic Life Support among Students at Bakomsus Police in the Covid-19 Pandemic Era	
22PINC125	108
Creativity in Centella Asiatica Become Healthy Food as Innovation to Prevent Stunting in Toddler	
22PINC127	109
The Effect of Positive Self-Talk on the Level of Academic Anxiety in Learning in the Covid-19 Era	
22PINC132	110
Knowledge and Attitudes in Preventing Hypertension	
22PINC133	111
Nurses' Perception of Discharge Education for People with T2DM	

22PINC135	112
Visual Art Therapy Improved Psychological Distress among Patients with Cancer: A Quasi-experimental Study	
22PINC138	113
Nurse Manager Leadership Competence in Increasing Interprofessional Collaboration in the Hospital: A Scoping Review	
22PINC140	114
Implementation of Spiritual Emotional Freedom Technique to reduce Burnout among Housewives with HIV	
22PINC145	115
The Relationship between Sociodemographic Characteristics and Knowledge Level of Near Drowning First Aid at Watu Ulo Coast Guard, Ambulu District, Jember Regency	
22PINC146	116
Relationship between Self-Efficacy and Dietary Compliance in Patients Type 2 Diabetes	
22PINC147	117
Nursing Students' Knowledge of Peripheral Intravenous Catheter Insertion and Patency Maintenance	
22PINC148	118
Clinical Characteristics of Patients with Covid-19 at a Covid-19 Hospital in Tangerang: Documentation Study	
22PINC149	119
Health Promoting School from the Nursing Perspective: A Scoping Reviews	
22PINC152	120
Artificial Intelligence as an Educational Media to Improve Adolescent Reproductive Health: Research and Development Studies	
22PINC154	121
Mothers' Perceptions of Fathers' Participation in Dietary Management for Children Under Five Years in Indonesia	
22PINC155	122
Mirror Therapy Exercises as Visual Feedback on the Extremities with Hemiparesis in Post-Stroke Patients When Home Self-Care	
22PINC157	123
Analysis of the Association between the Knowledge Level of Pregnant Women about Covid-19 to the Acceptance of the Covid-19 Vaccine	

22PINC158	124
Analysis of Differences in Anxiety Levels in Normal Pregnant Women and Pregnant Women at Risk during the Covid-19 Pandemic	
22PINC162	125
Knowledge and Parenting Patterns with the Implementation of Stimulation of Cognitive Development in Preschool Children	
22PINC163	126
Analytical Factors Affecting Mother's Decision To Make Her Daughter Get The HPV Vaccine	
22PINC164	127
Content Mapping of Pediatric Palliative Care Courses and Conference Agendas that are Currently Run in Thailand	
22PINC165	128
Correlation between Self-Efficacy and Mother's Support with Preventing Behavior of Vaginal Discharge in Early Adolescent	
22PINC166	129
Factors Related to the Intention of Postpartum Contraception-A Correlational Study	
22PINC168	130
Translation and Content Validation of Jefferson Empathy Scale Health Professional Students (JES-HPS) in Indonesia	
22PINC169	131
Sustaining Quality of Life with Education Based Treatment for Hypertension Patients during COVID-19 Adaptation	
22PINC171	132
The Risk of Diabetic Peripheral Neuropathies among Urban-Rural Diabetic Type 2 Patients	
22PINC174	133
Perceptions, Attitudes, Information Sources and Selection of Complementary Alternative Medicine for Pregnant Women	
22PINC176	134
The Perception of Pregnant Women about the Need for Online Maternal Health Services	
22PINC179	135
Self-Efficacy Survey Study of Preventive Leukorrhoea Behavior in Adolescent	

22PINC180	136
Mother's Perceived Susceptibility & Severity in Early Complementary Feeding on Infant 0-6 Months Old	
22PINC181	137
Factors Influencing the Nurses on Reporting the Patient Safety Incidents during the Covid-19 Pandemic	
22PINC184	138
Covid-19 Outbreak and Mental Health Status of Learners, Healthcare Providers, and Community in Indonesia and Taiwan: A Review	
22PINC185	139
Spiritual Interventions to Improve Quality of Life and Spiritual Well-Being in Chronic Illness	
22PINC186	140
Burden Experienced by Sundanese Indonesian Family Caregivers Caring for Schizophrenic Clients: A Descriptive Qualitative Study	
22PINC190	141
Reasons for Low Patient Safety Incident Reporting among Nurses: A Qualitative Study	
22PINC202	142
The Attitude of Student Nurses toward End-Of-Life Care: An Evaluation of Multimethod Approach in the Clinical Placement	
22PINC204	143
Efficacy of Indonesia Herbal Medicine (Phytopharmaca) as an Adjuvant in Rheumatoid Arthritis Management: A Systematic Review and Meta-analysis of Randomized Controlled Trials	
22PINC209	144
The Facit-Spiritual Determinant Factors on the Quality of Life among Breast Cancer Patients	
22PINC210	145
Knowledge and Behavior of Covid-19 Prevention and Control in Pregnant Women at Dompot Dhuafa Clinic in Sukabumi Regency, Indonesia	
22PINC214	146
The Effect of Peer Group Support with Booklets Media to the Knowledge and Attitude of Adolescents about Early Marriage	
22PINC215	147
Effect of Nursing Rounds on Patient Satisfaction: Systematic Review	

22PINC219	148
Foot Care Intervention Delivered by Community Health Workers (CHWs): A Scoping Review	
22PINC227	149
Cognitive Behavioral Therapy and Quality of Life for Diabetes Mellitus Patients: a Systematic Review	
22PINC229	150
Provision of Micronutrient Supplementation and Fortification on the Growth of Stunting Children: A Scoping Review	
22PINC242	151
Nausea and Vomiting Management for Cervical Cancer Patient Undergoing Chemotherapy: A Scoping Review	
22PINC001	153
The Factors Affecting College Life Adaptation of Nursing Students During The COVID-19 Pandemic In Korea: A Pilot Study	
22PINC009	154
Child Sexual Abuse Prevention: A Qualitative Study of Teachers Need Education	
22PINC014	155
Religiosity and Spirituality for Muslim Health and Well-Being: A Qualitative Study among Muslim Men, Women, and Health Professionals	
22PINC015	156
The Implementation of Oral Care and Its Impact on Wellbeing in a Stroke Patient with Dysphagia: A Narrative Review	
22PINC022	157
Environmental Factors that Affect the Incidence of Stunting in Underfive Children: A Literature Review	
22PINC028	158
MacNew QLMI Instrument's Validity and Reliability at Central Referral Hospital in West Java	
22PINC039	159
The Implementation of Therapeutic Play for Sexually Abused Children: A Scoping Literature Review	
22PINC042	160
Experiences of Peer Mentoring Companion to Women with HIV	
22PINC043	161
Predictors Outcome Ischemic Stroke: A Systematic Review	

22PINC049	162
Stakeholders' Perceptions of the Family Planning Program during the COVID-19 Period: A Qualitative Study	
22PINC051	163
Activity of Celery Leaf Decoction in Lowering Blood Pressure in Hypertension Patient: Bibliometric Study	
22PINC055	164
The Relationship of Self-Efficacy with Academic Stress of Nursing Students at Universitas Padjadjaran	
22PINC057	165
Resilience of Children who Experienced Sexual Abuse: A Narrative Review	
22PINC061	166
Scoping Review: Coping Strategies for Victims of Sexual Abuse in Adolescents	
22PINC063	167
Prevention of Sexual Abuse in Children with Special Needs Intellectual Disabilities: Scoping Review	
22PINC064	168
The Impact of Child Sexual Abuse as Victims: A Narrative Review	
22PINC070	169
Risk Factors of Frailty Status in The Elderly During Pandemic	
22PINC073	170
Self-Efficacy in Implementing Blended Learning during Covid-19 Pandemic of the Nursing Profession Study Program Faculty of Nursing Padjadjaran University	
22PINC088	171
Psychometric Evaluation of the Benevolent Childhood Experiences (BCEs) in Indonesian Adolescents	
22PINC090	172
Anticipatory Grief Response in Family of Patient Undergoing Hemodialysis at Ny. R.A. Habibie Kidney Hospital Bandung	
22PINC092	173
Health Belief Model Theory as an Approach for the Behavior of Pregnant Women in Preventing Anemia	

22PINC093	174
The Effectiveness of Cancer Nutrition Management in Reducing Nutrition Problems in Children Undergoing Chemotherapy	
22PINC100	175
Comparison of the Mental Emotional Disorder, Depression and Fear Level during COVID-19 Pandemic among Emergency Nurses	
22PINC101	176
The Effect Health Education of Infection Management Control to Parents with Febrile Neutropenia Children	
22PINC103	177
Interventions for Spiritual Distress among Patients with Chronic Disease and Palliative Care: A Scoping Review	
22PINC113	178
Non-Pharmacological Interventions to Control Hallucinations on Schizophrenic Patients: A Narrative Review	
22PINC115	179
Supplementation For Pregnant Women To Prevent Stunting Among Children: A Literature Review	
22PINC117	180
The implementation of oral care and its impact on wellbeing in a stroke patient with dysphagia: A Narrative Review	
22PINC126	181
The Effect of Rehabilitation Programs on Patients' Quality of Life with the use of Psychoactive Substances at the West Java BNN Pratama Clinic	
22PINC128	182
Nutrition Management among Pregnant Women, Breastfeeding Mothers and Children during Disaster Emergencies	
22PINC129	183
Preventive Behaviors among Students with Type 2 Diabetes Mellitus Family History at a University in Bandung, Indonesia	
22PINC130	184
Lived Experiences of Adolescents Who Live with a Schizophrenic Father in Bandung	
22PINC131	185
Family Caregiver Burden while Taking Care of Palliative Patient in Temporary Hospice, West Java	

22PINC134	186
Online Learning: Optimism and Psychological Well-Being among Nursing Students	
22PINC136	187
The Health State of Diabetics during the Covid -19 Transition Period: A Cross-Sectional Study	
22PINC137	188
Insecurity and Cyberbullying Victim in Undergraduate Students of the Faculty of Nursing, Universitas Padjadjaran	
22PINC139	189
Family Needs in Accompanying the Recovery Process of People with Psychosis Disorders: A Scoping Review	
22PINC141	190
Scoping Review of Pre- and Post-Surgery Pulmonary Rehabilitation in Lung Cancer	
22PINC142	191
Physical Activity to Reduce Pain Scale in Diabetic Neuropathy Patients: A Scoping Review	
22PINC143	192
Impact of Fatigue on Quality of Life in Children with Cancer	
22PINC150	193
The Psychological Problems in Adolescents with Scoliosis	
22PINC151	194
Islamic Spiritual Care, Depression, and Quality of Life among Patients with Heart Disease: A Systematic Review	
22PINC156	196
The Effect of Interest, Learning Motivation, Critical Thinking, and Knowledge of Nursing Students on Patient Safety Competence	
22PINC159	197
Scoping Review of Professional Boundaries In A Nurse And Patient Relationship In The Healthcare Setting	
22PINC160	198
Description of Marriage Readiness in Late Adolescence and Early Adulthood in Cipari District, Cilacap Regency	
22PINC161	199
Prevention of Nasal Injury in Premature Infants with NCPAP: A Review	

22PINC170	200
The Relations between Stress Level and Body Dysmorphic Disorder (BDD) Tendency in Adolescents	
22PINC172	201
Interventions to Improve Positive Body Image in Youth: A Rapid Review	
22PINC173	202
The Importance of Prenatal Vitamin D in Preventing Children Wire Stunting: Systematic Review	
22PINC175	203
The Effect of Cold Compressing Ice Pack on Pain Scale in Closed Fracture Patients of Lower Extremity in ER Cicalengka Hospital	
22PINC178	204
The Relationship between Spirituality with Mental Health on Covid-19 Survivors	
22PINC182	205
The Readiness of Community Healthcare Center Nurses to Implement Nursing Care in Psychosocial Issues	
22PINC187	206
Grief Intervention Death of a Nuclear Family: A Literature Review	
22PINC188	207
Cognitive Behavioral Social Skills Training Intervention in Schizophrenia Patients (Scoping Review)	
22PINC189	208
Hypertension Risk Factors in University Students	
22PINC192	209
Ethical Issues Dimension as Experienced by Nurses in Providing End of Life Care in Critical Care Settings: Phenomenological study	
22PINC194	210
Awareness toward HIV Voluntary Counseling and Testing (VCT) among Men Who Have Sex with Men: Concerns Underlying Reluctance To Test	
22PINC195	211
The Effect of Combination Intervention of Early Mobilization and Zikr Therapy to Intestinal Peristaltic in Post Open Cholecystectomy Patients with General Anesthesia	
22PINC196	212
Response and Pain Management for Children Aged 2 Months To 7 Years during Blood Sampling	

22PINC198	213
Factors Driving Nursing Students become Healthcare Volunteers during Covid-19 Pandemic	
22PINC199	214
Correlations of Antenatal Care Frequency, Compliance to Iron, and Knowledge with Anemia in Pregnant Women	
22PINC 201	215
Disaster Nursing Learning in Graduate Program in Indonesia, Disaster Nursing Lecturer's Perspective	
22PINC202	216
The Attitude of Students Nurses Toward End-of-Life Care: An Evaluation of the Multimethod Approach in The Clinical Learning Setting	
22PINC203	217
Integrating Henderson's Need Theory into Nursing Care of the Patient with Spondylitis Tuberculosis: A Case Report	
22PINC207	218
Honey's Effect in Oral Care Intervention for Chemotherapy-Induced Mucositis among Pediatric Cancer Patients	
22PINC208	219
Interventions to Improve Adherence and Self-Management in Tuberculosis Patients: A Literature Review	
22PINC212	220
The Level of Psychosocial and Spiritual Well-Being among Nursing Students in the Distance Learning Process during The Covid-19 Pandemic	
22PINC213	221
Food Security with Incidence of Stunting: Scoping Review	
22PINC216	222
Cervical Cancer and its Prevention among Reproductive Age women: an Ethnonursing Study	
22PINC217	223
The Model and Efficacy of Online Nurse-led on The Clinical Outcome of Diabetic Foot Ulcers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials	
22PINC220	224
Factors Related to Sexual Behavior in Adolescents: A Study of West Java Secondary Data	
22PINC221	225
Mental Health Problems of Elderly Prisoners: A Scoping Review	

22PINC222	226
Quality of Life Profile of The Elderly in Cibogo Village, Purwakarta	
22PINC223	227
Non-Pharmacological Interventions in Post-Traumatic Stress Disorders of Natural Disaster Victims: A Literature Review	
22PINC224	228
Evidence-Based Practice in the Epidemiology of Hiv/Aids Transmitted Diseases	
22PINC225	229
The Effect of Health Education on Menstrual Hygiene Management on the Knowledge and Attitudes of Class VII and VII Students at SMPN 1 Losari, Cirebon Regency the Year 2022	
22PINC226	230
The Hypertension Self-Care Profile among Hypertensive Patients in Primary Health Care, Bandung, Indonesia	
22PINC232	231
The Type of Topical Therapy to Reduce Odor in Breast Cancer Wounds: A Narrative Review	
22PINC233	232
A Distraction Techniques to Reduce Pain In Infants During Immunization: Literature Review	
22PINC238	233
Discharge Planning Practices for Diabetic Patients in the Pandemic Situations: An Ethnography Study	
22PINC239	234
Burn Out of Jatilawang Health Center Nurses during the Covid 19 Pandemic	
22PINC240	235
Psychological Well-Being Relationship with Parenting Stress Parents Who Have Children with Autism Spectrum Disorder	
22PINC243	236
Factors Contributed to the Development of Work Engagement among Nurses in the Hospital: Narrative Review	
22PINC244	237
Management of Fear of Missing Out (FoMO) Syndrome in Adolescents: Scoping Review	
22PINC247	238
Implementation of Digital-Based Psychotherapy on College Students in the COVID-19 Pandemic Era: A Scoping Review	

22PINC248	239
A Systematic Scoping Review of Digital Psychotherapy to Reduce Symptoms of Anxiety and Depression in Students during the Covid-19 Pandemic	
22PINC249	240
Nursing Interventions to Improve Quality of Life Children with Thalassemia: A Systematic Scoping Review	
22PINC251	241
Spiritual Care in The Intensive Care Unit: A scoping review	
22PINC252	242
Demystifying dying and death in Undergraduate Nursing Education: Views of Faculty and Clinical Instructors	
22PINC256	243
Family Functioning Against Health Risk Behavior among Adolescents	
22PINC266	244
The Effectiveness of Family-Centered Empowerment on Quality of Life among Children with Chronic Diseases: A Scoping Review	
22PINC267	245
Description of the Level of Adversity Quotient Lecturer in the Faculty of Nursing, Padjadjaran University in the Pandemic Covid-19	
22PINC269	246
Effect of Mindfulness Breathing Meditation on Depression, Anxiety, and Stress: A Quasi-Experimental Among University Students	
22PINC270	247
Life Experience Adolescent of Fake Account Users	



ORAL PRESENTATION

22PINC122

Correlation Pain on Fatigue in Post Operation Patients

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Background: Uncontrolled postoperative pain causes prolonged fatigue in the patient which hinders wound healing, hinders the recovery of the patient's functions and activities to a normal state, causes frustration, depression and hopelessness, and risks increasing treatment costs.

Purpose: to determine the relationship between pain and fatigue in postoperative patients.

Methods: the research design is cross-sectional. A total of 57 postoperative patient samples at Baladhika Husada III Hospital Jember. The study used a consecutive sampling technique with a Numerical Rating Scale instrument with a score of 0 (no pain), 1-3 (mild pain), 4-6 (moderate pain), 7-10 (severe pain). Instrument Fatigue Severity Scale with a score of <36 (not tired) and ≥36 (tired). Research analysis using Spearman correlation test with p value = 0.05.

Results: Most of the respondents experienced moderate pain (57.1%), most of the respondents experienced fatigue (55.6%). The results of the Spearman test p value = 0.001 (<0.05) means that there is a significant relationship between pain and fatigue in postoperative patients. The correlation strength value is 0.540 which means that it is moderately correlated and the direction of the correlation (+) indicates the higher the pain score, the higher the fatigue score.

Discussion: Pain has a complex relationship with fatigue in postoperative patients. Pain is a predictive factor of postoperative fatigue that can interfere with physiological recovery, decrease functional status, and impede control over motor activity and body functions.

Conclusions: Postoperative pain increases fatigue and has an impact on the patient's postoperative recovery. By reducing postoperative pain, it can prevent or eliminate postoperative fatigue.

Keywords: fatigue, pain, post operative

22PINC123

Impact of Static Lifestyle on Musculoskeletal Disorder among Adolescents during Covid-19 Pandemic

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Background: Static lifestyles have an impact on decreased learning activities, boredom, stress, and cause musculoskeletal disorder. A static lifestyle also causes muscle fatigue, pain and discomfort in certain body parts.

Purpose: to find out the relationship between a static lifestyle and musculoskeletal disorder in adolescents during the Covid-19 pandemic.

Methods: The study used a cross-sectional design and recruited 238 students from the Faculty of Nursing, University of Jember following a random sampling technique. The researchers used the Adolescent Sedentary Activity Questionnaire with findings scored of <36 (not tired) and ≥36 (tired). The research analysis used the Spearman rank test with $\alpha = 0.05$.

Results: most of the respondents experienced a moderate static lifestyle (50.0%) in most of the respondents experienced high musculoskeletal disorder (50.8%). The results of the Spearman test p-value = 0.017 means that there is a significant relationship between a static lifestyle and musculoskeletal disorder. The correlation strength value is 0.154, which means it is weakly correlated and the direction of the correlation (+) indicates the higher the static lifestyle, the higher the musculoskeletal disorder experienced.

Conclusions: This indicates that the higher the sedentary lifestyle behavior, the higher the level of musculoskeletal complaints felt or experienced by student. So it is necessary to do physical activities such as exercise, stretching, and rest for a while.

Keywords: covid-19, musculoskeletal disorders, static lifestyle, student

22PINC132

Knowledge and Attitudes in Preventing Hypertension

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Background: A preliminary study was conducted on the knowledge and attitudes of the community in one of the villages in the Tanggul sub-district regarding the prevention of hypertension, the information obtained by researchers during interviews with puskesmas officers said that knowledge, attitudes and efforts to prevent hypertension in adults were relatively low. Because there are several factors, including rarely getting health information, hypertension will cause heart disease, brain disorders, eyes and kidneys if not controlled. A good pattern or lifestyle causes hypertension with a lack of knowledge and attitude to prevent hypertension.

Purpose: to describe the knowledge and attitudes of the community in preventing hypertension.

Methods: This research is a descriptive study with a cross-sectional approach. The number of samples was as many as 96 respondents. The sampling technique used is purposive sampling a data collection tool in the form of a questionnaire. Data analysis used univariate analysis.

Results: the respondents' knowledge of hypertension prevention efforts were mainly good (99%). The attitude of the respondents towards prevention efforts was sufficient primarily (96.6%).

Conclusions: This good knowledge and attitude show that the community has the capital to carry out hypertension prevention efforts. For further research, it is recommended that further research be carried out in the Manggisan village area to determine the level and attitude of hypertension in the village.

Keywords: attitude, hypertension, knowledge

22PINC145

The Relationship between Sociodemographic Characteristics and Knowledge Level of Near Drowning First Aid at Watu Ulo Coast Guard, Ambulu District, Jember Regency

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Background: Near drowning victim is a condition that must be helped immediately. any delay in victim resuscitation can cause morbidity and mortality. Coast guard plays an important role in rescue efforts for near drowning victims.

Purpose: The research aimed to determine the relationship between sociodemographic characteristics and knowledge level of near drowning first aid at the Watu Ulo coast guard, Ambulu District, Jember Regency.

Methods: The research design was cross-sectional. The sampling technique that has been used is total sampling. The researcher used a data collection tool in the form of a first aid knowledge level questionnaire for drowning victims that had been tested for validity and reliability. This research has passed the ethical test at the Faculty of Nursing, University of Jember with certificate number no. 008/UN25.1.14/KEPK/2022.

Results: The study involved 42 members of the coast guard. The results showed that 50% respondents were aged 36-45 years, 64% worked >10 years, 67% had basic education level, and 55% never had exposure to information, 55% had sufficient knowledge. The results showed that there was no relationship between age and the knowledge level of near drowning first aid. There was a relationship between years of work, education level, information exposure and knowledge level of near drowning first aid.

Conclusions: Most of respondent's knowledge level of near drowning first aid was still in the sufficient category. Years of work, education level, information exposure have correlation with coast guard's knowledge level of near drowning first aid.

Keywords: knowledge, near drowning, sociodemographic