

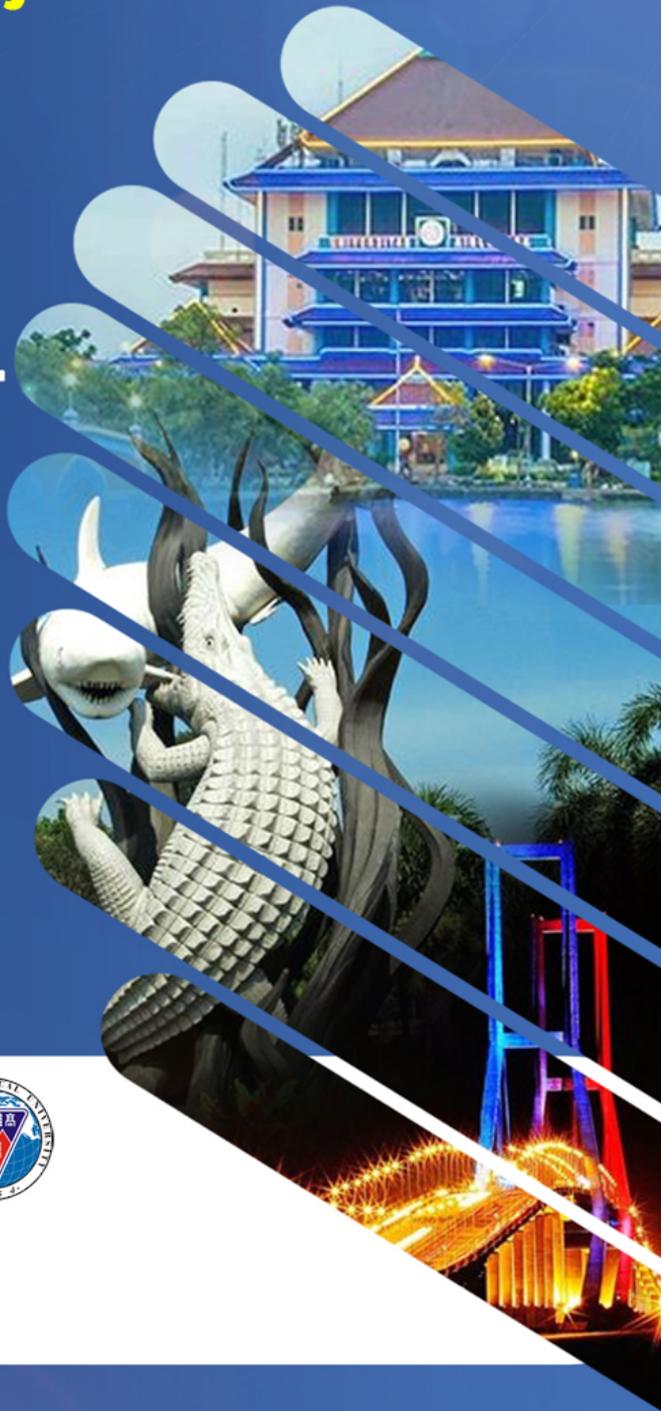
THE BOOK OF ABSTRACT  
THE 12<sup>th</sup> INC 2021



# INTERNATIONAL NURSING CONFERENCE

## REFRAMING NURSING EDUCATION, RESEARCH, AND PRACTICE : COVID 19 AS CATALYST FOR INNOVATION

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Surabaya, East Java, Indonesia



Speakers :



Co-host :



# **ABSTRACT BOOK**

## **THE 12TH INTERNATIONAL NURSING CONFERENCE REFRAMING NURSING EDUCATION, RESEARCH, AND PRACTICE: COVID 19 AS CATALYST FOR INNOVATION**

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## WELCOME SPEECH



Assalamu' alaikum Warahmatullahi Wabarokatuh

Universitas Airlangga is strongly committed to significantly contribute to the development of health science globally by providing quality academic engagements. This includes improving our teaching-learning processes, academic mobility, research activities as well as community development. Aligned with this aim, it is a great honour for Universitas Airlangga to host The 12<sup>th</sup> International Nursing Conference 2021 “Reframing Nursing Education and Research: Covid-19 as Catalyst for Innovation”

We are now in the COVID-19 pandemic era. The COVID-19 pandemic caused various health problems. Many health problem referring to the medical and health problems and the disruptions, we all have to be ready to combine physical domains, digital, and biology. COVID-19 pandemic was associated with stressful, anxiety, depression, stigmatization, and trauma are experienced by Indonesians. Healthcare workers as the front- liner to fight COVID-19 pandemic, need reassurance of their safety. The stress and the demands from the healthcare system can affect their health as well as the morality. I believe at this moment we are facing these shifts in the medicine and health science. Thus, the conference focuses on COVID-19 as catalys for innovation.

The conference is addresses t answer global challenges on how universities, institutions, organizations in higher education can give their contributions to the global medical, health, and policy issues that have been emerging for years. This conference invites more than one hundred scholars including academics, researches, and professionals from all over the world, t share their ideas, thoughts and current research. Thank you for the warm support given by our partners and our Faculty of Nursing for the purpose of the strengthening academic and research collaboration through this conference. Universitas Airlangga is hoping that this collaboration will continue to be fruitful for many years ahead, and bring success to you and Universitas Ailangga.

This conference brings all scholars to work together, coming up with excellent ideas presented in plenary and parallel sessions. In addition, they can expand their networking for future collaborations that support the development of medical and health sciences. All in all, I hope that

this conference will not only give insights to all the parties, but it will also provide us more enlightenment to answer the challenges on the medical and health issues.

Thanks you very much for your kind attention.

Prof. Dr. Mohammad Nasih, SE., MT., Ak., CMA.,  
Rector of Universitas Airlangga

## OPENING REMARK



Assalamu'alaikum Warahmatullahi Wabarakatuh

The Honorable Rector of Universitas Airlangga, The Honorable Head of Co-Host Institutions, The Honorable Chief of Indonesian National Nurses Association (INNA), The Honorable Chief of Association of Indonesian Nurse Education Center (AINEC), Distinguished Speakers, and All Participants.

First of all, I would like to praise and thanks to Allah SWT for the blessing and giving us the grace to be here in a good health and can hold this conference together.

Secondly, it is a great privilege and honor for us to welcome everyone and thank you for your participation and support for the 12<sup>th</sup> International Nursing Conference 2021 **“Reframing Nursing Education and Research: COVID-19 as Catalyst for Innovation”** The INC topics presented in this conference cover Public Health and Policy, Epidemiology, Food Nutrition and Health, Medical Microbiology, Molecular Biology, Pharmacological Aspect and Treatment, Tropical Diseases, Health Law and Policy.

Nurses and other health workers are at the forefront in responding to COVID-19. Nurses are the frontliners of the healthcare services. Nurses touch the life of their patients through compassion and competency. As the central of healthcare services, they make a difference by creating a safer healing environment for patients and their families. The main role of nurses in handling Covid-19 patients includes the role of providing communication, information and education (IEC), not only the government but all levels of society to actively conduct COVID prevention -19 following the recommendations and rules set.

Faculty of Nursing Universitas Airlangga got accreditation A (Excellent) for Bachelor and master's degree. We already got accreditation of AUN (ASEAN University Network). In February we carried out the Accreditation Board for the Bachelor of Engineering, Informatics / Computer Science, Natural Sciences and Mathematics (ASIIN), international accreditation. Most of our lecturer already have Scopus ID and we have many of doctoral degree lecturers. We will launch Double Degree Joint Program with University of Malaya for master's degree and with La Trobe University for Doctoral Degree soon. We have own journal that is Jurnal Ners which has been accredited as a 2nd Grade

Scientific Journal by the Ministry of Science, Research, Technology and Higher Education of Indonesia since 2010. Jurnal Ners indexed in major databases, such as Directory of Open Access Journal (DOAJ), Index Copernicus International (ICI), ASEAN Citation Index (ACI), PKP Index, Science and Technology Index (SINTA), WorldCat, Indonesian Publication Index (IPI), Google Scholar, Bielefeld Academic Search Engine (BASE), and will be indexed by SCOPUS soon.

Along with Universitas Airlangga vision to become a world class university and enter top World University Ranking, Faculty of Nursing, participates actively in reaching the vision. To achieve World Class University ranking, faculty need to reach the standards of World's top Universities such as Academic reputation, employer reputation, publication, faculty standard ratio, international students and exchange. International Nursing Conference is one of the few strategies that have been implemented by the faculty to increase publication standard.

Finally, I would like to thanks to all speakers, participants, and sponsors that helped the success of this event. I hope that this conference having good contribution in increasing the quality of research. Thanks to the organizing and scientific committee of INC 2021 who have worked very hard to run the conference. We thank our participants to present their research papers, to share extensively and exchange of ideas thoughts and discussions so that this conference facilitates the formation of networks among participants. Please enjoy the international conference. I hope, we all have a wonderful time at the conference and your presence in Surabaya would be a memorable one. Thank you.

Wassalamualaikum Warahmatullahi Wabarakatuh

Prof. Dr. Ah. Yusuf., S.Kp. M.Kes.

Dean, Faculty of Nursing Universitas Airlangga

## WELCOME MESSAGE



Assalamu'alaikum Warahmatullahi Wabarakatuh

The Honourable Rector of Universitas Airlangga, the Honourable Dean Faculty of Nursing, Universitas Airlangga, The Honourable Head of Co-Host Institutions, The Honourable Head of Indonesian National Nurses Association (INNA), The Honourable Head of Association of Indonesian Nurse Education Centre (AINEC), distinguished speakers, all participants and the organizing committees.

On behalf of the Organizing Committee I would like to express my thanks for your interest in participating in the 12th International Virtual Nursing Conference on Reframing Nursing Education, Research and Practice: COVID-19 as catalyst for Innovation. The theme of this conference invites all of us to gather and reflect upon our ongoing effort to leverage innovative approaches, drive productivity, and enhance sustainability to respond to the Covid-19 pandemic that has had deep impact on our livelihoods, economy, health system, and other sectors, particularly nursing education, research, and practice. The Covid-19 pandemic also has moved from a global shift from in-person gatherings to more virtual activities like today's conference.

Ladies and gentlemen,

After rigorous review, 300 abstracts were accepted for presentation and around 350 people including academicians, researchers and practitioners from across all four continents and different provinces in Indonesia participate in this two-days virtual conference.

It is my great pleasure to welcome you – on behalf of our organizing committee- to all the eminent speakers and participants for taking the time to share your views, knowledge and vast experience in this scientific event. I wish you and your family members are safe and healthy.

I must recognize at the very beginning that the success of this conference could not happen without support and participation from others. Firstly, I would like to take this opportunity to say thank you our great speakers and experts from our international co-operation and partnerships. We are fortunate to have partnered with Visayas State University, Philippine, Kaohsiung Medical

University Taiwan, Naresuan University Thailand, University of Brunei Darussalam, La Trobe University Australia, University of College Cork Ireland, Fukui University Japan, Badr University in Cairo, Karelia University, Metropolia University Finlandia, and Benha University, Egypt. Then, I am also proud to announce that the 12th virtual conference is being conducted along with the collaboration among seven Nursing Schools in Indonesia. They are the University of Sultan Agung, Strada, Health Polytechnique of the Ministry of Health Surabaya and Palu, the University of Muhammadiyah Surabaya, the Health Institute of Bina Sehat, and the Health Institute of Husada Jombang. Thank you for your collaboration and support in the running of this conference. Lastly, I also take this opportunity to thank all the members of organizing committee for their outstanding effort in preparing and organising this event. Once again, I warmly thank the speakers, co-hosts, committees, and sponsor who contributed in this event. Thank you for all of your generous support. I could not have done it without you!

In closing, I wish all of you have a good time and plenty of opportunity to connect, communicate, and engage with each other in the ideas and experiences here at this year's virtual conference. Therefore, there will be more ideas, suggestions and innovation in addressing the challenges of Covid-19 that will be discussed in the conference. Also, I look forward to different partnership and collaboration that result from your networking and discussions.

Thank you and happy conferencing!

Wassalamu'alaikum Warrahmatullahi Wabarakatuh

Nuzul Qur'aniati, S. Kep., Ns., M. Ng., PhD  
Chairman

# RUNDOWN PROGRAM

**12<sup>th</sup> International Nursing Conference Schedule**  
**"Reframing Nursing Education, Research and Practice: COVID-19 as Catalyst for Innovation"**  
**Surabaya, 7-8 April 2021**

Date and time	Agenda	PIC
Wednesday, 7 April 2021		
07.00-08.00	Registration	
08.00-09.00	Opening ceremony: <ul style="list-style-type: none"> <li>• Indonesia Raya Anthem</li> <li>• Hymne Airlangga</li> <li>• Opening Speech:               <ul style="list-style-type: none"> <li>– Chairman of the committee</li> <li>– Dean Faculty of Nursing</li> <li>– Rector Universitas Airlangga (via zoom)</li> </ul> </li> <li>• Opening Pray: "Pak Mahfudli"</li> </ul>	MC: Lingga Curnia Dewi
09.00-09.30	Keynote speaker: <i>Prof. Dr. Bambang</i> Sektiari Lukiswanto, DEA, DVM. Vice Rector for Academic Affair, Student, and Alumni Universitas Airlangga (via zoom).	MC: Lingga Curnia Dewi
09.30 – 10.45	<ul style="list-style-type: none"> <li>– Plenary session 1:               <ul style="list-style-type: none"> <li>– Prof. Bih-O Lee, Kaohsiung Medical University, Taiwan Effects of Robotic Care Interventions for Dementia Care: A Systematic Review and Meta-Analysis Randomized Controlled Trials</li> <li>– Prof. Dr Joel Rey, Visayas State University, Philipina "Reframing Nursing Education, Research, and Practice"</li> <li>– Dr. Muhammad Hadi, SKM., M.Kep, Chairman of Association of Indonesian Ners Education Center (AINEC) "Reframing Nursing Education, Research And Practice; Covid-19 As Catalyst For Innovation"</li> </ul> </li> <li>– Discussion session 1</li> </ul>	Moderator: Dr. Ninuk D.K Secretary: Ika Nur Pratiwi
10.45 – 12.00	<ul style="list-style-type: none"> <li>• Plenary session 2:               <ul style="list-style-type: none"> <li>– Tomoko Hasegawa, PhD, MPH, RN, Fukui University, Japan "Innovation in Nursing Education for Respiratory Care and COVID-19 Countermeasures in Fukui, Japan"</li> <li>– Dr. Harif Fadillah, S.Kp., S.H., M.Kep., M.H, Chairman of Indonesian National Nurses Association (INNA)</li> <li>– Dr. Khadizah H. Abdul-Mumin, University of Brunei Darussalam</li> </ul> </li> </ul>	Moderator: Dr. Yulis Setiya Dewi Secretary: Aria Aulia Nastiti

	<ul style="list-style-type: none"> <li>• Discussion session 2</li> </ul>	
12.00-13.00	Break (slide show poster presentation + EGC video presentation)	
13.00-14.45	<ul style="list-style-type: none"> <li>• Plenary session 3:               <ul style="list-style-type: none"> <li>– Dr Gulzar Malik, La Trobe University, Australia “Integration of evidence-based practice in nurse education: is there a gap?”</li> <li>– Ns. Dyah Wiji Puspita Sari, S.Kep., M.Kep, Unisula ”The Effect of The Role of Stunting Care Cardre On Optimization of Stunting Risk Reduction in Semarang City”</li> <li>– Nuzul Qur’aniati, S.Kep., Ns. M., MNg. PhD, Faculty of Nursing Universitas Airlangga “Indonesian children with HIV and their families'experiences of HIV care across the continuum”</li> </ul> </li> <li>• Discussion session 3</li> </ul>	Moderator: Dr. Mira T. Secretary: Rr Dian Tristiana
14.45-16.00	<ul style="list-style-type: none"> <li>• Plenary session 4:               <ul style="list-style-type: none"> <li>– Prof Chaherezade Ghazi, School of Nursing-Badr University in Cairo “Nursing Research &amp; The Cultural Impact of COVID-19”</li> <li>– Dr. Arja-Irene Tiainen, Karelia University, Finland</li> <li>– Dr. Aileen Burton, University of College Cork, Ireland</li> <li>– Prof. Eileen Savage, University of College Cork, Ireland</li> </ul> </li> <li>• Discussion 4</li> </ul>	Moderator: Dr. Ika Yuni Widyawati Secretary: Eka Mishbahatul M
16.00-16.15	Closing Day 1	
Thursday, 8 April 2021		
07.00-08.00	Registration Day 2	
08.00-08.15	Opening Day 2	
08.15-09.15	Plenary Session 5: <ul style="list-style-type: none"> <li>- Prof Lisa McKenna, La Trobe University, Australia</li> <li>- Dr. Noer Saudah, S. Kep. Ns., M. Kes , Stikes Bina Sehat PPNI ”Optimize metabolic condition to prevention COVID-19 Fatality”</li> <li>- Dr. Irsanty Collein, M.Kep., Ns. Sp.Kep.MB, Poltekkes Kemenkes Palu “KADO as an Innovation In Health Education Technique For Patient With CKD on Pandemic COVID-19”</li> </ul> Discussion session 5	Moderator: Ferry Efendi, PhD Secretary: Tiyas Kusumaningrum
09.15-10.15	Plenary session 6: <ul style="list-style-type: none"> <li>- Dr. Duangporn Piyakong, Naresuan University, Thailand</li> </ul>	Moderator: Dr. Yuni Sufyanti Arief Secretary: Ilya Krisnana

	<ul style="list-style-type: none"> <li>- Inne Soesanti, S.Sos., M.Kes, Poltekkes Kemenkes Surabaya “Food Choices Based On Health Have The Potential To Prevent Children From Stunting”</li> <li>- Dianis Wulan Sari, S.Kep., Ns., M.HS., PhD, Faculty of Nursing Universitas Airlangga “The 21st Century Pandemic: Older Adults Population”</li> </ul> <p>Discussion session 6</p>	
10.15-12.00	<p>Oral Presentation session 1:</p> <ul style="list-style-type: none"> <li>- Break out room according to theme</li> <li>- 7 minutes presentation and discussion</li> </ul>	Team
12.00-13.00	<p>Break (slide show poster presentation + EGC video presentation)</p>	
13.00-17.00	<p>Oral Presentation session 2</p> <ul style="list-style-type: none"> <li>- Break out room according to theme</li> <li>- 7 minutes presentation and discussion</li> </ul>	Team

# Combination Early Initiation of Breastfeeding and Oxytocin Massage Increases Prolactin Levels

Titi Maharrani, Evi Yunita Nugrahini

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## ABSTRACT

**Introduction:** Breastmilk (ASI) is the best food for babies up to 2 years of age or older. By providing breast milk (ASI) reduces the risk of various infections and other diseases. Aim : To identify the effect of the combination of IMD and Oxytocin Massage on Prolactin Hormone Levels in Post-partum Women.

**Method:** This research design is quasy experimental with Post Test Only Control Group Design. The sample of this research was taken by simple random sampling of 40 postpartum who were then divided into 4 groups consisting of 1 control group and 3 treatment groups. The dependent variable was early breastfeeding initiation and oxytocin massage, while the dependent variable was the level of the hormone prolactin. Measurement of the hormone prolactin levels through serum taken on day 3 post partum. Prolactin hormone levels were examined at the Kedungdoro Laboratory using the ELFA method.

**Results:** Anova test results in the four groups resulted in a p-value < 0.05 (0.000), which means that there was a significant difference in the mean prolactin levels between the control group and the treatment group.

**Conclusions:** All normal postpartum mothers are given a combination of IMD and oxytocin massage so that it can increase the hormone prolactin and the success of exclusive breastfeeding.

## KEYWORDS

early initiation of breastfeeding, oxytocin message, prolactin hormone