

## ACCEPTANCE LETTER

Dear Nor Azila Pangat,

We are pleased to inform you that your paper entitled, “DESIGNING A TRAINING NEEDS MODEL RELATED TO OBESITY FOR PRIMARY CARE NURSES IN HEALTH CLINICS, PAHANG”, has been accepted for ORAL PRESENTATION at the 3<sup>rd</sup> IIUM International Conference of Nursing 2023 with the theme of “Future global Direction in Nursing and Midwifery For Sustainable Healthcare Workforce, being held from July 12-13, 2023 in Kuantan, Pahang, Malaysia.

As the presenting author, you must be registered and have your registration fees paid in full by (Monday, June 25, 2023).

Once you have registered for the conference, you must make your own hotel reservations and other travel arrangements. The hotel reservation and other information are provided on this web <https://conference.iium.edu.my/3inc/>.

Congratulations on being selected to present your paper at the conference. If you have any enquiry or concern, please do not hesitate to contact the conference scientific committee at [iiumicon2023@gmail.com](mailto:iiumicon2023@gmail.com)/ [iiumicon@iium.edu.my](mailto:iiumicon@iium.edu.my). We look forward to welcoming you to Kuantan, Pahang, Malaysia and to the 3<sup>rd</sup> IIUM International Conference of Nursing 2023.

Sincerely,



Assoc. Prof. Dr. Mohd. Said Nurumal

Head

Scientific committee

3<sup>rd</sup> IIUM International Conference of Nursing 2023.

# DESIGNING A TRAINING NEEDS MODEL RELATED TO OBESITY FOR PRIMARY CARE NURSES IN HEALTH CLINICS, PAHANG

Muhammad Kamil Che Hasan, Azlina Daud, Siti Zuhaidah Shahadan,  
Nor Azila Pangat\*

Kulliyyah of Nursing International Islamic University Malaysia

\*Corresponding Author: [norazilapangat@gmail.com](mailto:norazilapangat@gmail.com)

# Background of study

- Primary care nurses play a vital role in preventing adults' obesity by delivering effective obesity-related health education.
- An effective health education related to obesity requires the primary care nurses to be knowledgeable and skillful. The traditional obesity training among primary care nurses is through continuous nursing education, conferences, seminars, and workshop.
- However, the prevalence of obesity among the Malaysian community is still increasing, reflecting that the obesity-related training for the primary care nurses is insufficient.
- Hence, it is important to assess the **obesity training needs** among the primary care nurses to ensure that the anticipated role of the primary care nurses is optimized.

# Aims of study

- The purpose of this study is to **develop a training needs model for primary care nurses related obesity** in equip them in facing increasing numbers of obesity in Malaysia.

# Research Objectives

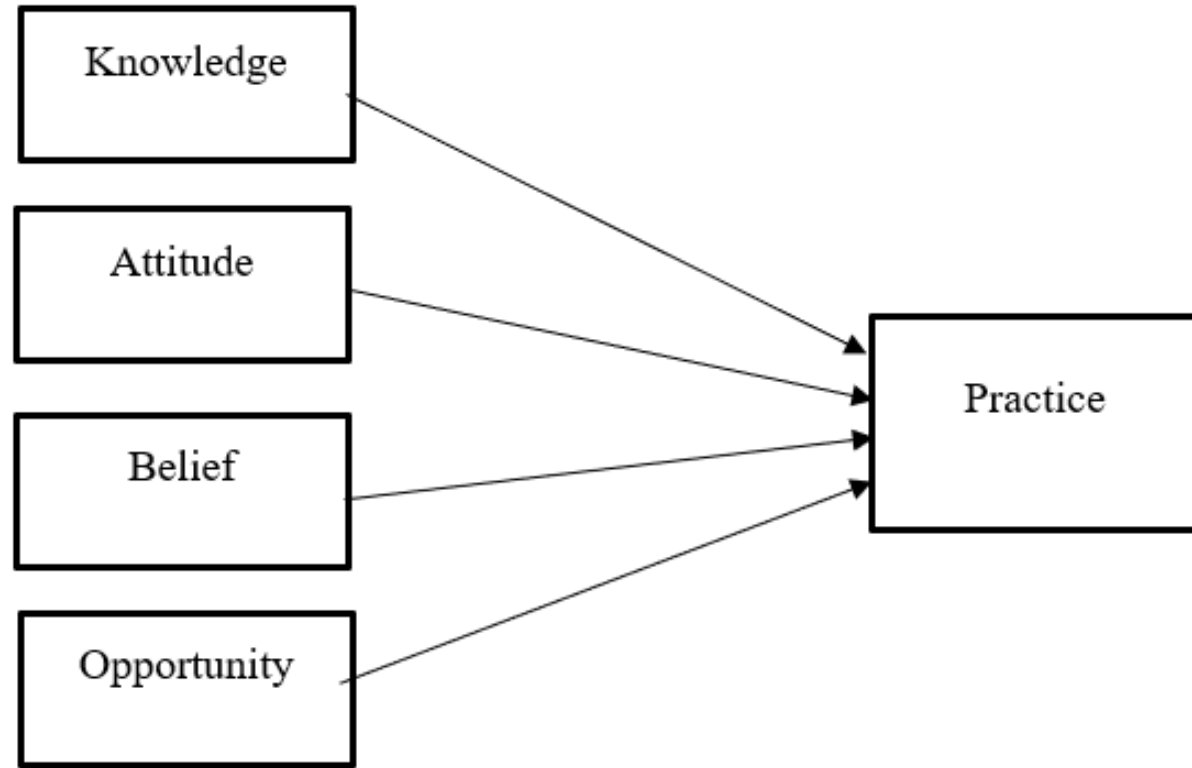
The study aims to achieve the following objectives:

1. To determine the knowledge, beliefs, attitudes, opportunity and practices related to obesity among the primary care nurses.
2. To measure the relationship between the knowledge, beliefs, attitudes, opportunity and practices related to obesity among the primary care nurses.
3. To develop a training needs model related to obesity for the primary care nurses.

# Hypotheses of Study

1. A low knowledge is associated with low practice on obesity among primary care nurses.
2. A low belief is associated with low practice on obesity among primary care nurses.
3. A low attitude is associated with low practice on obesity among primary care nurses.
4. A low opportunity is associated with low practice on obesity among primary care nurses.

# Conceptual Framework



# Methodology

- To facilitate the process to develop a training needs model for primary care nurses, a questionnaire will be adopted from Bucher Della Torre et al. and translated to the Malay version and distributed to primary care nurses in Pahang.
- Based on the findings of the training needs assessment, a training needs model was designed using **Partial Least Square-Structure Equation Modelling (PLS-SEM)**.



# Findings

**Table 4.1: Summary of Descriptive Statistics for Participant Demographic Characteristics and Training Information in the Study**

Variable	Mean	SD
Age	34.68	6.27
Year of working experience	10.06	6.21
Body Mass Index (BMI)	25.81	4.15
	Frequency	Percentage (%)
Attended obesity-related course during studies		
Do not remember	132	56.4
Yes	55	23.5
No	47	20.1
Followed training on obesity after graduation		
Yes	96	41.0
No	138	59.0
Type of training on obesity after graduation		
Short training (less than a week)	119	50.9
Long training (more than a week)	0	0
No training	115	49.1

N= 234

# Finding

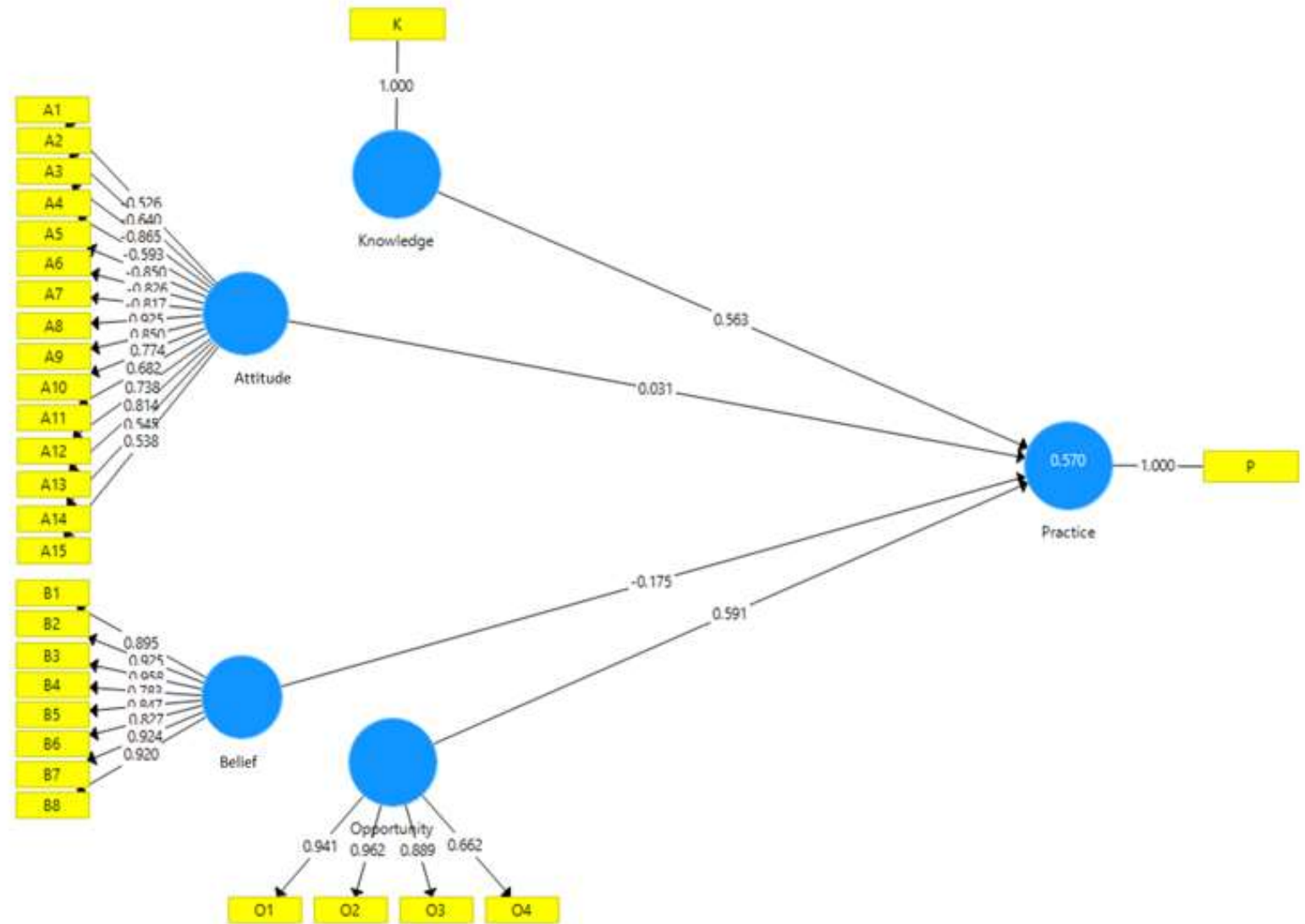
**Table 4.3: Correlation between Knowledge, Attitudes, Beliefs, Opportunities, and Practices Related to Obesity Among Primary Care Nurses**

<b>Variables</b>	<b>Practice</b>	
	<b>Pearson correlation, r</b>	<b>p-value</b>
Knowledge	0.08	0.249
Attitude	0.17	0.009*
Belief	0.46	<0.001*
Opportunity	0.57	<0.001*

\*. Significant at 0.05 level.

Figure 4-2: Inner Model

# Finding Partial Least Square- Structure Equation Modelling (PLS- SEM).



The inner model is a structural model that is used to predict causal relationships (causation relationships) between latent variables or variables that cannot be measured directly.

# Finding

**Table 6.7: Results of R-square value**

<b>Variable</b>	<b>R-square</b>	<b>Explanation</b>
<b>Practice among the primary care nurses in managing obesity</b>	0.570	Moderate

The R-square value of 0.570 means that these variables explain 57.0% of the practice of managing obesity. This falls into the moderate category, indicating a moderate level of explanation.

# Finding: Hypothesis Analysis

**Table 4.8: Table Path Coefficients**

<b>Hypothesis</b>	<b>Original Sample</b>	<b>t-Statistics</b>	<b>P Values</b>	<b>Explanation</b>
Knowledge -> Practice	0.563	10.635	<0.001	Significant
Attitude -> Practice	0.031	0.784	0.434	Not Significant
Belief -> Practice	-0.175	0.900	0.368	Not Significant
Opportunity -> Practice	0.591	3.404	0.001	Significant

# Discussion

- In this study indicates some **variability in knowledge levels among the nurses**. These results imply that there is **room for improvement and further education to enhance their knowledge** in this area.
- Many studies reported and suggested that the nurses should further education or training about healthy lifestyle assessment, obesity management and others (Kable et al., 2015).
- It is crucial to address this knowledge gap through targeted training programs or continuing education to ensure that nurses are well-equipped to provide effective obesity management.

# Discussion

- Overall, the findings of this study emphasize the **importance of ongoing education, training, and support** for primary care nurses in the context of obesity management.
- **Addressing knowledge gaps, fostering positive attitudes, reinforcing beliefs in the effectiveness of interventions, ensuring supportive opportunities, and recognizing and promoting best practices** are vital steps toward improving obesity management outcomes within primary care settings.

# Conclusion

- Policymakers can develop policies and guidelines for nurses' training that support evidence-based obesity management practices in primary care settings.
- By addressing knowledge gaps, promoting positive attitudes, strengthening beliefs in the efficacy of obesity management strategies, and creating more opportunities for nurses, healthcare systems can improve the quality of care for patients with obesity and contribute to better public health outcomes.



THANK YOU

# The 3rd IIUM International Conference of Nursing 2023

“Future Global Direction in Nursing and  
Midwifery for Sustainable Healthcare  
Workforce”

## PROGRAMME BOOK

July 12<sup>th</sup> -13<sup>th</sup> , 2023  
Swiss-Belhotel Kuantan, Malaysia



Co-Host

## Content

### Content

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## Welcoming Remarks from Dean of Kulliyyah of Nursing, International Islamic University Malaysia



Assalamualaikum wbt and Welcome to the 3rd IIUM International Conference of Nursing!

Kulliyyah of Nursing, International Islamic University Malaysia extends a heartfelt welcome to all the distinguished attendees, distinguished guests, dedicated nurses, and healthcare professionals gathered here today. The 3rd IIUM International Conference of Nursing, held in conjunction with the 40th Anniversary of the IIUM, provides a platform for us to come together as a community, exchange knowledge, foster collaboration, and shape the future of nursing.

As a profession, nursing has a special place in the hearts and minds of people all over the world. Nurses are compassionate caregivers who bridge the gap between patients and the healthcare system, offering vital support, comfort, and expertise to those in need. Nurses are the backbone of healthcare because of their tireless dedication, unwavering commitment, and profound impact on the lives of countless individuals.

Meanwhile, in today's rapidly changing healthcare landscape, nurses face a plethora of challenges and opportunities. Technological advancements, shifting demographics, and emerging health threats necessitate constant adaptation, innovation, and knowledge expansion. This conference will address these critical issues by bringing together a diverse group of experts, researchers, educators, and practitioners to share insights, discuss best practices, and investigate cutting-edge advancements in nursing care.

I imagine that this conference provides attendees with a unique opportunity to engage in thought-provoking discussions, gain new perspectives, and explore innovative approaches that will shape the future of nursing. Engaging keynote presentations, free paper presentations, and enlightening panel discussions may make a lasting impact in your respective fields. My heartfelt appreciation also goes to all of the speakers, presenters, and volunteers who generously shared their knowledge, time, and energy to help make this conference a reality. Your dedication to advancing nursing excellence is admirable, and we are grateful for your contributions.

Lastly, my heartfelt gratitude to our sponsors and partners, whose unwavering support has made this event possible. Your commitment to the advancement of the nursing profession and the improvement of patient outcomes is truly inspiring. I encourage all attendees to engage in meaningful conversations, make new connections, and take advantage of the wealth of knowledge and experiences available at this conference. Let us explore the transformative power of nursing together, inspire one another, and build a better future for healthcare. Thank you and enjoy the conference!

Assoc. Prof. Dr. Muhammad Kamil Che Hasan  
Dean, Kulliyyah of Nursing  
International Islamic University Malaysia

## Welcoming Remarks from Chairperson of the 3rd IIUM International Conference of Nursing 2023



Bismillahirrahmanirrahim

WELCOME TO THE 3RD IIUM INTERNATIONAL CONFERENCE OF NURSING 2023!

It is my great pleasure to welcome all of you to the 3rd IIUM International Conference of Nursing (IICoN) 2023. This conference is the 3rd International Nursing Conference hosted by the Kulliyah of Nursing International Islamic University Malaysia. This conference is more meaningful as it is also conducted in conjunction with the celebration of the 40th anniversary of IIUM. We are really delighted as this year we are collaborated with Sultan Haji Ahmad Shah Medical Center (SASMEC@IIUM), Malaysian Nursing Council of Higher Learning and Malaysian Nursing Association to welcome all the scholars, researchers, professionals, and postgraduate and undergraduate students to this beautiful event.

Kulliyah of Nursing conducted two international nursing conferences previously in the year of 2008 and 2014. Alhamdulillah, praise to Allah, both conferences were successful and memorable. Therefore, in this 3rd IICoN 2023 we are committed in providing scholars, researchers, and nursing professionals a platform for the discussions to exchange ideas and research findings in improving the quality of care, patients' outcomes, and the efficiency of the management of healthcare organisations. Parallel with the conference theme "Future Global Direction in Nursing and Midwifery for Sustainable Healthcare Workforce", we have invited renowned scholars in this field Professor Emeritus Dr. Wipada Kunakviktikul from Thailand and Professor Dr. Sally Chan from Hong Kong to deliver their keynote speech and as panellists in the discussion forum. We hope that the outcome of this conference could enlightened the issue of the sustainability of the healthcare workforce not only in Malaysia but also in other countries.

With respect to the hard work of the committee, I would like to express my deep appreciation and gratitude to all committee members, steering committee and technical committee for your commitment that have made this conference a success. Especially to the academics and administrative staff of the Kulliyah of Nursing who have made a great effort in realizing this conference to success.

Finally, I would like to thank all the keynote speakers, plenary speakers, forum panellists and fellow researchers for your willingness to share research knowledge and experience to all of us in this prestigious conference.

Once again, welcome to Malaysia, and please enjoy your stay in Kuantan, Pahang.

Thank you,

Assoc. Prof. Dr. Sanisah Saidi  
Chairman  
3rd IIUM International Conference of Nursing

## Keynote Speakers



### Professor Dr. Sally Chan

PhD, MSc, BSc, RN, RMN, RN(Psy)., FHKAN, FAAN, FFMRCISI  
President, Tung Wah College, Hong Kong

Dr. Sally Chan is a professor and global healthcare educator and researcher. She has extensive experience in the higher education sector. Her career influences the tripartite mission of research, education and practice. She focuses on translating evidence to improve healthcare practice outcomes, implementing teaching innovations, and mentoring new generations of healthcare professionals. Supported by more than 100 funded studies, more than 400 publications in international healthcare journals and international presentations, she has developed and sustained international inter-institutional partnerships. The results of her sustained research agenda and scholarship have made a recognized impact on healthcare practice and education in the Region. She has been named by the Journal of Advanced Nursing (JAN) as the top 10 Australia and New Zealand Professors with the highest education-focused citations (JAN 2018 <https://doi.org/10.1111/jan.13698>). She is on the list of the World's top 2% Scientists (2020) and the top 2% most-cited scientists in 2021 and 2022 released by the Stanford University. Professor Chan has been honoured for her significant and sustained contribution to nursing and healthcare. In 2022, she was inducted into Fellow Ad Eundem by Royal College of Surgeons in Ireland (RCSI) Faculty of Nursing and Midwifery; and the Honorary Fellowship by the Hong Kong Academy of Nursing. In 2013, she has been awarded the 'International Nurse Researcher Hall of Fame' by the Sigma Theta Tau International Honours Society of Nursing. She was also inducted into the Fellow of the American Academy of Nursing in 2013.

## Keynote Speakers



### **Professor Emerita Dr. Wipada Kunaviktikul**

PhD, RN, FAAN

Vice President in Health Science Academic Affairs and the Interim Dean of the School of Nursing at the Panyapiwat Institute of Management

Dr. Wipada Kunaviktikul is a Professor Emerita and the former Dean of the Faculty of Nursing, Chiang Mai University, Thailand. As part of her service to Chiang Mai University, she served as the Director of Nursing Policy and Outcome Center (NPOC), the Head of the World Health Organization Collaborating Center for Nursing and Midwifery Development, and the Director of the Center of Excellence in Nursing. She has also served on the Board of Directors of the International Network for Doctoral Education in Nursing (INDEN) and the International Virtual Nursing School (IVINURS). She obtained her doctoral degree from the University of Alabama at Birmingham, USA, in 1994 and a research fellow (post doctoral) certificate from Harvard University School of Public Health, USA. Dr. Wipada has conducted many research projects over the span of her career, specifically in the areas of nursing administration, policy, health care systems, and quality of care. Her publications have been accepted by national and international journals more than 100 papers, and she is regularly invited to speak at national and international conferences. She served as the Chair of the Chiang Mai University Master Degree Programme in Nursing Administration, was the Doctoral Administrative Committee, and served as Chair of Graduate Studies at the Faculty of Nursing, Chiang Mai University. She has also received several national and international awards including being inducted into the Sigma Theta Tau International, Honor Society of Nursing, USA International Nurse Researcher Hall of Fame in 2011; The University of Alabama at Birmingham's School of Nursing's Visionary Leader at their 60th Anniversary Celebration; the Council of University Faculty Senate of Thailand's National Distinguished Professor in Health Science Award in 2010. Most recently, she received the Honorary Doctory Degree in Nursing Science from Chiang Mai University.

## Plenary Speakers



### **Associate Professor Dr. Shefaly Shorey**

PhD RN RM

Alice Lee Centre for Nursing Studies, National University of Singapore

Dr. Shorey is an Associate Professor with tenure at Alice Lee Centre for Nursing Studies, National University of Singapore (NUS). Her research programme focuses on enhancing family and women's health. She has designed psychosocial and educational interventions for a varied group of populations and has published more than 180 peer-reviewed papers in high-impact factor journals. Dr. Shorey represents Singapore for the Southeast and East Asian Nursing Education and Research Network (SEANERN) and the Global Working Group (GWG) on Salutogenesis. Dr. Shorey's research has been regularly published in National Newspapers and broadcasted via Television and Radio Channels. Dr. Shorey is an experienced and award-winning educator who believes in lifelong learning and adopts a student-centered evidence-based approach to facilitate students' learning. Dr. Shorey has received various awards for her academic and research excellence. Of recent, she was awarded as President Nurse Award 2021, the highest nursing accolade for Singapore nursing.



### **Associate Professor Dr. Agus Setiawan**

PhD RN

Dean Faculty of Nursing, Universitas Indonesia

Dr. Agus Setiawan is an Associate Professor and Dean of Faculty of Nursing Universitas Indonesia. Currently He is the President of the Association of Indonesian Nursing Education Centre (AINEC). He is also the President of the Sigma Theta Tau International, Indonesia chapter. He completed his Doctoral and Master of Nursing at the University of Technology Sydney, Australia, and Bachelor of Nursing at Universitas Indonesia. His background is a community health nurse with specialization in community-based intervention, child health, access to health care, human resource for health, and health inequalities. Being both academician and public health practitioner, he has a mixed experience of generating evidence, and translating it into programmes and policies. He has several publications in the area, and actively involves in shaping policies, working with government and related stakeholders in Indonesia and surrounding countries in the region.



## Plenary Speake



### **Associate Professor Dr. Mohd Said Nurumal**

PhD RN

Kulliyyah of Nursing, International Islamic University Malaysia

Dr. Mohd Said Nurumal is an Associate Professor at Kulliyyah of Nursing in the Department of Critical Care Nursing, International Islamic University Malaysia (IIUM) and formally held the post of Dean at Kulliyyah of Nursing and Deputy Chairman for the Malaysian Nursing Council of Public Higher Learning Institution. Presently, he is a member of the Southeast and East Asian Nursing Education and Research Network (SEANERN) and is funded by the China Medical Board of the USA. He completed his basic nursing education at the University of Malaya and obtained his Bachelor of Nursing Studies (Hons) in Dublin, Ireland. He then pursues his Master of Science in Medical Education at the School of Medical Sciences, Universiti Sains Malaysia. He received conferment of the Doctoral of Philosophy degree in nursing from Chiang Mai University. Prior joining IIUM, he was an emergency practitioner at the Trauma and Emergency Department, University of Malaya Medical Centre. His research interest includes both nursing education and clinical practice mainly in trauma and emergency field and nursing assessment. He is currently undertaking research on CPR-AED programme for households in Malaysia context. He also actively supervises post-graduate students in the field of trauma, pre-hospital care, preceptorship programme, and smoking cessation programme at the present. Mohd Said Nurumal has received various awards for his academic excellence from his alma mater and International Islamic University Malaysia.



### **Madam Aisyahon Suhaimi**

RN, RM, PhD (Candidate)

President, Malaysia Nurses Association

Madam Aisyahon has 27 years of nursing experience and is presently employed as Chief Nursing Officer at Kuala Lumpur Hospital, the largest hospital in South East Asia (SEA). She is the President of Malaysian Nurses Association. She also chief editor of Journal of Malaysian Nurses Association (JOMNA) and Bulletin Malaysian Nurses Association. Currently she is a PhD candidate at University of Technology Mara (UiTM) and had earned her Master in Women Health from the same university. Apart from that she also trained midwife, having completed her training at Hospital Tengku Ampuan Rahimah, Klang. Represented Malaysian Nurses Association for presentation 2nd "Belt and Road" International conference Chinese Nursing Association (Beijing, China) "Protect Nurses' Safety and Right under Pandemic" (2022). Malaysian Nurses Association affiliated with International Council Nurses (ICN), Commonwealth Nurses & Midwives Federation (CNMF), Asian Operating Room Nurses Association (ASIORNA) and National Council of Women Organization (NCWO). Aisyahon is passionate about leadership and the quality of nursing care; she believes that this can be reached via the ability to think critically and continuously improve.

## Advisory Board

Patron

**Prof. Emeritus Tan Sri Dato' Dzulkifli Abdul Razak**  
(Rector, International Islamic University Malaysia)

Advisor I

**Assoc. Prof. Dr. Muhammad Kamil Che Hasan**  
(Dean, Kulliyah of Nursing, International Islamic University Malaysia)

Advisor II

**Prof. Dato' Dr. Mohamed Saufi Awang**  
(Hospital Director, Sultan Ahmad Shah Medical Centre  
SASMEC @IIUM)

## Organizing Committee

### A. STEERING COMMITTEE

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Vice Chairman II	Prof. Dr. Zamzuri Zakaria @ Mohamad
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Treasurer I	Mdm. Asmawati Che Ismail
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### B. SCIENTIFIC COMMITTEE

Scientific Committee/ Reviewer	Assoc. Prof. Dr. Mohd Said Nurumal
Medical Surgical Nursing	Asst. Prof. Dr Nik Noor Kaussar Nik Mohd Hatta
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Educational Tour	Matron Sarina Ahmad
Emergency Response Team	Dr. Mohamad Fadhi Azmi Dr. S.M. Wazien Wafa B. S. Saadun Tarek Wafa

## Tentative Programme

DAY 1: 12 <sup>th</sup> JULY 2023 /WEDNESDAY (23 Dzulhijjah 1444H)					
08:00am - 08:45am	Registration				
08:45am - 09:00am	Recitation of Al-Quran				
09:00am	Welcoming Remarks by Chairperson				
KEYNOTE AND PLENARY SESSION					
09:00am - 09:30am	<b>Plenary 1: Parenting Research: Current Trends and Way Forward</b> Assoc. Prof. Dr. Shefaly Shorey National University of Singapore				
09:30am - 10:00am	<b>Plenary 2: Strengthening Nursing Education in Indonesia for Future Global Challenges</b> Assoc. Prof. Dr. Agus Setiawan Universitas Indonesia				
10.00 - 10.30	Tea-break				
10:30am - 11:15am	<b>Keynote 1: Education 4.0: Transforming the Future of Healthcare Education</b> Prof. Dr. Sally Chan Tung Wah College, Hong Kong				
11:30am - 12:30pm	National anthem IIUM song Du'a recitation Silat performance Zapin performance Introductory remarks by Dean <i>Assoc. Prof. Dr. Muhammad Kamil Che Hasan</i> Welcoming remarks by Rector <i>Prof. Emeritus Tan Sri Dato' Dzulkifli Abdul Razak</i> Multimedia presentation (KON corporate video) Officiating speech by Deputy Minister of Higher Education Malaysia <i>YB Dato' Haji Mohammad Yusof Apdal</i> Photo session				
12:30pm - 02:00pm	Lunch				
CONCURRENT SESSION					
02:00pm - 05:00pm	Session 1	Session 2	Session 3	Session 4	Session 5
	Venue: Hall 1	Venue: Hall 2	Venue: Hall 3	Venue: Ballroom	Venue: Ballroom
END OF DAY 1					

## Tentative Programme

DAY 2: 13 <sup>th</sup> JULY 2023 / THURSDAY (24 Dzulhijjah 1444H)					
KEYNOTE AND PLENARY SESSION					
08:00am-08:45am	Registration				
08:45am-09:00am	Recitation of Al-Quran				
09:00am-09:45am	Welcoming Remarks by Chairperson				
09:00am - 09:45am	<b>Keynote 2: Building Healthcare Workforce for Future Sustainability</b> Prof. Emeritus Dr. Wipada Kunaviktikul Panyapiwat Institute of Management, Thailand				
09:45am - 10:15am	<b>Plenary 3: The Success Story of Nursing in Malaysia and its Direction of Care for the Nation</b> Assoc. Prof. Dr. Mohd Said Nurumal International Islamic University Malaysia				
10:15am - 10:30am	Tea-break				
10:30am - 11:00am	Tea-break talk by BSN				
10:30am - 11:00am	<b>Plenary 4: Roles of Nurses Association Towards Sustainable Direction in the Nursing Profession</b> Madam Aisyahon Suhaimi Chief Nursing Officer, Hospital Kuala Lumpur, Malaysia				
CONCURRENT SESSION					
11:15am - 12:30pm	Session 1 Venue: Hall 1	Session 2 Venue: Hall 2	Session 3 Venue: Hall 3	Session 4 Venue: Ballroom	Session 5 Venue: Ballroom
12:30pm - 02:00pm	Lunch				
02:00pm - 04:00pm	Forum <b>Future Global Direction in Nursing and Midwifery for Sustainable Healthcare Workforce</b> Moderator: Assoc. Prof. Dr. Muhammad Kamil Che Hasan Panelists : Prof. Dr. Sally Chan Prof. Emeritus Dr. Wipada Kunaviktikul Madam Aisyahon Suhaimi Madam Jayanthi Marimuthu				
04:00pm	Closing ceremony - Award Ceremony (Best 3 <sup>rd</sup> IICoN presenter) - Closing Speech by Chairman <i>Assoc. Prof. Dr. Sanisah Saidi</i>				
END OF CONFERENCE					

## Oral Presentation Schedule

<b>Session 1 (Day 1)</b> <b>Time: 2:00 pm - 5:00 pm</b> <b>Venue: Hall 1</b>	
Moderator/ Timekeeper: Asst Prof. Dr. Wan Hasliza Wan Mamat Judges: Asst Prof. Dr. Mohamad Firdaus Mohamad Ismail & Asst Prof. Dr. Nur Ain Mahat	
ID	Titles and Authors
001	The Development of a Monitoring System for Diabetes Patients with Uncontrolled High Blood Pressure  Authors: Paralee Opanant <sup>1</sup> , Rattanachat Komdee <sup>2</sup> , Nirachorn Yodwong <sup>2</sup> , Lanna Muenchan <sup>1</sup> , Punsukitt Tatong <sup>1</sup>
002	The Effects of Sleep Quality on Academic Performance Among University Students  Authors: Rohani Mamat <sup>1</sup> , Hamidah Hassan <sup>2</sup> , Siti Fatimah Sa'at <sup>3</sup> , Mazlinda Musa <sup>4</sup> , Mohamad Lan Abd.Wahab <sup>5</sup> , Dellian Joeshon Arnold <sup>6</sup> , Izzat Farhan Taringkin <sup>7</sup> , Siti Norfadzillah Azriman <sup>8</sup> .
003	Digital Health Understanding, Experimentation and Intention to Use: A Comparative Cross-Sectional Study among Medical and Nursing Students  Authors: Zulkhairul Naim bin Sidek Ahmad <sup>1,2</sup> , Siti Fatimah Sa'at <sup>3</sup>
004	Stigma And HIV Disclosure with Access to Health Services on Plhiv in Bangka Belitung Indonesia  Authors: Juita <sup>1</sup> , Sri Yona <sup>2</sup>
005	Self-Scheduling: A concept analysis  Authors: Ichsan Rizany <sup>1,2*</sup> , Hanny Handiyani <sup>3</sup> , Rr Tutik Sri Hariyati <sup>3</sup> , Yeni Rustina <sup>4</sup>
006	Culturally Adapted Family Intervention for People with Schizophrenia in Indonesia (Fusion): A Development and Feasibility Study Protocol  Authors: Laoise Renwick <sup>1*</sup> , Herni Susanti <sup>2</sup> , Helen Brooks <sup>1</sup> , Budi-Anna Keliat <sup>2</sup> , Tim Bradshaw <sup>1</sup> , Penny Bee <sup>1</sup> , Karina Lovell <sup>1</sup>
007	Obstetric Nurses' Perception on Job Satisfaction and Its Affecting Factors: A Qualitative Study  Authors: Changhong Li <sup>1</sup> , Siti Roshaidai Mohd Arifin <sup>2</sup> , Norfadzilah Binti Ahmad <sup>3</sup> , Abdurezak Abdulahi Hashi <sup>4</sup> , Edre Bin Mohammad Aidid <sup>5</sup>
008	Key Components of Discharge Intervention from Adolescent Mental Health Inpatients: A Narrative Review

Authors: Muhammad Amin Ahmad Zaki <sup>1,2</sup> , Nurasikin Sharif <sup>2</sup> , Azlina Daud <sup>2</sup> , Rekaya Vincent Balang <sup>3</sup>
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**Session 2 (Day 1)**

**Time: 2:00 pm -5:00 pm**

**Venue: Hall 2**

Moderator/ Timekeeper: Asst Prof. Dr. Harlinna Abu

Judges: Asst Prof. Dr Nurul'Ain Ahayalimudin & Asst Prof. Dr. Noor Azizah Mohd Ali

ID	Titles and Authors
009	Effects Of Providing Prenatal Education to Pregnant Women by Using New Instructional Media to Low Birth Weight Delivery In A Northern Province Of Thailand  Authors: Leekuan, Panitsara <sup>1</sup> , Sittiritkawin, Lukkana <sup>2</sup>
010	Needs of Elderly Care Assessment for the Potential Development of Elderly Care Volunteers  Authors: Panpimol Sukwong <sup>1</sup> , Paralee Opanant <sup>1</sup> , Lanna Muenchan <sup>1</sup> , Punsukitt Tatong <sup>1</sup> , Soranee Kerdthong <sup>2</sup>
011	Concept Analysis: Clinical Judgement in Intensive Care Unit Nurse  Authors: Denissa Faradita Aryani <sup>1</sup> , Yeni Rustina <sup>2</sup> , Elly Nurachmah <sup>2</sup>
012	Analysis of Determinant Factors of Coronary Heart Disease: A Cross-Sectional Study  Authors: Vino Rika Nofia <sup>1</sup> , Roza Marlinda <sup>2</sup> , Siska Sakti Anggraini <sup>3</sup>
013	Sleep Disorder: A concept Analysis  Authors: Nunung Nurhayati <sup>1,2</sup> Yeni Rustina <sup>1</sup> , Agung Waluyo <sup>1</sup>
014	Factors Influencing Clinical Decision Making for Emergency Nurses: Systematic Review  Authors: Saharuddin <sup>1</sup> , Elly Nurachmah <sup>2</sup> , Masfuri <sup>3</sup>
015	The Impact of Temperature During Aortic Declamping on Ventricular Tachyarrhythmia in Patients Undergoing Mitral Valve Surgery  Authors: Yuniyas Ihsanidar <sup>1</sup> , Elly Nurachmah <sup>2</sup> , Muhamad Adam <sup>2</sup>
016	The Impact of Early Tracheostomy Toward the Functional Outcome of Severe Head Injury Patients  Authors: Muhammad Farhan Mahmud <sup>1</sup> , Salizar Mohamed Ludin <sup>2</sup> , Mohamed Saufi Awang <sup>3</sup>

**Session 3 (Day 1)**

**Time: 2:00 pm- 5:00 pm**

**Venue: Hall 3**

Moderator/ Timekeeper: Asst Prof. Dr. Nik Noor Kaussar Nik Mohd Hatta

Judges: Asst Prof. Dr. Nurashikin Mohd Sharif & Asst Prof. Dr. Siti Zuhaidah Shahadan

ID	Titles and Authors
017	Effects of Stigma and Discrimination Against HIV Infected People Reduction Program Among Health Staff  Authors: Ampaiwan Boonkaewwan <sup>1</sup> , Nantiya Khoynueng <sup>2</sup> , Sananthachat Rodpai <sup>3</sup> , Sarapee Rattanaphan <sup>4</sup>
018	Acute Kidney Injury-Nursing Risk Assessment (AKI-NRA) Education Program for Surgical Department Nurses  Authors: Nooreena Yusop <sup>1</sup> , Ishamuddin Ismail <sup>2</sup> , Ruslinda Mustafar <sup>3</sup>
019	Effects Of Virtual Reality on Spiritual Needs of Patients Undergoing Dialysis: A Narrative Review  Authors: Rozaine Osman <sup>1</sup> , Siti Zuhaida Hussein <sup>2</sup> , Mohd Arif Atarhim <sup>3</sup>
020	Analysis Of Physical Mobility and Nutrition with Decubitus in Hospital Decubitus Patients Raden Mattaheer Jambi  Authors: Rhona Sandra <sup>1</sup> , Siska Sakti Anggraini <sup>2</sup> , Ahmad Kommarudin <sup>3</sup>
021	The Effect of Peer Group Support Intervention on Stigma and Adherence Arv Medicine Taking In People Living With Hiv/Aids In DKI Jakarta Prison  Authors: Iswanto <sup>1</sup> , Sri Yona <sup>2</sup>
022	Effectiveness Of Contraceptive Use Among Fertile Age Couples in Indonesia: Analysis of Idhs 2017  Authors: Chamy Rahmatika <sup>1</sup> , Siswanto Agus Wilopo <sup>2</sup> , Oktariyani Dasril <sup>3</sup> , Eliza Trisnadewi <sup>4</sup>
023	<i>Dealing with Treatment Challenges: A Self-management of Patients with Nasopharyngeal Cancer in Phase 3 of Cancer Trajectory</i>  Authors: Che Azunie Che Abdullah <sup>1</sup> , Sanisah Saidi <sup>2</sup> , Lee Siew Pien <sup>3</sup> , Zamzil Amin Asha'Ari <sup>4</sup>
024	Family Support and Quality of Life Among Patients with End Stage Renal Disease Undergoing Hemodialysis  Authors: Roza Marlinda <sup>1</sup> , Veolina Irman <sup>2</sup> , Sella Pebrianti <sup>3</sup>

**Session 4 (Day 1)**

**Time: 2.00 pm – 5.00 pm**

**Venue: Ballroom**

Moderator/ Timekeeper: Asst Prof. Dr. Lee Siew Pien,

Judge: Assoc Prof. Dr. Siti Mariam Muda & Asst. Prof. Dr Siti Hazariah Abdul Hamid

ID	Titles and Authors
025	Experience of Street Children Living In Panti Asuhan Aneuk Nanggroe Aceh Province Indonesia  Authors: Lisa Fitriani <sup>1</sup> , Sanisah Saidi <sup>2</sup> and Suryani Sulistiana Susanti <sup>3</sup>
026	Exploring on Factors that influence Mothers to Choose Epidural Analgesia During the Labor Process  Authors: Rozana Rahmat <sup>1</sup> , Siti Fatimah Sa'at <sup>2</sup> , Syabina Puteh <sup>3</sup> , Rohani Mamat <sup>4</sup> , Mazlinda Musa <sup>5</sup>
027	Becoming a caregiver: Experience of Volunteers in caring for Older Adults Living with Diabetes related complication  Author: Waratya Kulnitichai <sup>1</sup>
028	Implementation Of Co-Adaption of Family Intervention for People with Schizophrenia in Indonesia  Authors: HERNI SUSANTI <sup>*1</sup> , Budi-Anna Keliat <sup>1</sup> , Laoise Renwick <sup>2</sup> , Raphita Diorarta <sup>1</sup> , Dewi Wulandari <sup>1</sup> , Rizky Fadilah <sup>1</sup> , Suherman <sup>1</sup>
029	Socio-Demographic Characteristics, Symptom Profiles and Impact of Illness for People with Schizophrenia and Their Families  Authors: Budi-Anna Keliat <sup>1</sup> , HERNI SUSANTI <sup>*1</sup> , Dewi Wulandari <sup>1</sup> , Rizky Fadilah <sup>1</sup> , Raphita Diorarta <sup>1</sup> , Suherman <sup>1</sup> , Laoise Renwick <sup>2</sup>
030	Depression Among Older People in Nursing Homes: A Scoping Review  Authors: Helena Patricia <sup>1</sup> , Sharifah Munirah Syed Elias <sup>2</sup> , Hema Malini <sup>3</sup> Noor Azizah Binti Mohd Ali <sup>4</sup>
031	Risk Factors of Depression Among Minangnese Older People  Authors: Emira Apriyeni <sup>1</sup> , Helena Patricia <sup>2</sup> , Dwi Christina Rahayuningrum <sup>3</sup>
032	Stakeholder Perspectives of Family Interventions for Schizophrenia in Indonesia: A Qualitative Study  Authors: HERNI SUSANTI <sup>1</sup> , Helen Brooks <sup>2</sup> , Budi-Anna Keliat <sup>1</sup> , Tim Bradshaw <sup>2</sup> , Dewi Wulandari <sup>1</sup> , Rizky Fadilah <sup>1</sup> , Raphita Diorarta <sup>1</sup> , Suherman <sup>1</sup> , Penny Bee <sup>2</sup> , Karina Lovell <sup>2</sup> , Laoise Renwick <sup>2</sup>

**Session 5 (Day 1)**

**Time: 2:00 pm- 5:00 pm**

**Venue: Ballroom**

Moderator/ Timekeeper: Asst Prof. Dr. Syamsul Ahmad Ariffin

Judges: Asst. Prof. Dr. Shidqiyyah Abd Hamid & Asst. Prof. Dr. Noratikah Othman

ID	Titles and Authors
033	Family Support and Coping Mechanism in Chronic Kidney Failure Underwent Hemodialysis Therapy  Authors: Weni Sartiwi <sup>1*</sup> , Putri Dafriani <sup>2</sup> , Hasrinal <sup>3</sup>
034	The Effect Of Giving Young Papaya Fruit ( <i>Carica Papaya L</i> ) On Breast Milk Volume In Breastfeeding Mothers  Authors: Ika Yulia Darma <sup>1</sup> , Ima Wahyuni <sup>2</sup> , Ramah Hayu <sup>3</sup> , Silvi Zaimy <sup>4</sup>
035	Factors Associated with the Performance of Health Workers at Hospital Dr.Reksodiwiryono Padang in 2023  Authors: Oktariyani Dasril <sup>1</sup> , Annisa Novita Sary <sup>2</sup> , Chamy Rahmatika <sup>3</sup> , Sherly Marselina <sup>4</sup>
036	Quality Of Sleep and Peer Supportaffecting Adherence to Art in People with HIV In Lampung Indonesia  Authors: Wanto Silalahi <sup>1</sup> , Sri Yona <sup>2</sup>
037	Lifestyle, Quality of life and adherence to antiretroviral in people with HIV during Pandemic COVID-19 in Jakarta Indonesia  Authors: Sri Yona <sup>1</sup> , Elly Nurachmah <sup>2</sup> , Rita Ismail <sup>3</sup> , Regina Situmorang <sup>4</sup> .
038	Soft Skill Elements in Structured Nursing Clinical Skill Assessment on Specimen Collection Procedure: A Clinical Audit  Authors: Mohd. Said Nurumal <sup>1</sup> , Thandar Soe @ Sumaiyah Jamaludin <sup>1*</sup> , Norfadzilah Ahmad <sup>1</sup> , Siti Aesah @ Naznin Muhammad <sup>2</sup> , Chong Mei Chan <sup>3</sup>
039	Soft Skill Elements in Structured Nursing Clinical Skill Assessment on Transfusion-Related Procedure: A Clinical Audit  Authors: Thandar Soe @ Sumaiyah Jamaludin <sup>1</sup> , Mohd. Said Nurumal <sup>1*</sup> , Norfadzilah Ahmad <sup>1</sup> , Siti Aesah @ Naznin Muhammad <sup>2</sup> , Chong Mei Chan <sup>3</sup>
040	Benefits Of Community Gardening Among Elderly People: A Study at Chiangklang District, Nan, Thailand.  Authors: Pitakpong Panta <sup>1</sup> , Dech Dokpuang <sup>2</sup>

**Session 1 (Day 2)**

**Time: 11.15 AM – 12.30 PM**

**Venue: Hall 1**

Moderator/ Timekeeper: Asst Prof. Dr. Wan Hasliza Wan Mamat

Judges: Asst Prof. Dr. Mohamad Firdaus Mohamad Ismail & Asst Prof. Dr. Nur Ain Mahat

ID	Titles and Authors
041	The Unspeakable Secret of Sexuality Education Among Asian Parents: A Systematic Review  Authors: Mohammed Rasheedan Bin Ellin <sup>1</sup> , Siti Hazariah Binti Abdul Hamid <sup>2</sup> , Siti Roshaidai Binti Mohd Arifin <sup>3</sup> , Haliza Hasan <sup>4</sup>
042	A Review on The Needs to Explore, Assess and Redesigning of Preceptorship Program for Newly Graduated Nurses  Authors: Rozainiee Abdullah <sup>1,2</sup> , Mohd Said Nurumal <sup>1</sup> , Roshaya Zakaria <sup>2</sup>
043	Family Planning Practice During And Post Covid-19 Pandemic Crisis Among Married Couples In Johor, Malaysia  Authors: Nurul Syakinah Masazlin <sup>1</sup> , Norhasmah Mohd Zain <sup>2</sup> , Nurul Akmal Asnil Khairi <sup>3</sup>
044	Perceived Practice, Understanding And Attitude Towards Reflective Practice In Clinical Nursing Education Among Nurse Educator: A Mixed-Methods Study  Authors: Barkhis Azmi <sup>1,2</sup> , Ashikin Atan <sup>3</sup> , Noor Azizah Mohd Ali <sup>4</sup>
045	Adoption Of Augmented Reality For Disaster Preparedness Training: A Narrative Review  Authors: Syaza Izni Inarah Ahmad Jais <sup>1</sup> , Nurul'ain Ahayalimudin <sup>2</sup>
046	Designing A Training Needs Model Related To Obesity For Primary Care Nurses In Health Clinics, Pahang  Authors: Muhammad Kamil Che Hasan, Azlina Daud, Siti Zuhaidah Shahadan, Nor Azila Pangat*
047	Satisfaction Of Clinical Learning Environment Among Undergraduate Nursing Students In Universiti Sains Malaysia  Authors: Iswaneedawati Binti Abdul Jalil <sup>1</sup> , Norhasmah Mohd Zain <sup>2</sup>

**Session 2 (Day 2)**

**Time: 11.15 am – 12.30 pm**

**Venue: Hall 2**

Moderator/ Timekeeper: Asst Prof. Dr. Harlinna Abu

Judges: Asst Prof. Dr Nurul'Ain Ahayalimudin & Asst Prof. Dr. Noor Azizah Mohd Ali

ID	Titles and Authors
048	Exploring Psychological Distress Experiences Among Intensive Care Unit Nurses While Caring for Covid-19 Patients  Authors: Nur Aqeela Ahmad Fisal & Salizar Mohamed Ludin*
049	Ethical Issues Framework in Intensive Care Unit During Covid-19 Pandemic in Malaysia: A Review  Authors: Nor Atiqah Azhar <sup>1</sup> , Mohamad Firdaus Mohamad Ismail <sup>2</sup> , Siti Zuhaidah Shahadan <sup>3</sup> , Salizar Mohamed Ludin <sup>4</sup> , Tuan Sidek Tuan Muda <sup>5</sup> , Muhammad Amin Ahmad Zaki <sup>6</sup>
050	Participation Of Children in Shared Decision-Making: Children Roles  Authors: Nur Ainsyafinaz <u>Shamsuddin</u> <sup>1</sup> , <u>Lee Siew Pien</u> <sup>2</sup> , Ashikin <u>Atan</u> <sup>3</sup>
051	Effects of Home-based Physical Exercise and Cognitive Training on Cognitive Performance in Elderly with Mild Cognitive Impairment  Authors: Zurratul Aina Mohd Zahidin <sup>1</sup> , Norlinda Abd. Rashid <sup>2</sup> , Nurasikin Mohamad Shariff <sup>3</sup> , Mohd Shaiful Ehsan Shalihin <sup>4</sup>
052	A Preliminary Study on The Patients' Experiences in Receiving Spiritual Care at Shari'ah Compliance Hospital  Authors: Nur Alia Hairulisa <sup>1,2</sup> Nurasikin Mohamad Shariff <sup>1</sup> , Siti Nur Illiani Jaafar <sup>2</sup> , Aminudin Che Ahmad <sup>3</sup> , Machouche Salah <sup>4</sup> , Wan Hasliza Wan Mamat <sup>1</sup>
053	The Experienced of ICU Nurses in Caring for Covid-19 Patients from The Perspective of Physical Well-Being and Coping Strategies  Authors: Liyana Syatirah binti Ab Razak <sup>1</sup> , Salizar Mohamed Ludin <sup>2</sup>
054	Developing Islamic Approach to Nurses Caring for Covid19 Patients in Icu Setting in Malaysia  Authors: Nur Mursyidah binti Abdul Hamid <sup>1</sup> , Mohamad Firdaus B. Mohamad Ismail <sup>1</sup> , Siti Zuhaidah Bt. Shahadan <sup>1</sup> , Salizar Bt. Mohamed Ludin <sup>1</sup> , Nazri B. Mohd Yusof <sup>2</sup> , Tuan Sidek B. Tuan Muda <sup>3</sup>

**Session 3 (Day 2)**

**Time: 11.15 AM – 12.30 PM**

**Venue: Hall 3**

Moderator/ Timekeeper: Asst Prof. Dr. Nik Noor Kaussar Nik Mohd Hatta

Judges: Asst Prof. Dr. Nurashikin Mohd Sharif & Asst Prof. Dr. Siti Zuhaidah Shahadan

ID	Titles and Authors
055	Promising Effect of Stingless Bee Kelulut Honey in The Healing of Diabetic Foot Ulcer Authors: Pirehma Marimuthu <sup>1</sup> , Aniawanis Bt Makhtar <sup>2</sup> , Nik Aizah Nabila Faheem <sup>3</sup>
056	Analyzing Healthcare Professionals' Perception on The Provision of Pre-Pregnancy Care for Women with Pre-Existing Diabetes in Nigeria Authors: Asafa Kafayat Omowunmi <sup>1*</sup> , Siti Mariam Binti Muda, Haliza Hasan <sup>1</sup> , Salizar Bt Mohamed Ludin <sup>1</sup> and Amirah Fatin Ibrahim <sup>1</sup>
057	Cultural Modification and Adaptation of ESCAPE-pain programme for Patients with Knee OA in Malaysia Authors: Muhammad Kamil Che Hasan <sup>1,2</sup> , Emma Stanmore <sup>1,3,4</sup> , Chris Todd <sup>1,3,4</sup>
058	Stroke Knowledge and Informational Needs Among International Islamic University Malaysia Nursing Students: A Preliminary Study Authors: Siti Noorkhairina Sowtali <sup>1</sup> , Nur Hazelin Hanim Halid <sup>2</sup>
059	Use Of Infrared Thermography in Early Detection of Phlebitis in Adult Patients: An Intergrative Review Authors: Azlina Daud <sup>1</sup> Nur Hafiza Hashim <sup>2</sup>
060	Understanding the Family Involvement in Caring Older People with Chronic Musculoskeletal Pain in the Community. Authors: Muhammad Kamil Che Hasan <sup>1</sup> , Nurin Syafiqah Mohd Jaias <sup>2</sup>
061	Knowledge, Attitude and Practice Among Healthcare Staffs in The Emergency Department, Sultan Ahmad Shah Medical Centre @IIUM (SASMEC @IIUM) Towards Potential of Rape Cases in One Stop Crisis Centre (OSCC) Authors: Faiz Izzuddin A Ishak <sup>1</sup> , Abdul Alif Abdul Hamid <sup>2</sup>

**Session 4 (Day 2)**

**Time: 11.15 AM – 12.30 PM**

**Venue: Ballroom**

Moderator/ Timekeeper: Asst. Prof. Dr. Lee Siew Pien

Judge: Assoc Prof. Dr. Siti Mariam Muda & Asst. Prof. Dr Siti Hazariah Abdul Hamid

ID	Titles and Authors
062	<p>Relationship Between Previous Hand Hygiene Training and Hand Hygiene Behavior Among Elderly in Kudat</p> <p>Authors: Mazlinda Musa<sup>1</sup>, Hamidah Hassan<sup>2</sup>, Rohani Mamat<sup>1</sup>, Siti Fatimah Sa'at<sup>3</sup>, Malehah Mohd Noh<sup>4</sup>, Azizan Omar<sup>5</sup>, Syed Syarizman Abd Rahim<sup>5</sup>, Mohd Yusof Ibrahim<sup>5</sup>, Nornazirah Azizan,<sup>6</sup> Azali Saudi<sup>7</sup></p>
063	<p>Heat-Related Climate Events Influence on Children's Mental Health In Southeast Asia: A Scoping Review</p> <p>Authors: Nadiah Shamsuddin<sup>1</sup>, Mohamad Firdaus Mohamad Ismail<sup>2</sup>, Siti Zuhaidah Shahadan<sup>3</sup></p>
064	<p>The Impact of Group-based Cognitive Hypnotherapy on Somatic Symptoms and Neuroendocrine Levels in Patients with Anxiety Disorder: A Randomized Clinical Trial</p> <p>Authors: Zhang Hanyue<sup>1</sup>, Norhasmah Mohd Zain<sup>1</sup>, Raishan Shafini Bakar<sup>2</sup>, Nur Adibah Solihin Sulaiman<sup>1</sup>, Na Liu<sup>3</sup></p>
065	<p>Exploring The Self-Care Of Patients With An Intestinal Stoma And Healthcare Provider's Support For The Self-Care</p> <p>Authors: Nor Ayliwati Ali<sup>1,2</sup>, Sanisah Saidi<sup>1</sup>, Nurasikin Mohamad Shariff<sup>1</sup>, Patimah Abdul Wahab<sup>1</sup>, Siti Nur Illiani Jaafar<sup>1</sup></p>
066	<p>A Study on Depression, Anxiety, Coping Skills, And Quality of Life Among Antenatal Women in Kuantan, Pahang</p> <p>Authors: Nur Aqilah Binti Mohd Abadi<sup>1</sup>, Siti Roshaidai Mohd Arifin<sup>1</sup>, Khadijah Hasanah Abang Abdullah<sup>2</sup>, Khairi Che Mat<sup>3</sup>, Noor Azimah Muhammad<sup>4</sup>, Shanti Wardaningsih<sup>5</sup></p>
067	<p>Depression, Anxiety, Coping Skills and Quality of Life Among Pre-University Students in Kuantan, Pahang.</p> <p>Authors: Aisyah Wahidah Yuhasri'azan<sup>1</sup>, Siti Roshaidai Mohd Arifin<sup>1</sup>, Khadijah Hasanah Abang Abdullah<sup>2</sup>, Khairi Che Mat<sup>3</sup>, Noor Azimah Muhammad<sup>4</sup>, Shanti Wardaningsih<sup>5</sup></p>



068	<p>Review Of the Ameliorative Effects Of Southeast Asia Native Plants To Treat Gestational Diabetes Mellitus</p> <p>Authors: Syahir Haziq Bin Ibrahim<sup>1</sup>, Redzuan Nul Hakim Abdul Razak<sup>2</sup></p>
069	<p>Prevalence And Determinants Of Test Anxiety Among Nursing Students In Selangor, Malaysia</p> <p>Authors: Manjit Kaur Khaira<sup>1</sup>, Raja Lexshimi Raja Gopal<sup>2</sup>, Suriati Mohamed Saini<sup>3</sup> and Zaleha Md Isa<sup>4</sup></p>

**Session 5 (Day 2)**

**Time: 11.15 AM – 12.30 PM**

**Venue: Ballroom**

Moderator/ Timekeeper: Asst. Prof. Dr. Syamsul Ahmad Ariffin

Judges: Asst. Prof. Dr. Shidqiyyah Abd Hamid & Asst. Prof. Dr. Noratikah Othman

ID	Titles and Authors
070	Telephone CPR: A Mixed Method Study on The Challenges Of Medical Emergency Coordination Centre Serdang Hospital In Providing Ambulance Dispatch Services For Out-Of-Hospital Cardiac Arrest Patients  Authors: Rafiq Sumardi Omar <sup>1</sup> , Sherin Intan Abu Bakar <sup>2</sup> , Mohd. Said Nurumal <sup>3</sup> , Muhammad Kamil Che Hasan <sup>4</sup> , Siti Roshaidai Mohd Arifin <sup>5</sup> , Nur Ain Mahat <sup>6</sup>
071	Integration of Components Soft Skills in Clinical Assessment: A Systematic Literature Review  Authors: Wan Umi Kalsum Wan Idris <sup>1</sup> *, Norfadzilah Ahmad <sup>2</sup> , Hanida Hani Mohd Mokhtar <sup>3</sup> , Mohd. Said Nurumal <sup>4</sup>
072	A Feasibility Study of WhatsApp-Based Intervention Programme for Older Adults Living with Chronic Knee Pain Guided by UK MRC Framework  Authors: Muhammad Kamil Che Hasan <sup>1</sup> , Suliza Sulaiman <sup>1,2*</sup>
073	Effects of <i>My Vocab</i> book in Learning Words of Children with Autism Spectrum Disorder: A Pilot Study  Authors: Hasanah Pairoh & Patimoh Nima
074	Sustainable Education for Refugee Children: A Quasi experimental study  Authors: Thandar Soe @ Sumaiyah Jamaludin, Mohd. Said Nurumal, Masmunaa Hassan
075	Analysing And Exploring the Prehospital Care Competency of Emergency And Trauma Department Personnel At Sultan Ahmad Shah Medical Centre: A Survey Study  Authors: Syuibatul Islamiah Mahirah Md Salleh <sup>1</sup> , Thandar Soe @ Sumaiyah Jamaludin <sup>1</sup> , Mohd. Said Nurumal <sup>1</sup> , Muhammad Lufti Abd Talib <sup>2</sup> , Muhammad Kamil Che Hasan <sup>1</sup>
076	Sustaining Baby Friendly Hospital Initiative: Participatory Action Research  Authors: Nor Ashikin Addenan <sup>1</sup> , Siti Mariam Muda <sup>2</sup> , Amirah Fatin Ibrahim <sup>3</sup>
077	The use of Jigsaw puzzle methods with the aid of Padlet digital board in enhancing the learning experience of nursing students

	Authors: Maziah Ahmad Marzuki <sup>1</sup>
--	--



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# Abstract

046- Day 2- Presentation, Session 1, Venue: Hall 1

## Designing a Training Needs Model Related to Obesity for Primary Care Nurses in Health Clinics, Pahang

Muhammad Kamil Che Hasan, Azlina Daud, Siti Zuhaidah Shahadan,  
Nor Azila Pangat\*

Kulliyah of Nursing International Islamic University Malaysia

\*Corresponding Author: norazilapangat@gmail.com

### ABSTRACT

**Background:** Primary care nurses play a vital role in preventing adults' obesity by delivering effective obesity-related health education. An effective health education related to obesity requires the primary care nurses to be knowledgeable and skilful. The traditional obesity training among primary care nurses is through continuous nursing education, conferences, seminars, and workshop. However, the prevalence of obesity among the Malaysian community is still increasing, reflecting that the obesity-related training for the primary care nurses is insufficient. Hence, it is important to assess the obesity training needs among the primary care nurses to ensure that the anticipated role of the primary care nurses is optimized.

**Aims:** The purpose of this study is to develop a training needs model for primary care nurses related obesity in equip them in facing increasing numbers of obesity in Malaysia.

**Methodology:** To facilitate the process to develop a training needs model for primary care nurses, a questionnaire will be adopted from Bucher Della Torre et al. and translated to the Malay version and distributed to primary care nurses in Pahang. Based on the findings of the training needs assessment, a training needs model was designed using Partial Least Square-Structure Equation Modelling (PLS-SEM).

**Findings:** Based on the findings there is a significant positive association between knowledge and practice in managing obesity among primary care nurses. This suggests that having a solid knowledge base is crucial for effective obesity management. However, the relationships between attitude and practice, as well as belief and practice, are not statistically significant, indicating that attitudes and beliefs may not be the sole determinants of actual practice. On the other hand, the relationship between opportunity and practice is statistically significant, highlighting the importance of creating more opportunities for nurses to actively engage in obesity management practices. Overall, these findings emphasize the significance of knowledge and opportunities in influencing the practice of managing obesity among primary care nurses and suggest areas for intervention and improvement in healthcare settings.

**Conclusion:** Policymakers can develop policies and guidelines for nurses' training that support evidence-based obesity management practices in primary care settings. By addressing knowledge gaps, promoting positive attitudes, strengthening beliefs in the efficacy of obesity management strategies, and creating more opportunities for nurses, healthcare systems can improve the quality of care for patients with obesity and contribute to better public health outcomes.

**Keywords:** training needs model, obesity, primary care nurse


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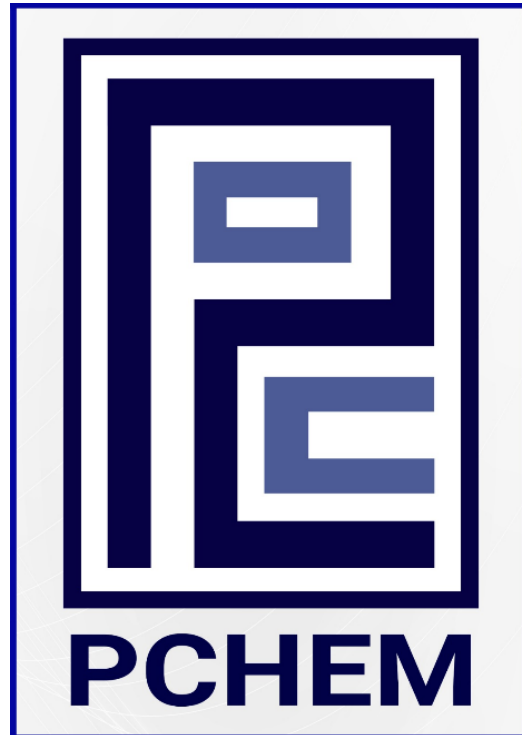
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Basic Medical Sciences for Nursing	Asst. Prof. Dr. Mohd Hanif Jainlabdin
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	Asst. Prof. Dr. Nur Ain Mahat
	Br Mohd Shariffudin Hj. Lokman

**Mu'adh ibn Anas reported:**

***The Prophet, peace and blessings be upon him, said, "Whoever imparts knowledge will have the reward of whoever acted upon it, without detracting from the reward of one who acted."***