



THE GLOBAL PUBLIC HEALTH CONFERENCE 2018

" Revitalizing Resilience towards the Emergence of Healthy Communities "

CONFERENCE SCHEDULE BOOK

06-07

FEBRUARY
KUALA LUMPUR
MALAYSIA

Chairing
06/02/2018
@ 11.45 am



THE GLOBAL PUBLIC HEALTH CONFERENCE 2018

06th & 07th FEBRUARY, 2018 | KUALA LUMPUR, MALAYSIA



TECHNICAL PROGRAM

DAY 01 - TUESDAY, 06TH FEBRUARY, 2018

INAUGURATION SESSION

Tuesday, 06th February 2018 | 08.30 to 10.20 | (Arcadia II)

08.30 – 09.30	Conference Registration
09.30 – 09.40	Lighting of the Oil Lamp and National Anthem
09.40 – 09.50	Welcome Address by the Conference Convener Mr. Isanka P. Gamage (Co-Founder & Managing Director - The International Institute of Knowledge Management (TIKM), Sri Lanka)
09.50 – 10.05	Speech by the Conference Chair Professor Dr. Wong Li Ping (University of Malaya, Malaysia)
10.05 – 10.20	Speech by the Hosting Partner Assistant Professor Dr. Mohd Said Nurumal (Dean - Kulliyyah of Nursing, International Islamic University, Malaysia)
10.20 – 10.35	Conference Photograph
10.35 – 11.00	Morning Refreshments

KEYNOTE FORUM

Tuesday, 06th February 2018 | 11.00 to 12.30 | (Arcadia II)

11.00 – 11.45	"Global Environmental Changes and Health" Dr. Nasrin Agha Mohammadi (University of Malaya, Malaysia)
11.45 – 12.30	Asst. Prof. Dr. Siti Noorkhairina Sowtali (International Islamic University Malaysia (IIUM), Malaysia)

TECHNICAL SESSION 01: NON COMMUNICABLE DISEASES

Tuesday, 06th February 2018 | 12.30 to 13.30 | (Arcadia II)
Chaired by Dr. Bishnu P Choulagai (Tribhuvan University, Nepal)

12.30 – 12.50	A1	Energy Intake and Risk Factor for Diabetes Mellitus Type 2 among Children at Dr. M. Djamil Padang Hospital Azrimaidaliza ¹ , Rozaliny Asri ¹ (¹ University of Andalas, Indonesia)
12.50 – 13.10	A2	A Study Exploring the Relationships between Diabetic Foot Ulcer Pain and Health-Related Quality of Life of Older People in Malaysia Aniawanis M ¹ , Dinah G ² , Sally A ² (¹ International Islamic University, Malaysia, ² Cardiff University, United Kingdom)
13.10 – 13.30	A3	Incidence and Risk Factors of Phlebitis among Adult Patients with Peripheral Intravenous Catheter Daud A ¹ , Mohamad F ¹ (¹ International Islamic University, Malaysia)
13.30 – 14.30	Networking Lunch	

A3

[03]

INCIDENCE AND RISK FACTORS OF PHLEBITIS AMONG ADULT PATIENTS WITH PERIPHERAL INTRAVENOUS CATHETER

A. Daud¹ and F. Mohamad¹

¹ International Islamic University Malaysia, Malaysia

ABSTRACT

The insertion of peripheral intravenous catheter (PIVC) is essential among hospitalized patients for treatment purposes. However, this procedure usually fails before the end of therapy due to many complications. One of the most complications occurred is phlebitis. Therefore, this study aims to determine the incidence rate of phlebitis among patients with PIVC and the factors associated with phlebitis. There were 161 data collected among patients who had PIVC in medical, gynecology and orthopedic wards. The incidence of phlebitis was evaluated using modified Visual Infusion Phlebitis (VIP) score checklist. The incidence of phlebitis, is 32.3% (n=52). The associated factors that contributed to the incidence of phlebitis in this study were present of chronic disease and patients with history of phlebitis ($p<0.05$). Overall, phlebitis was the most frequent reason of PIVC removal and complication in this study. This high incidence from the result indicated a worrying outcome. This study demonstrated that patients with chronic disease and history of phlebitis were most likely to develop phlebitis.

Keywords: Phlebitis, Risk Factors, Adult Patients, Peripheral Intravenous Catheter

Session's Best Presentation

Presented to

AZLINA DAUD

for the presentation titled:

**INCIDENCE & RISK FACTORS OF
PHLEBITIS AMONG ADULT PATIENTS**

in the session of

"NON COMMUNICABLE DISEASES"

at the

The Global Public Health Conference 2018

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06th - 07th February 2018

Kuala Lumpur, Malaysia


Professor Dr Wong Li Ping
Conference Chair


Mr. Isanka P. Gamage
Conference Convenor



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