



Malaysian Society
of Anaesthesiologists



College of
Anaesthesiologists, AMM

Malaysian Society of Anaesthesiologists & College of Anaesthesiologists, AMM

ANNUAL SCIENTIFIC CONGRESS 2019

4th - 7th July 2019

Ipoh Convention Centre
Ipoh, Perak, Malaysia

SOUVENIR PROGRAMME

Anaesthesia: Challenges in the 2020s



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MESSAGE



I wish to thank the Malaysian Society of Anaesthesiologists (MSA) and the College of Anaesthesiologists (CoA), Academy of Medicine of Malaysia for asking me to pen this message.

I understand that the MSA/CoA Annual Scientific Meeting is organised on a rotational basis, alternating within and outside of Klang Valley and this is the first time that the city of Ipoh, Perak is hosting this prestigious event. Please allow me to congratulate both the MSA and the CoA for having this very inclusive arrangement of having a joint conference, and I extend my appreciation to the local organising committee for taking up the challenge of co-organising one of the biggest annual medical congresses in the country.

“Anaesthesia: Challenges in the 2020s” is a theme that is apt, timely and well chosen. It is good that we poise ourselves at the eve of every decade as to what is expected of us in the coming future.

The anaesthesia fraternity in Malaysia has always been in the forefront in embracing changes and development that bring progress in the field of Anaesthesiology, Critical Care and Peri-Operative Medicine in the country. In the coming decades, developments in medical sciences and technology especially the role of artificial intelligence, big data and precision medicine in healthcare will continue to pose serious challenges that will require the specialty and its subspecialties to acquire new knowledge and skills continuously. Other areas that will require your close attention are changes in disease epidemiology, the economics of healthcare delivery, training of young doctors for the future and collaborative partnerships with other medical and surgical disciplines.

Malaysia is frequently cited as having one of the best healthcare systems in the world. Much of it is the result of direct contributions of various medical societies in providing quality and up-to-date continuous medical education activities. Looking at the scientific programme and faculty, I am confident that the MSA and the CoA have risen to the occasion again and the delegates will benefit from the meeting greatly.

I wish you a successful and excellent meeting.

Datuk Dr Noor Hisham Abdullah
Director-General of Health
Ministry of Health Malaysia

MESSAGE



It is with great pleasure and honour that I welcome you to the Annual Scientific Congress of the Malaysian Society of Anaesthesiologists and College of Anaesthesiologists, Academy of Medicine of Malaysia.

First and foremost, I would like to thank Datuk Dr Ding Lay Ming, Perak State Health Director, for gracing our occasion representing the Director-General of Health Malaysia. The support of the Ministry of Health is very meaningful to the anaesthesia community. The Malaysian Society of Anaesthesiologists was founded in 1964 and, to date, we have around 800 members.

This Congress has been a much awaited event every year for the anaesthesia fraternity not just because of its scientific content but also because it is an excellent platform to expand our network, establish collaboration or to simply meet old friends. This is the first time that we are organising the Congress

in Ipoh, Perak. I would like to thank the Organising Committee as well as the Local Organising Committee, distinguished speakers and facilitators, the MSA secretariat and the industries for showing a tremendous amount of support and commitment in ensuring the success of this congress.

The theme of this congress this year is Anaesthesia; Challenges in the 2020s. This is the right congress to attend if you are looking for challenges and the resolutions in the future of anaesthetic practice.

As a representative body for anaesthesiologists, the Society not only promotes continuing medical education, professionalism and research, but also protects the welfare and interests of anaesthesiologists and the specialty in the country whilst ensuring high quality patient care and safety.

Anaesthesiology is not only the branch of medicine which makes surgery safe, feasible and possible, it has also given birth to specialties like Pain Medicine and Critical Care Medicine. The MSA aims to provide a wide array of CME activities in anaesthesia, critical care and pain medicine by organising seminars, workshops, conferences and evening talks. We encourage collaboration of educational events, both at the local and international level. In fact, we have successfully organised many International meetings, the latest being the World SIVA-TCI meeting in August last year at the KLCC Convention Centre.

Every year we never failed to celebrate “World Anaesthesia Day” in the month of October at national and state level to increase the public awareness about the contributions of anaesthesiology and anaesthesiologists in healthcare. In no other branch of medicine do you get a better understanding and training of vital organ management and life saving skills such as airway management and resuscitation. The practice of anaesthesiology is the epitome of safety.

In order to prove our academic capability and the MSA’s commitment to continuous medical education, we have regularly been publishing the “MSA Year Book” as a digest covering updates related to clinical practice by Malaysian authors.

I am confident that you will have an enjoyable and fruitful Congress. I would like to thank all participants for joining us and welcome you once again to the MSA/CoA Annual Scientific Meeting 2019.

Professor Dr Marzida Mansor
President
Malaysian Society of Anaesthesiologists



MESSAGE



It is my pleasure to welcome you to the 2019 Annual Scientific Congress of the Malaysian Society of Anaesthesiologists and the College of Anaesthesiologists (ASC of the MSA/CoA), on 4th to 7th July 2019 at the Ipoh Convention Centre, Ipoh, Perak. This is the first time that the meeting is held in Ipoh, Perak. We are greatly excited to welcome fellow colleagues, associates and friends to Ipoh. The Local Organising Committee has done a splendid job to showcase Ipoh which is well known for its caves, food and culinary delights.

The Scientific Committee has aptly chosen the theme “Anaesthesia: Challenges in the 2020s” as we march into the next decade. The scientific programme consists of plenaries and concurrent symposia which will be delivered by an esteemed faculty of distinguished speakers from abroad and locally. There will be intra-congress workshops during the main conference. Six pre-congress workshops have been organised.

As we reconnect with each other once more at our Annual Scientific Congress that has grown in stature and splendour over the years, it is my hope that both the content of the Congress and the various networking opportunities available over the four days will meet your expectations.

The Organising Committee and I look forward to welcoming you to this Congress.

Dato' Dr Jahizah Hassan

President, College of Anaesthesiologists, AMM &
Organising Chairperson, MSA and CoA Annual Scientific Congress 2019

MESSAGE



On behalf of the Local Organising Committee (LOC), it is a great pleasure and honour to welcome all of you to Ipoh, Perak. This is the first time that Ipoh is hosting the MSA and CoA Annual Scientific Congress which makes this 'extra special' for us.

We have been working closely with the Organising Committee for the last eight months. In keeping with the theme for this year "Anaesthesia: Challenges in the 2020s", the Scientific Committee has strived to put up interesting and current topics to be delivered by esteemed experts. We will be spoilt for choice. There are also the pre-congress workshops which will provide "hands-on" experience to the participants.

The LOC has worked hard to provide a suitable environment which we hope will enable the delegates to mix, mingle and learn.

Ipoh, originally a village, rapidly grew once tin was discovered in the 1800s.

Ipoh's popularity as a tourist destination has been boosted by its British colonial architecture. The city is also well known for its cuisine and natural attractions such as the limestone hills and caves.

Do take this opportunity to explore the sights, sounds and tastes of Ipoh as well.

The LOC welcomes you to Ipoh and hopes that you will have an enjoyable few days.

Dr Kavita M Bhojwani

Chairperson, Local Organising Committee
MSA and CoA Annual Scientific Congress 2019



MSA HONORARY MEMBER - PROFESSOR DR GRACIE ONG SIOK YAN

Citation by Professor Dr Marzida Mansor



Today I am grateful to be given the opportunity to share with you someone in my life who has influenced me and many others greatly, a passionate intensivist who has led an incredible career in Anaesthesiology.

Intelligent, generous and graceful, just like her name, Professor Dr Gracie Ong Siok Yan was born in 1943 and spent her early years in Malacca. Upon completion of her high school education, she was accepted into the University of Singapore where she completed her primary medical degree in 1968. She trained under prestigious professors during her housemanship at University Hospital before returning to her hometown where she served as a medical officer at the General Hospital, Malacca.

The year 1972 marked the beginning of what would be Professor Dr Gracie's remarkable career, as she returned to University Hospital upon completion of her government service - this time as a trainee in anaesthesiology.

Professor Dr Gracie was always ahead of her time, so naturally, her career brought her to many places such as Sydney, the USA and London - just to name a few. Nevertheless, these periods of working abroad came in between the steady number of years where Professor Dr Gracie gave her unwavering service to the Department of Anaesthesiology, University of Malaya. During these years, she trained in cardiac anaesthesia which helped shape her into the renowned intensivist she is today.

Due to her excellent work and contributions for over a decade both at the University Hospital and on the University's Medical Faculty Board, Professor Dr Gracie was appointed Head of the Department in 1999. This same year, she was named honorary alumnus by the University of New South Wales. With her extensive skills and experience, she spearheaded the department to greater heights. Her generosity with her knowledge helped boost the number and quality of graduates from our department. Her big heart and kindness were felt by everyone working with her. After more than 30 years of service to the University, it comes as no surprise that she was awarded a certificate of excellent service seven times by the University.

But it does not end there. Professor Dr Gracie is not just a proficient clinician, she is also an active researcher and a distinguishable tutor. During the span of her career, she has published 66 papers, authored numerous manuals and books and given prestigious lectures, all while making the time to impart her knowledge to students in various fields. Moreover, she has contributed extensively to professional organisations and the greater community, most significantly as Chairperson to the Regional Committee of Training, College of Anaesthetists of New Zealand and Australia and as Vice President to the Parenteral and Enteral Society of Malaysia (PENSMA) for almost a decade.

Professor Dr Gracie's husband was the late Professor Dr John Bosco, Professor of Medicine at University of Malaya and they have three children who are all practicing medicine.

She has devoted her life to intensive care and cardiac anaesthesiology, which is why I am more than honoured today to be standing up here to award someone who has been not only my mentor but also a big sister to me: the one and only Professor Dr Gracie Ong Siok Yan as she receives the well-deserved award of honorary membership of the Malaysian Society of Anaesthesiologists.

MALAYSIAN SOCIETY OF ANAESTHESIOLOGISTS OFFICE BEARERS 2019-2020



President	Professor Dr Marzida Mansor
Immediate Past President	Dato' Dr Jahizah Hassan
President-Elect	Associate Professor Dr Ina Ismiarti Shariffuddin
Chairperson	Datin Dr V Sivasakthi
Hon Secretary	Dato' Dr Yong Chow Yen
Hon Treasurer	Dato' Dr Subrahmanyam Balan
Committee Members	Dr Gunalan Palari Datuk Dr V Kathiresan Dr Mohd Azizan Ghazali Dr Shahridan Mohd Fathil Dato' Dr Wan Rahiza Wan Mat





COLLEGE OF ANAESTHESIOLOGISTS, AMM OFFICE BEARERS 2019-2020

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Dato' Dr Jahizah Hassan

Vice President

Dato' Dr Subrahmanyam Balan

Hon Secretary

Dr Gunalan Palari

Hon Treasurer

Dato' Dr Wan Rahiza Wan Mat

Council Members

Dr Hasmizy bin Muhammad
Dr Muhammad Maaya
Dr Seah Keh Seng
Dr Vanitha Sivanaser

Coopted Council Members

Professor Dr Marzida Mansor
Dr Melor b Mohd Mansor



ORGANISING COMMITTEE



- Advisor**
- Chairperson**
- Deputy Chairperson**
- Local Chairperson**
- Secretary**
- Treasurer**
- Sponsorship & Trade**
- Publications**
- Promotion & Publicity**
- Social**

- Datin Dr V Sivasakthi
- Dato' Dr Jahizah Hassan
- Dr Raveenthiran Rasiah
- Dr Kavita Bhojwani
- Professor Dr Marzida Mansor
- Dr Gunalan Palari
- Dato' Dr Subrahmanyam Balan
- Dato' Dr Jahizah Hassan
- Dr Gunalan Palari
- Dr Raveenthiran Rasiah
- Datuk Dr V Kathiresan
- Dato' Dr Yong Chow Yen
- Dr Azarinah Izaham
- Dr Mafeitzeral Mamat
- Dr Mohd Azizan Ghazali





SCIENTIFIC COMMITTEE

Chairperson
Deputy Chairperson / Neuroanaesthesia
Airway Management
Critical Care
Regional Anaesthesia
Cardiac / Thoracic
Paediatrics
Field Anaesthesia
Pain Management
Obstetrics Anaesthesia

Dato' Dr Wan Rahiza bt Wan Mat
Dr Vanitha Sivanaser
Dr Muhammad Maaya
Associate Professor Dr Raha Abdul Rahman
Dr Mafeitzeral Mamat
Dato' Dr Yong Chow Yen
Dr Hasmizy bin Muhammad
Associate Professor Dr Ina Ismiarti Shariffuddin
Dr Shahridan Mohd Fathil
Professor Dr Marzida Mansor
Dr Mohd Azizan Ghazali



LOCAL ORGANISING COMMITTEE



Chairperson	Dr Kavita Bhojwani
Treasurer	Dr Kong Lee Ding
Opening Ceremony	Dr Azlina bt Mohamad Dr Rohanizah bt Alias Dr Haslinda bt Sulong Dr Cheah Pike Kuan
Pre-Congress Workshops	Dr Foong Kit Weng Dr Devanandhini Krisnan Dr Siti Rohayah bt Sulaiman Dr Chan See Yun
Hotel Accommodation	Dr Valarmathi A/P Chandrasegar Dr Khairul Izmar b Aminodin
Social	Dr Rawiyah bt Ramli Dr Nor Khali Salhah bt Ahmad Zaini
Speaker Souvenirs and Conference Bags	Dr R Usha V R Nair Dr Murni Sari bt Ahmat Arbi Dr Cheang Peak Chee
Congress Dinner	Datin Dr Najah bt Tan Sri Hj Harussani Dr Anizah bt Bin Yamin Dr Wan Salwanis bt Wan Ismail Dr Siti Intan Zurhaida bt Md Zainal Abidin





FACULTY

Australia

Bernd Froessler
Jeffrey Lipman

Belgium

Lynette Dominguez

Germany

Lars Konge

India

Ashok Kumar Saxena
Ekta Rai
P S Jaganathan

Ahmad Afifi Arshad
Amiruddin Nik Kamil
Anwar Hau
Anwar Suhaimi
Ariffin Marzuki Mokhtar
Azarinah Izaham
Azlina Masdar
Azmi Alias
Azrin Mohd Azidin
Chan See Yun
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Ng Siew Ping
Kevin Ng Wei Shan
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Nor'azim Mohd Yunos
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Usha Rajah
Wang Chew Yin
Wong Yoke Lian
Carolyn Yim Chue Wei
Yong Chow Yen
Zuraini Md Noor

CONGRESS INFORMATION



Registration QR Code

To expedite registration process please present your QR code which has been sent to you via email for scanning at Registration Desk.

Congress Mobile Apps

Abstracts of official lectures, poster and oral presentations can be accessed in the AMM Events Apps. If you have not received an email with apps download link please proceed to the Congress registration counter for assistance.

Certificate of Attendance

E-certificates will be sent via e-mail to participants after the Congress. Please ensure the Secretariat has your e-mail address.

CPD Points

The following points have been allocated

Main Congress: 20 points

Full-Day Pre-congress Workshop: 6 points

Half Day Pre-congress Workshop: 4 points

Opening Ceremony

All registered delegates are invited to the Opening Ceremony on Friday 5th July 2019 at 1000-1100 hrs in Ballroom 1, Ipoh Convention Centre, Ipoh, Perak.

Faculty Dinner

Faculty members of the Congress are invited for dinner on Friday 5th July 2019. If you have not received an email invitation please enquire at the Congress Secretariat.

Congress Dinner

All registered delegates are invited to the Congress Dinner on Saturday 6th July 2019 at 1900 hrs at the Ballroom 1, Ipoh Convention Centre. The theme is "Oscar Night: Glam and Glitter". Tickets for accompanying persons/ guests are available at RM130.00 per person at the Congress Registration desk.

Tour Programme

1. Tourism Perak Desk: Tour enquiry can be made at the desk on Friday 5th July 2019.
2. Ipoh Old City Tour: Friday 5th July 2019. Limited number. Please book at Congress Registration Counter.
3. Lost World of Tambun theme park discount voucher: please find discount voucher in your registration pack. Limited number on first-come first-served basis.



OPENING CEREMONY

5th July 2019 (Friday)

Venue

Ballroom 1, Level 4, Ipoh Convention Centre, Ipoh, Perak

PROGRAMME

- 0940 - 1010 Arrival of Dato' Dr Ding Lay Ming
National Anthem
Recital of Doa
- 1010 - 1035 Speeches
Dato' Dr Jahizah Hassan
Organising Chairperson, MSA and CoA Annual Scientific Congress 2019 &
President, College of Anaesthesiologists, Academy of Medicine of Malaysia
Professor Dr Marzida Mansor
President, Malaysian Society of Anaesthesiologists
Dato' Dr Ding Lay Ming
Director of Health, Perak State Representing the Director-General of Health Malaysia
- 1035 - 1040 Citation on Professor Dr Gracie Ong Siok Yan, Honorary Member
by Professor Dr Marzida Mansor
- 1040 - 1045 Launch of Recommendations for Peripheral Nerve Blocks
- 1045 - 1050 Presentation of Montage
- 1050 - 1100 Cultural Presentation
- 1100 - 1110 Opening of Trade Exhibition in the Exhibition Centre
- 1110 Press Conference

CONGRESS DINNER



6th July 2019 (Saturday)

Venue

Ballroom 1, Level 4, Ipoh Convention Centre, Ipoh, Perak

Theme

Oscar Night: Glam and Glitter

PROGRAMME

1900 - 1945	Arrival of Guests and Delegates
1945 - 2000	Arrival of YB Dr Lee Boon Chye Deputy Minister of Health Malaysia
2000 - 2005	Recital of Doa
2005 - 2010	Welcome Speech by Dato' Dr Jahizah Hassan Organising Chairperson, MSA and CoA Annual Scientific Congress 2019
2010 - 2030	Dinner is served
2030 - 2045	Presentation of Awards Presentation of Congress Awards <ul style="list-style-type: none">• MSA Award• MSA Young Investigator Award• e-Poster Awards Presentation of the Dato' Dr Radha Krishna Sabapathy Masters in Anaesthesiology Best Student Awards <ul style="list-style-type: none">• November 2018 Examination Dr Tham Li Yeen• May 2019 Examination Dr Looi Ji Keon
2045 - 2200	Entertainment Best Dressed Awards
2200	End of Function



PROGRAMME SUMMARY

Date Time	5 th July 2019 (Friday)	6 th July 2019 (Saturday)	7 th July 2019 (Sunday)	
0730 - 0800	Registration	Breakfast with the Examiners		
0800 - 0830	PLENARY 1		PLENARY 7	
0830 - 0900	PLENARY 2	PLENARY 4	PLENARY 8	
0900 - 0930	PLENARY 3			
0930 - 1000	Opening Ceremony	PLENARY 5	SYMPOSIA	
1000 - 1030		Morning Break & Trade Exhibition	13	14
1030 - 1100				IN-CONGRESS CONCURRENT WORKSHOP 5
1100 - 1130	Morning Break & Trade Exhibition	SYMPOSIA	Morning Break & Trade Exhibition	
1130 - 1200	SYMPOSIA	7	8	
1200 - 1230	1	9	ABSTRACT PRESENTATIONS	
1230 - 1300	2	MSA Extraordinary General Meeting (for members only) / Lunch	15	
1300 - 1330	Lunch Symposium		16	IN-CONGRESS CONCURRENT WORKSHOP 6
1330 - 1400	3		Closing Ceremony	
1400 - 1430	Friday Prayers	PLENARY 6	Lunch	
1430 - 1500	SYMPOSIA			
1500 - 1530	SYMPOSIA	SYMPOSIA		
1530 - 1600			4	5
1600 - 1630			6	IN-CONGRESS CONCURRENT WORKSHOP 3 & 4
1630 - 1700	Afternoon Break & Trade Exhibition	10	11	
1700 - 1730		12		
1900 - 2200	FACULTY DINNER (by invitation only)	CONGRESS DINNER		

4th July 2019 (Thursday)
Pre-Congress Workshop 1 - 6

PRE-CONGRESS WORKSHOPS

4th July 2019 (Thursday)



1. FLEXIBLE BRONCHOSCOPY WORKSHOP

Venue : Bougainvillea 6, Level 3A, Ipoh Convention Centre, Ipoh, Perak

This workshop is headed by [Professor Lars Konge](#), MD PHD Copenhagen Academy for Medical Education & Simulation, Capital Region and University of Copenhagen. He will be assisted by a faculty of facilitators consisting of [Dr Eric Tang Boon Kiat](#), [Dr Jusmidar binti Abdul Jamil](#), [Dr Lena Lee Meng-Li](#) and [Dr Ng Siew Ping](#). The workshop coordinator and contact person is [Dato' Dr Yong Chow Yen](#).

WORKSHOP SYNOPSIS

Flexible bronchoscopy is a clinical procedure that requires good technical skills to perform. These skills can be acquired through hands-on training on phantoms, simulators, or patients (supervised). However, theoretical knowledge on anatomy and technique of flexible bronchoscopy is a prerequisite for mastering the procedure.

This workshop will use a combination of informative lectures, hands-on teaching using simulators and supervised practice. Participants will gain knowledge on airway anatomy, learn step by step approach to bronchoscopy and understand how to perform bronchial wash/BAL, brushing and biopsies. At the end of the course the participants should be able to master the skills of maneuvering the bronchoscope in a gentle and effective way while identifying all bronchial segments.

The target audience is doctors in the fields of anesthesiology and intensive or critical care who are interested in learning or extending their bronchoscopic skills. A structured feedback to participants on their competency level based on a validated assessment tool and certification of competency will be awarded. All participants will receive the booklet: "Practical guide to Bronchoscopy in the ICU" for continued practice and training of junior colleagues in their home institution.

PROGRAMME

0900 - 0915	Welcome and Introduction
0915 - 0930	Why Learn Bronchoscopy?
0930 - 1015	Bronchial Anatomy and Scope Handling
1015 - 1030	Coffee Break
1030 - 1130	Hands-On Session 1
1130 - 1145	Simulation-Based Training
1145 - 1245	Hands-On Session 2
1245 - 1345	Lunch
1345 - 1400	Single-Use vs Traditional Bronchoscopes
1400 - 1500	Hands-On Session 3
1500 - 1515	Coffee Break
1515 - 1600	Performing Test Procedures
1600 - 1630	Feedback On Tests + Advanced Training
1630 - 1700	Questions, Feedback and Evaluation



PRE-CONGRESS WORKSHOPS 4th July 2019 (Thursday)

2. TRANSTHORACIC AND TRANSESOPHAGEAL ECHOCARDIOGRAPHY WORKSHOP

Venue : Ballroom 2, Level 4, Ipoh Convention Centre, Ipoh, Perak

OVERVIEW

This workshop will provide a comprehensive review of Transthoracic (TTE) and Transesophageal Echocardiography (TEE) for doctors with interest in echocardiography and wish to gain additional practical experience in these specific areas. A series of lectures on selected topics will be presented in the morning while the practical session in the afternoon includes hands-on training on live patients and TEE simulator, case studies and images discussion on dedicated workstations.

LEARNING OBJECTIVES

1. Understand the principles of echocardiography.
2. Describe the standard views of TTE and TEE.
3. Discuss the role of echocardiography to evaluate valves pathology.
4. Describe the utility of 2D echocardiography and Doppler method in assessment of cardiac function and hemodynamic.

PROGRAMME

0800 - 0830	Registration
0830 - 0900	General Principles of Echocardiography <i>Hasmizy Muhammad</i>
0900 - 0930	Transthoracic Echocardiography Examination <i>Hasmizy Muhammad</i>
0930 - 1000	Transesophageal Echocardiography Examination <i>Lee Jong-Hwan</i>
1000 - 1030	Right and Left Ventricle Size and Function <i>Lee Jong-Hwan</i>
1030 - 1100	Break
1100 - 1130	Mitral and Aortic Valves <i>Kim Tae-Yop</i>
1130 - 1200	Tricuspid and Pulmonary Valves <i>Zuraini Md Noor</i>
1200 - 1230	Hemodynamic Echocardiography Assessment <i>Zuraini Md Noor</i>
1230 - 1300	Cardiac Masses, Pericardial and Pleural Effusion <i>Haslan Ghazali</i>
1300 - 1400	Lunch
1400 - 1700	Practical Session
	Station 1:TTE Examination <i>Hasmizy Muhammad</i>
	Station 2:TEE Examination <i>Lee Jong-Hwan</i>
	Station 3: Hemodynamic Echocardiography Assessment <i>Zuraini Md Noor</i>
	Station 4: Aortic Valves <i>Kim Tae-Yop</i>
	Station 5: Mitral Valve <i>Mohamad Hanafi Mohd</i>
	Station 6: Tricuspid and Pulmonary Valves <i>Haslan Ghazali</i>



3. FASCIAL PLANE BLOCK & ERAS WORKSHOP

Venue : Ambulatory Care Centre, Hospital Raja Permaisuri Bainun, Ipoh, Perak

Faculty : Mafeitzeral Mamat (Coordinator), Azrin Mohd Azidin, Amiruddin Nik Mohd Kamil, Ahmad Affi Arshad, Lim TC, Yasuhiro Morimoto

This workshop is intended for anaesthetists of all skill levels who wish to improve their skills at performing ultrasound-guided fascial plane blocks.

The workshop focuses on three specific ERAS clinical pathways and the relevant fascial plane block techniques that are used with each (abdominopelvic surgery, breast reconstructive surgery, and orthopedic/orthotrauma surgery).

The format includes small participant-to-instructor ratios, and a customized curriculum focusing on developing hands-on skills.

PROGRAMME

0800 - 0830	Registration
0830 - 0845	Welcome Address & Overview Of Agenda <i>Mafeitzeral Mamat</i>
0845 - 0915	The Role of Surgery and Anesthesia in Enhanced Recovery: Multimodal Analgesia & Beyond <i>Yasuhiro Morimoto</i>
0915 - 1030	Ultrasound-Guided Fascial Plane Blocks Fascial Plane Blocks for General Surgical/Colorectal, Gynecologic, Urologic and Bariatric Procedures (Transversus Abdominis Plane (TAP) Block, Rectus Sheath Block, Quadratus Lumborum Block) Live Demo 1 & Scanning
1030 - 1045	Coffee Break
1045 - 1200	Fascial Plan Blocks for Breast Reconstructive & Thoracic Procedures (PECS I, PECS II, Serratus Plane Block, Erector Spinae Block) Live Demo 2 & Scanning
1200 - 1330	Fascial Plane Blocks for Orthopedic/Orthotrauma Procedures (PENG, Fascia Iliaca Block, Erector Spinae Plane Block) Live Demo 3 & Scanning
1330	Lunch and Closing



PRE-CONGRESS WORKSHOPS 4th July 2019 (Thursday)

4. FIELD SURGICAL CARE WORKSHOP

Venue : Bougainvillea 2, Level 3A, Ipoh Convention Centre, Ipoh, Perak

Faculty : *Shahridan Fathil* (Coordinator), *Miguel Trelles*, *Lynette Dominguez*, *Mohd Arshil Moideen*, *Omar Loman*,
Kamarul Alhaqq Abdul Ghani

The workshop is designed to prepare anaesthetists and surgeons to provide quality surgical care in the immediate post-disaster response and/or resource limited environment.

The faculty will be led by referents from MSF Operation Center Brussels, assisted by volunteers from MSF missions and doctors from the Malaysian Armed Forces.

PROGRAMME

0745 - 0815	Registration
0815 - 0830	Introduction <i>Shahridan Fathil</i>
0830 - 0900	Surgical Activities in the Field <i>Miguel Trelles</i>
0900 - 0930	Prerequisite to Surgery <i>Lynette Dominguez</i>
0930 - 1000	MSF Protocols <i>Miguel Trelles</i>
1000 - 1030	Tea Break
1030 - 1100	MSF Surgical Tools <i>Lynette Dominguez</i>
1100 - 1130	Malaysian Field Hospital <i>Mohd Arshil Moideen</i>
1130 - 1200	Mass Casualty Management <i>Miguel Trelles</i>
1200 - 1230	War Surgery <i>Lynette Dominguez</i>
1230 - 1300	Field Orthopaedics <i>Kamarul Al-Haqq Abdul Ghani</i>
1300 - 1400	Lunch Break
1400 - 1430	Disease Outbreak in the Field <i>Mohd Arshil Moideen</i>
1430 - 1500	Field Anaesthesia: The Cox Bazaar Experience <i>Omar Loman</i>
1500 - 1530	Anaesthesia Provision in Disasters and Armed Conflicts <i>Miguel Trelles</i>
1530 - 1600	Ultrasound in The Field <i>Shahridan Fathil</i>
1600 - 1630	Q&A End of Session



5. MECHANICAL VENTILATION FOR CRITICALLY ILL PATIENTS: WEANING STRATEGIES

Venue : Bougainvillea 4 & 5, Level 3A, Ipoh Convention Centre, Ipoh, Perak

Faculty : Asoka Gunaratne, Ismail Tan, Rafidah Atan, Azarinah Izaham

Facilitator : Raha Abd Rahman

This workshop aims to discuss on common problems faced during weaning of critically ill patients from mechanical ventilation. Various different pathophysiologicals may affect the weaning process. Experienced intensivists will discuss on 4 main issues which commonly faced in our intensive care units (ICU). During the hands-on sessions participants will have the opportunity to discuss with our experts on the various ventilation modes available in different types of ventilators frequently used in the ICU.

PROGRAMME

0800 - 0845	Registration
0845 - 0900	Welcoming Address <i>Raha Abd Rahman</i>
0900 - 0945	Weaning Strategies in Critically Ill Patients with Respiratory Complications <i>Asoka Gunaratne</i>
0945 - 1030	Weaning Strategies in Critically Ill Patients with Cardiovascular Instabilities <i>Ismail Tan</i>
1030 - 1115	Morning Break
1115 - 1200	Weaning Strategies in Critically Ill Patients with Acute/Chronic Renal Impairment <i>Rafidah Atan</i>
1200 - 1245	Weaning Strategies in Critically Ill Patients with Substance Abuse <i>Azarinah Izaham</i>
1245 - 1400	Lunch Break & Prayers
1400 - 1640	Afternoon Hands-On and Demonstration Session ASV Mode PAV Mode NAVA Mode Smart Care
1650 - 1700	Closing



PRE-CONGRESS WORKSHOPS 4th July 2019 (Thursday)

6. ADVANCED PERIOPERATIVE MONITORING

Venue : Bougainvillea 1, Level 3A, Ipoh Convention Centre, Ipoh, Perak

Faculty : Lim Thiam Aun, Ariffin Marzuki Mohktar, Carolyn Yim Chue Wei

Facilitators : Muhammad Maaya, Yap Pey Y'ng

Certain procedures or medical conditions require additional monitoring during anaesthesia. These extra monitoring methods provide a better safety profile and can assist the anaesthesiologists in ensuring optimum perioperative patient care. This workshop will feature several such monitoring, which includes anaesthetic depth, arterial oxygen saturation, cardiac output and cerebral oxygen saturation. The morning lectures will be followed by demonstration and hands-on sessions in the afternoon.

PROGRAMME

0840 - 0910	Registration
0910 - 0915	Welcoming Address <i>Muhammad Maaya</i>
0915 - 0945	Cerebral Oxygen Monitoring <i>Ariffin Marzuki Mohktar</i>
0945 - 1015	Anaesthetic Depth Monitoring <i>Lim Thiam Aun</i>
1015 - 1045	Morning Break
1045 - 1115	Cardiac Output <i>Wong Yoke Lian</i>
1115 - 1145	Neuromuscular Monitoring <i>Lim Thiam Aun</i>
1145 - 1215	Oxygen Saturation <i>Carolyn Yim Chue Wei</i>
1215 - 1400	Lunch Break
1400 - 1600	Afternoon Hands-On and Demonstration Session Participants will be Rotated to Each of the Following Stations (30 min each) <ul style="list-style-type: none">• Oxygen Saturation - Nellcor• Cerebral Oxygen Monitoring - Invos• Cardiac Output - FloTrac• Anaesthetic Depth Monitoring - BIS
1600 - 1630	Tea / Q&A
1630	Closing

DAILY PROGRAMME

5th July 2019 (Friday)



0730 - 0800	Registration		Level 4
0800 - 0845	PLENARY 1 Chairperson: <i>Marzida Mansor</i> Facing the Grey Tsunami: Are we ready for it? <i>Irwin Foo</i>		Ballroom 1, Level 4
0845 - 0915	PLENARY 2 Chairperson: <i>Jahizah Hassan</i> Expanding World of Perioperative Ultrasound <i>Shahridan Fathil</i>		Ballroom 1, Level 4
0915 - 1000	PLENARY 3 Chairperson: <i>Gunalan Palari</i> Refining our Basic Skills: Increasing Safety & Quality of Central Venous Insertions <i>Yasuhiro Morimoto</i>		Ballroom 1, Level 4
1000 - 1100	Opening Ceremony		Ballroom 1, Level 4
1100 - 1130	Morning Break & Trade Exhibition		Level 3A & 4
	<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>
1130 - 1300	SYMPOSIUM 1 Thoracic Anaesthesia Chairperson: <i>Yong Chow Yen</i> Flexible Bronchoscopy in Critical Care: Why and How? <i>Lars Konge</i> Lung Isolation: Challenges and Strategies <i>Hasmizy Muhammad</i> ECLS in Airway Surgery <i>Noorjahan Haneem Md Hashim</i>	1130 - 1300 SYMPOSIUM 2 Quality & Safety in Anaesthesia Chairperson: <i>Vanitha Sivanaser</i> Effective Communication in Improving Safe Surgery <i>Azmi Alias</i> Surgical Consent Untangling the Knots <i>Anwar Hau</i> Workplace Abuse <i>Kevin Ng</i>	1130 - 1300 SYMPOSIUM 3 Research & Training Chairperson: <i>Mohd Azizan Ghazali</i> Simulation Training for Anaesthesia Practice <i>Rafidah Atan</i> Options of Anaesthesia Training in Malaysia <i>Omar Sulaiman</i> Introduction to Clinical Research - Administrative Aspect You Ought to Know <i>Sharon Linus Lojikip</i> Research in Malaysia <i>Ina Ismiarti Shariffuddin</i>



DAILY PROGRAMME 5th July 2019 (Friday)

1300 - 1330 **LUNCH SYMPOSIUM** (*Troikaa Pharmaceutical Ltd / UNIMED Sdn Bhd*)
 Chairperson: *Gunalan Palari*
 A Paradoxical Journey from Acute to Chronic Persistent Postsurgical Pain
Ashok Kumar Saxena

Ballroom 1, Level 4

1330 - 1430 **Friday Prayers**

<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>	<i>Bougainvillea 1, Level 3A</i>	<i>Bougainvillea 2, Level 3A</i>
1430 - 1630 SYMPOSIUM 4 Neuroanaesthesia Chairperson: <i>Vanitha Sivanaser</i> Sepsis in the Neurosurgical Patients <i>Ismail Tan</i> The Changing Face of Technologically Integrated Neurosurgery <i>Azmi Alias</i> Airway Management in Neurosurgery. Any Difference? <i>Fahmi Lukman</i> What's New in Neuroanaesthesia Research? <i>Peter Tan</i>	1430 - 1630 SYMPOSIUM 5 Regional Anaesthesia Chairperson: <i>Mafeitzeral Mamat</i> Completing the Satisfaction: Sciatic Nerve Block for Total Knee Arthroplasty: Anterior Approach <i>Hajung Kim</i> Fascial Plane Blocks; Clicks & Pops are Back? <i>Azrin Mohd Azidin</i> Regional Anaesthesia & Non Intubated Thoracic Surgery <i>Yasuhiro Morimoto</i> LAST But Not Least - Updates & Current Perspectives <i>Amiruddin Nik Kamil</i>	1430 - 1630 SYMPOSIUM 6 Cardiac Anaesthesia Chairperson: <i>Hasmizy bin Muhammad</i> Anaesthesia for the Patient with Cardiac Tamponade <i>Raha Mohd Daud</i> Mechanical Haemodynamic Support for Cardiovascular Procedures <i>Ariffin Marzuki Mokhtar</i> Anaesthesia for LVAD Implantation <i>Lee Jong-Hwan</i> FFP or Factor Concentrates in Cardiac Surgery Patients <i>Haslan Ghazali</i>	1430 - 1630 IN CONGRESS CONCURRENT WORKSHOP 1 Ventilation Strategies in OT	1430 - 1630 IN CONGRESS CONCURRENT WORKSHOP 2 ERAS

1630 - 1700 **Afternoon Break & Trade Exhibition**

Level 3A & 4

1900 - 2200 **FACULTY DINNER** (*by invitation only*)

DAILY PROGRAMME

6th July 2019 (Saturday)



0730 - 0830	BREAKFAST WITH THE EXAMINERS Moderator: <i>Wan Rahiza Wan Mat</i> <i>Irwin Foo / Wang / Omar Sulaiman / Muhammad Maaya</i>	<i>Bougainvillea 2, Level 3A</i>		
0830 - 0930	PLENARY 4 Chairperson: <i>Valliappa Kathiresan Valleappan</i> Challenges of Perioperative Anaemia <i>Bernd Froessler</i>	<i>Ballroom 1, Level 4</i>		
0930 - 1030	PLENARY 5 Chairperson: <i>Ina Ismiarti Shariffuddin</i> Challenges in Enforcing ERAS: Is it for All? <i>Girish Joshi</i>	<i>Ballroom 1, Level 4</i>		
1030 - 1100	Morning Break & Trade Exhibition	<i>Level 3A & 4</i>		
<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>	<i>Bougainvillea 1, Level 3A</i>	<i>Bougainvillea 2, Level 3A</i>
1100 - 1230 SYMPOSIUM 7 ERAS Chairperson: <i>Ina Ismiarti Shariffuddin</i> Impact of ERAS on Patient Blood Management <i>Girish Joshi</i> ERAS in Paediatric Surgery <i>Ekta Rai</i> Prehabilitation: Its Impact on Postoperative Outcome <i>Nelson Chua</i>	1100 - 1230 SYMPOSIUM 8 Precious Population Anaesthesia: OSA Chairperson: <i>Muhammad Maaya</i> Managing Postoperative Analgesia for the OSA Patients <i>Wang Chew Yin</i> The Little Snorers: Paediatric OSA Challenges in Managing Them <i>Ng Siew Ping</i> Perioperative Positive Airway Pressure in OSA <i>Kamal Bashir Abu Bakar</i>	1100 - 1230 SYMPOSIUM 9 Field Surgical Care Chairperson: <i>Shahridan Mohd Fathil</i> Operative Trauma in Low Resource Settings: MSF Experience <i>Lynette Dominguez</i> Anaesthesia Provision in Disasters and Armed Conflicts <i>Miguel Trelles</i> MAF Hospital in Cox Bazaar Experience <i>Omar Loman</i> Updates in Aeromedical Retrieval in Malaysia <i>Gunalan Palari</i>	1100 - 1230 ABSTRACT PRESENTATIONS ePoster Moderator: <i>Vanitha Sivanaser</i>	1100 - 1230 ABSTRACT PRESENTATIONS Oral Moderator: <i>Mafeitzeral Mamat</i>
1230 - 1400	MSA Extraordinary General Meeting (for members only) <i>Bougainvillea 6, Level 3A</i>			
1230 - 1400	Lunch			



DAILY PROGRAMME

6th July 2019 (Saturday)

1400 - 1500

PLENARY 6

Chairperson: *Yong Chow Yen*

Transesophageal Echocardiography in Non-Cardiac Surgery and Critical Care

Kim Tae-Yop

Ballroom 1, Level 4

<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>	<i>Bougainvillea 1, Level 3A</i>	<i>Bougainvillea 2, Level 3A</i>
<p>1500 - 1700 SYMPOSIUM 10 Airway & Ventilation Chairperson: <i>Muhammad Maaya</i></p> <p>Airway Management in Field Anaesthesia <i>Fahmi Lukman</i></p> <p>Brought to You by Storz: Awake Intubation: Then and Now <i>Roan Jocson</i></p> <p>Airway Management in Spine Surgery <i>Hajung Kim</i></p> <p>Ultralow Flow: How Low Can You Go? <i>P S Jaganathan</i></p>	<p>1500 - 1700 SYMPOSIUM 11 Pain Management Chairperson: <i>Marzida Mansor</i></p> <p>The Role of Lignocaine in Acute Pain Management <i>Irwin Foo</i></p> <p>Acute Neuropathic Pain <i>Usha Raja</i></p> <p>The Future of Interventional Procedures in Pain Management <i>Ajfi Arshad</i></p> <p>Functional Rehabilitation in Pain Management <i>Anwar Suhaimi</i></p>	<p>1500 - 1700 SYMPOSIUM 12 Obstetric Anaesthesia Chairperson: <i>Mohd Azizan Ghazali</i></p> <p>Laparoscopic Surgery in Parturients <i>Azlina Masdar</i></p> <p>Communication & Consent in Obstetric Regional Anaesthesia <i>Chan See Yun</i></p> <p>Managing PPH: Challenges Ahead <i>Lee Meng Li</i></p> <p>Management of Iron Deficiency Anaemia in Pregnancy <i>Bernd Froessler</i></p>	<p>1500 - 1700 IN CONGRESS CONCURRENT WORKSHOP 3 Various Airway Management Skills</p>	<p>1500 - 1700 IN CONGRESS CONCURRENT WORKSHOP 4 Meet-The-Expert: Antibiotics for the Critically Ill</p>

1700 - 1730

Afternoon Break & Trade Exhibition

Level 3A & 4

1900 - 2200

CONGRESS DINNER

Level 4

DAILY PROGRAMME

7th July 2019 (Sunday)



0800 - 0845 **PLENARY 7** *Ballroom 1, Level 4*
 Chairperson: *Subrahmanyam Balan*
 Are the Technology Advancements Keeping Us in Check?
Aryeh Shander

0845 - 0930 **PLENARY 8** *Ballroom 1, Level 4*
 Chairperson: *Raveenthiran Rasiah*
 War Against the Superbugs: Who's Winning?
Jeffrey Lipman

<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>
0930 - 1100 SYMPOSIUM 13 Patient Blood Management Chairperson: <i>Shahridan Mohd Fathil</i> Challenges of PBM in Anaesthesia Practise in Malaysia <i>Kevin Ng</i> PBM Implementation in Australia <i>Bernd Froessler</i> PBM & Its Clinical Effectiveness <i>Aryeh Shander</i>	0930 - 1100 SYMPOSIUM 14 Critical Care Chairperson: <i>Azarinah Izaham</i> Rock-Paper-Scissors: Solutions for the Critically Ill <i>Asoka Gunaratne</i> Renal Support in ICU: A Smart Water Filter <i>Nor'azim Mohd Yunus</i> ECMO for Severe ARDS: Current Evidence <i>Ariffin Marzuki Mokhtar</i>	0930 - 1100 In Congress Concurrent Workshop 5 USS in OT & ICU

1100 - 1130 **Morning Break & Trade Exhibition** *Level 3A & 4*



DAILY PROGRAMME

7th July 2019 (Sunday)

<i>Ballroom 1, Level 4</i>	<i>Ballroom 2, Level 4</i>	<i>Bougainvillea 6, Level 3A</i>
<p>1130 - 1300 SYMPOSIUM 15 Paediatric Anaesthesia Chairperson: <i>Ina Ismiarti Shariffuddin</i></p> <p>Updates on PBM in Paediatric Anaesthesia <i>Aryeh Shander</i></p> <p>Paediatric Anaesthesia and Neurodevelopment: Summary of Clinical Evidence <i>Ekta Rai</i></p> <p>Haemodynamic Monitoring in Children: What's Relevant? <i>Teo Shu Ching</i></p> <p>Recent Publications Influencing Paediatric Practice <i>Nur Hafizhoh Abd Hamid</i></p>	<p>1130 - 1300 SYMPOSIUM 16 Professionalism Chairperson: <i>Subrahmanyam Balan</i></p> <p>Handling Difficult Colleagues <i>Noor Aireen Ibrahim</i></p> <p>Working Towards Excellence in Anaesthesia <i>Chan Yoo Kuen</i></p> <p>Leadership in Anaesthesiology: As the Captain of the Cruise <i>Jahizah Hassan</i></p>	<p>1130 - 1300 In Congress Concurrent Workshop 6 CRRT</p>
<p>1300 - 1320 Closing Ceremony</p>		
<p>1320 - 1400 Lunch</p>		

MSA AWARD / MSA YIA AWARD



- FP 01 ID 20 INCIDENCE AND OUTCOMES OF IN-HOSPITAL CARDIAC ARREST (IHCA): A 12-MONTH AUDIT IN A MALAYSIAN TERTIARY CARE HOSPITAL**
Eric B K Tang¹, L W Luah¹, H K Goh², H S Muslim¹, M L Lee¹, C K Yoon³, K A Abdul Wahab¹, Lawrence C L Tan¹, C H Lim¹, H Mohd¹, C Y Yong¹, J Hassan¹, N Ismail²
¹Department of Anaesthesiology & Intensive Care, Hospital Pulau Pinang, Pulau Pinang, Malaysia
²Hospital Management, Hospital Pulau Pinang, Pulau Pinang, Malaysia
³Department of Medicine, Hospital Pulau Pinang, Pulau Pinang, Malaysia
- FP 02 ID 22 COMPARISON OF THE BASKA MASK® AND THE I-GEL™ SUPRAGLOTTIC AIRWAY DEVICES IN PATIENTS UNDERGOING ELECTIVE SURGERY**
Thanesh Kumar S, Wan Mohd Nazaruddin W H, Rhendra Hardy M Z, Praveena S, Laila A M
Department of Anaesthesiology and Intensive Care, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia
- FP 03 ID 31 COMPARATIVE STUDY ON SUSTAINABLE MONITORING BETWEEN BISPECTRAL INDEX AND CEREBRAL STATE MONITOR DURING NEUROSURGERY UNDER TOTAL INTRAVENOUS ANAESTHESIA**
Sanihah C O, Delima Radzwa H, Wan Mohd Nazaruddin W H, Mohamad Hasyizan H, Saedah A, Rhendra Hardy M Z
Department of Anaesthesiology and Intensive Care, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia
- FP 04 ID 64 THE EFFECTS OF PRE-INDUCTION SINGLE BOLUS INTRAVENOUS LABETOLOL AS AN ADJUNCT ANALGESIA FOR OPEN TOTAL ABDOMINAL HYSTERECTOMY UNDER GENERAL ANAESTHESIA**
Mohd Khazrul Nizar Abd Kader, Esa Kamaruzaman, Nurlia Yahya , Syarifah Noor Nazihah Sayed Masri, Azarinah Izaham
Department of Anaesthesiology & Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
- FP 05 ID 75 ANTINOCICEPTIVE AND ANTI-INFLAMMATORY ACTIVITIES OF AQUEOUS EXTRACT FROM PHOENIX DACTYLIFERA L. IN ANIMAL MODELS**
Nordin Simbak, Maryam Ibrahim, Mohd Faeiz Pauzi, Siti Norazlina Juhari
University Sultan Zainal Abidin, Kuala Terengganu, Terengganu, Malaysia



POSTER RESEARCH PAPERS

- PP 01 ID 10 **COMPARISON OF DEXAMETHASONE VERSUS DEXMEDETOMIDINE AS ADJUVANTS TO ROPIVACAINE IN ULTRASOUND-GUIDED TRANVERSUS ABDOMINIS PLANE BLOCK FOR OPEN APPENDICECTOMY: A RANDOMISED CLINICAL TRIAL**
Zahrin Mazam¹, Azarinah Izaham¹, Rufinah Teo¹, Cheah Saw Kian¹, Nor Mohammad Mohd Din², Azrin Mohd Azidin², Muhammad Maaya¹
¹Department of Anaesthesiology & Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
²Department of Anaesthesia & Intensive Care, Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
- PP 02 ID 18 **A COMPARISON OF THE MALLAMPATI TEST AND THYROMENTAL DISTANCE COMBINATION WITH WILSON RISK SUM SCORE IN PREDICTING DIFFICULT INTUBATION**
S H H Fauzi¹, M Budiman², S N N Sayed Masri², A Mohd Yusof³, N Md Nor², A Izaham²
¹Department of Anaesthesiology & Intensive Care, Hospital Ampang, Selangor, Malaysia
²Department of Anaesthesiology & Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
³Department of Anaesthesiology & Intensive Care, Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
- PP 03 ID 21 **THE EFFECT OF EDUCATIONAL INTERVENTION ON ANAESTHESIA PRACTICE FOR ELECTIVE LAPAROSCOPIC CHOLECYSTECTOMY SURGERY ACCORDING TO ERAS GUIDELINE**
C K Hor¹, A R Raha¹, Z Zulf²
¹Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
²Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
- PP 04 ID 30 **THE CORRELATIONS OF THE FINDINGS OBTAINED FROM AIRWAY ULTRASONOGRAPHY WITH CORMACK LEHANE CLASSIFICATION IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA - A CROSS SECTIONAL STUDY**
M H Che Mat^{1,2}, R H Mohamed Zaini², S A Ahmad Maulana²
¹Hospital Sultanah Nurzahirah, Kuala Terengganu, Terengganu, Malaysia
²Hospital Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia
- PP 05 ID 49 **PEPPERMINT AROMATHERAPY IN PREVENTION OF NAUSEA AND VOMITING AFTER SPINAL ANAESTHESIA FOR CAESAREAN SECTION**
Hetty Ayuni Sulaiman¹, Raha Abdul Rahman¹, Nadia Md Noh¹, Yeoh Chih Nie¹, Emilia Mohtar Rasali¹, Sabri Dewa²
¹Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
²Hospital Kuala Lumpur, Kuala Lumpur, Malaysia
- PP 06 ID 51 **ESTIMATION OF ANAESTHESIA-TIME AND OPERATION THEATRE UTILISATION IN A UNIVERSITI KEBANGSAAN MALAYSIA MEDICAL CENTER**
M S Z Mohd Yusoff, W R Wan Mat, C Y Liu, N Mohamad, H J Low, Joanna S M Ooi, R A Rahman
National University of Malaysia, Kuala Lumpur, Malaysia

POSTER RESEARCH PAPERS



- PP 07 ID 77 **AURICULAR ACUPRESSURE AS AN ADJUNCT THERAPY FOR POSTOPERATIVE ANALGESIA IN PATIENTS UNDERGOING TOTAL KNEE REPLACEMENT**
Winnie Li-Xue Chiang¹, Azarinah Izaham¹, Usha Rajah², Jaafar Md Zain¹, Nurlia Yahya¹, Siti Nidzwani Mohamad Mahdi¹
¹Department of Anaesthesiology and Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia
²Department of Anaesthesiology and Intensive Care, Hospital Pulau Pinang, Pulau Pinang, Malaysia
- PP 08 ID 04 **RISK OF AWARENESS WITH RECALL IN INTRAOPERATIVE OPIOID FREE ANAESTHESIA (OFA) IN VARIOUS SURGICAL PROCEDURES**
Hakim Daliman, Normaliza Miswan
Regency Specialist Hospital, Johor, Malaysia
- PP 09 ID 07 **BRONCHIAL THERMOPLASTY: NON-PHARMACOLOGICAL ENDOSCOPIC TREATMENT FOR REFRACTORY ASTHMA. ANESTHETIC CONSIDERATION. HOSPITAL SERDANG EXPERIENCE**
Anuwar A, N Rowina N M, Hafizah M A, Farid N M, Rafidah K, Azimah M Z, Kamarulzaman T
Hospital Serdang, Selangor, Malaysia
- PP 10 ID 08 **NON-INVASIVE VENTILATION OUTSIDE OF INTENSIVE CARE UNIT IN UNIVERSITI KEBANGSAAN MALAYSIA MEDICAL CENTRE: A 3-YEAR EXPERIENCE**
D Kanesh Kumar, W M Wan Rahiza, S K Cheah, Y Nurlia, A R Raha
Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia
- PP 11 ID 11 **PAEDIATRIC REGIONAL ANAESTHESIA TECHNIQUES IN SARAWAK GENERAL HOSPITAL IN 2018**
C Y Cheong, S C Teo
Department of Anaesthesia, Sarawak General Hospital, Kuching, Sarawak, Malaysia
- PP 12 ID 12 **EVALUATION OF PEADTRIC D-BLADE CMAC EFFECTIVENESS IN COMPARISON TO CONVENTIONAL MACINTOSH LARYNGOSCOPE AMONG PEADIATRIC POPULATION UNDERGOING ELECTIVE OPERATION**
Zohdy Musa, Rhendra Hardy, Sanihah Omar
Universiti Sains Malaysia, Kelantan, Malaysia
- PP 13 ID 15 **PILOT OBSERVATIONAL STUDY: ENHANCED RECOVERY PATHWAY IN PAEDIATRIC ADENOTONSILLECTOMY FOR OBSTRUCTIVE SLEEP APNOEA (OSA) USING OPIOID FREE ANAESTHESIA (OFA)**
Y T Liow¹, Y H Saw¹, C Y Yong¹, J Hassan¹, Zahirrudin Z², Rus Anida A³, S P Ng¹
¹Department of Anaesthesia & Intensive Care, Hospital Pulau Pinang, Pulau Pinang, Malaysia
²Department of Otorhinolaryngology, Hospital Pulau Pinang, Pulau Pinang, Malaysia
³Department of Paediatric Respiratory, Hospital Pulau Pinang, Pulau Pinang, Malaysia



POSTER RESEARCH PAPERS

- PP 14 ID 17 **A RETROSPECTIVE REVIEW OF PARTURIENTS WITH PULMONARY HYPERTENSION UNDERGOING ELECTIVE LSCS UNDER REGIONAL ANAESTHESIA: A CASE SERIES**
Priscilla Manymuthu, Noreen Louis, Nanthini Pulevendran, Afaf Aziz, Rafidah Kasim, Norly Ismail
Department of Anaesthesia and Intensive Care, Serdang Hospital, Selangor, Malaysia
- PP 15 ID 23 **COMBINATION OF DEXMEDETOMIDINE AND LIGNOCAINE AS AN ALTERNATIVE TECHNIQUE TO FENTANYL DURING INDUCTION OF GENERAL ANAESTHESIA**
T Cheng¹, W R Wan Mat¹, M Budiman¹, S P Ng², R Abdul Rahman¹
¹*Department of Anaesthesiology and Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia*
²*Department of Anaesthesiology and Intensive Care, Hospital Pulau Pinang, Pulau Pinang, Malaysia*
- PP 16 ID 25 **THE COST OF DESFLURANE IN MINIMAL FLOW ANAESTHESIA VERSUS MEDIUM FLOW ANAESTHESIA**
Christopher Ting¹, Jeyaganesh Veerakumaran¹, Marzida Mansor¹, Lucy Chan¹, Jaseemuddeen Abu Bakar²
¹*University of Malaya, Kuala Lumpur, Malaysia*
²*Darul Ehsan Medical Centre, Shah Alam, Selangor, Malaysia*
- PP 17 ID 26 **SURGICAL ANTIBIOTIC PROPHYLAXIS AND INCIDENCE OF SURGICAL SITE INFECTION**
Fadzwan Basri¹, Raha Abdul Rahman¹, Nadia Md Nor¹, Wan Rahiza Wan Mat¹, Razman Jarmin², Nordiah Awang Jali³
¹*Department of Anaesthesiology and Intensive Care, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia*
²*Department of Surgery, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia*
³*Department of Microbiology and Immunology, Universiti Kebangsaan Malaysia Medical Centre, Kuala Lumpur, Malaysia*
- PP 18 ID 34 **PREDICTOR FACTORS OF LEPTOSPIROSIS MORTALITY IN INTENSIVE CARE UNIT**
C Y Cheong, S Z Goh, Wan Daud W K, S C Teo
Department of Anaesthesiology and Intensive Care, Sarawak General Hospital, Kuching, Sarawak, Malaysia
- PP 19 ID 41 **INCIDENCE OF FENTANYL-INDUCED COUGH IN DAY CARE SURGERY**
Sean Li Soo¹, Azlina Masdar², Aliza Mohamad Yusof², Azrin Mohd Azidin¹, Azarinah Izaham², Shereen Suet Ping Tang²
¹*Hospital Kuala Lumpur, Kuala Lumpur, Malaysia*
²*Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia*
- PP 20 ID 44 **THE IMPACT ON PATIENTS' WAITING TIME FOLLOWING COLOUR CODING CLASSIFICATION IN EMERGENCY OPERATION THEATRE, SARAWAK GENERAL HOSPITAL (SGH) - A CLINICAL AUDIT**
S K Khaw¹, S C Teo¹, M A Bujang²
¹*Department of Anaesthesia and Intensive Care, Sarawak General Hospital, Kuching, Sarawak, Malaysia*
²*Clinical Research Centre, Sarawak General Hospital, Kuching, Sarawak, Malaysia*

POSTER RESEARCH PAPERS



- PP 21 ID 45 **THE RELATIONSHIP BETWEEN OBSTRUCTIVE SLEEP APNOEA AND CARDIAC DYSFUNCTION IN BARIATRIC SURGERY PATIENTS: A RETROSPECTIVE STUDY**
S M Wong, Z Khairulmir, M Nidzwani, O Rohayu
Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia
- PP 22 ID 46 **THE RELATIONSHIP BETWEEN REDUCED CEREBRAL OXYGEN SATURATION AND POST-OPERATIVE NEUROLOGICAL OUTCOME IN PATIENTS UNDERGOING CARDIAC SURGERY**
Wong Juan Yong, Noorjahan Haneem
University of Malaya, Kuala Lumpur, Malaysia
- PP 23 ID 47 **PAIN CONTROL WITH EPIDURAL INFUSION VERSUS EPIDURAL MORPHINE AT 24 HOURS POST LOWER SEGMENT CAESAREAN SECTION IN PARTURIENTS WITH UNDERLYING HEART DISEASE**
Priya Darsheni R, Thennarasi R, Nanthini B, Nurliyana H, Afaf Azlin, Rafidah K, Norly I
Hospital Serdang, Selangor, Malaysia
- PP 24 ID 48 **THE EFFECTS OF INTRAVENOUS DEXMEDETOMIDINE ON SHIVERING IN PATIENTS UNDERGOING CAESAREAN DELIVERY UNDER SPINAL ANAESTHESIA**
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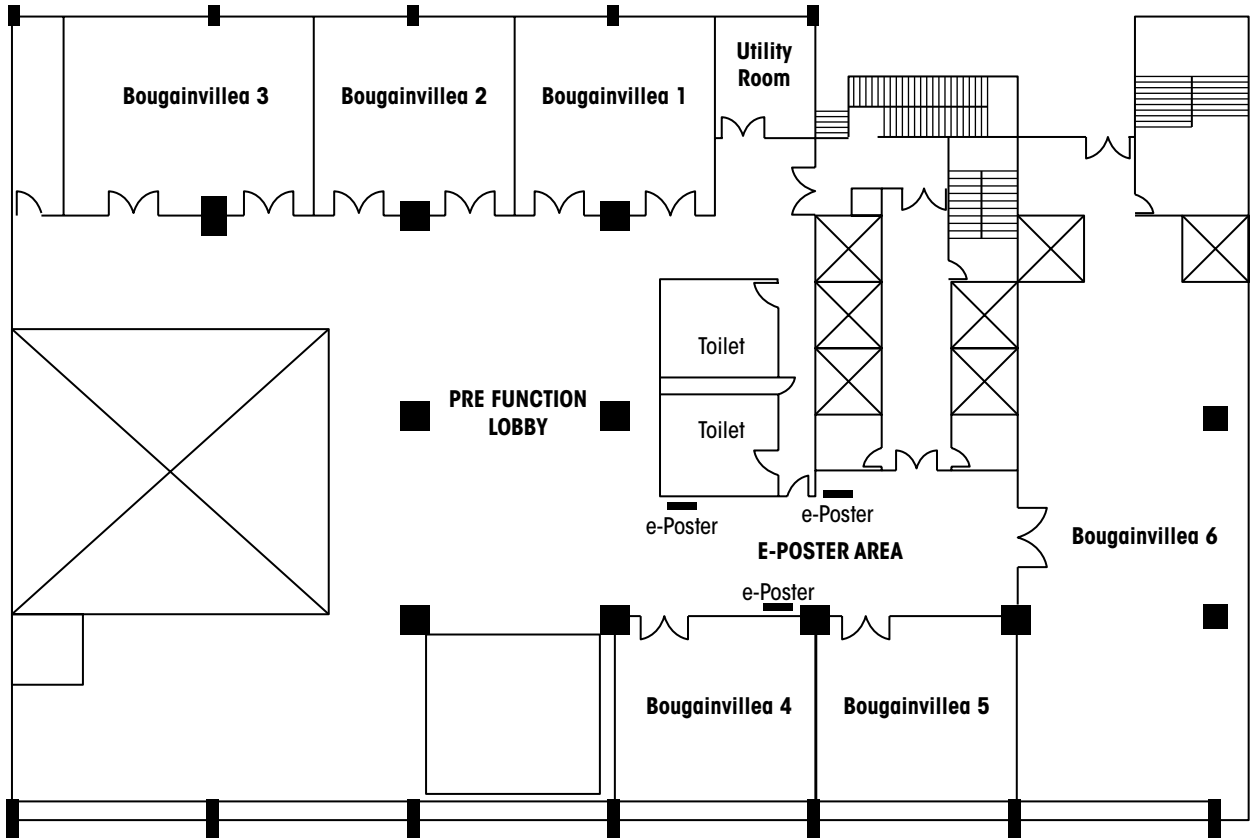


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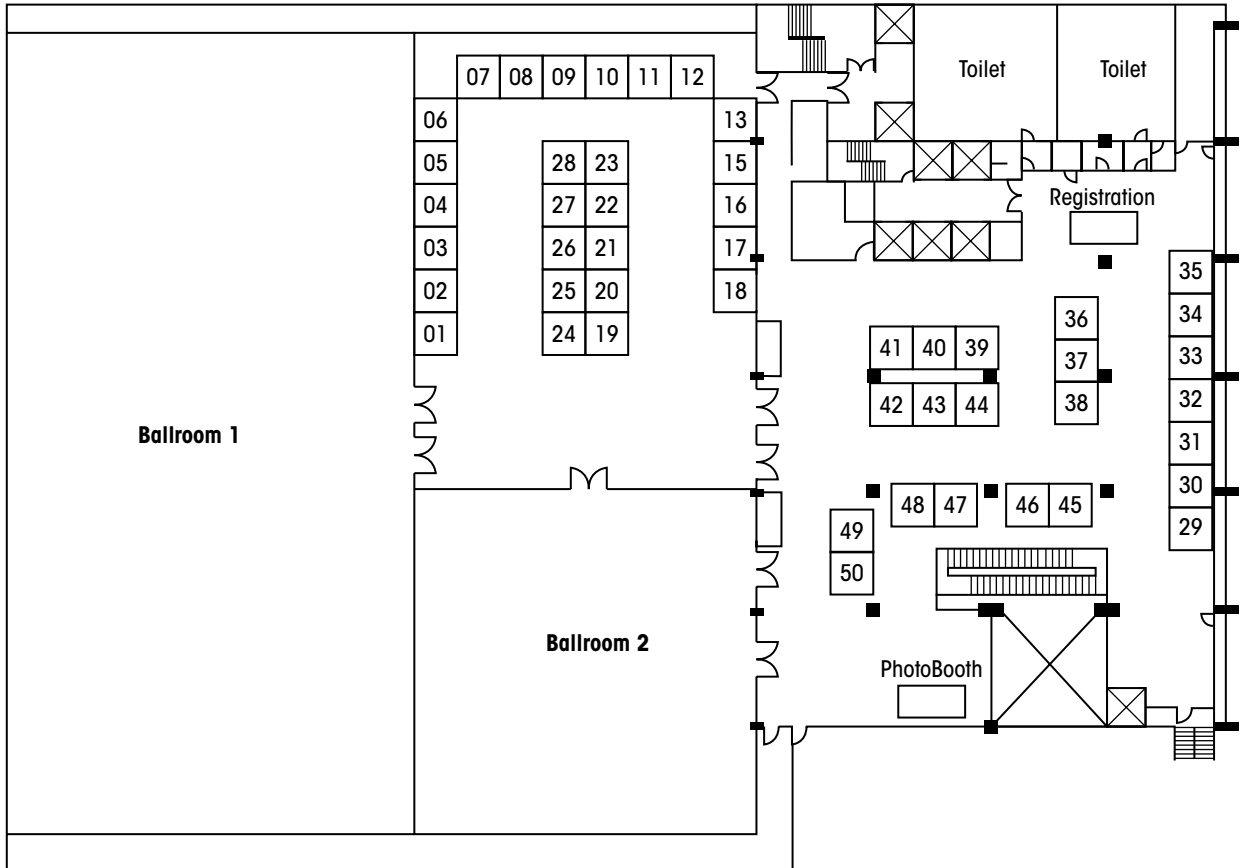
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