



*Official Journal of the  
Malaysian Medical Association*

# *The Medical Journal of Malaysia*

**30th International Congress of the  
Obstetrical & Gynaecological Society of  
Malaysia (OGSM 2023)**

**20-23 July 2023  
Setia SPICE Convention Centre,  
Penang, Malaysia**

**July 2023**

**Volume: 78**

**Supplement: 1**



# MJM

*Official Journal of the  
Malaysian Medical Association*

Volume 77 Supplement 1 July 2023

## EDITORIAL BOARD

*Editor In Chief*

**Prof Datuk Dr Lekhraj Rampal**

*International Advisory Board*

**Laureate Professor Dr Nicholas Talley**

**Prof Dr Mahesh Choolani**

*Editor*

**Prof Dato' Dr NKS Tharmaseelan**

*Editors*

**Assoc Prof Dr Subapriya Suppiah**

**Dr Liew Boon Seng**

**Prof Dr Shatriah Ismail**

**Prof Dr Philip Rajan Devesahayam**

**Dr Terence Ong Ing Wei**

**Dr Navin Kumar Devaraj**

**Prof Dr Baharudin Abdullah**

**Prof Dr Verasingam Kumarasamy**

**Dr Ravindran Vashu**

*Editorial Manager*

**Ms Mahaletchumy Alagappan**

PP 2121/01/2013 (031329)

MCI (P) 124/1/91

ISSN 0300-5283

The Medical Journal of Malaysia is published six times a year.  
MJM is published bimonthly ie. January, March, May, July, September and November.

**All articles which are published, including editorials, letters and book reviews  
represent the opinion of the authors and are not necessarily those of the  
Malaysian Medical Association unless otherwise expressed.**

*Copyright reserved © 2023*  
Malaysian Medical Association

**Advertisement Rates:**

Enquiries to be directed to the Secretariat.

**Secretariat Address:**

Malaysian Medical Association  
4th Floor, MMA House, 124, Jalan Pahang, 53000 Kuala Lumpur.  
Tel: (03) 4042 0617, 4041 8972, 4041 1375 Fax: (03) 4041 8187  
E-mail: [info@mma.org.my](mailto:info@mma.org.my) / [mjm@mma.org.my](mailto:mjm@mma.org.my)  
Website: [www.mma.org.my](http://www.mma.org.my)

The *Medical Journal of Malaysia (MJM)* welcomes articles of interest on all aspects of medicine in the form of original papers, review articles, short communications, continuing medical education, case reports, commentaries and letter to Editor. Articles are accepted for publication on condition that they are contributed solely to *The Medical Journal of Malaysia*.

**NOTE:** MJM is published bimonthly ie. **January, March, May, July, September and November.**

#### REQUIREMENTS FOR ALL MANUSCRIPTS

Please ensure that your submission to MJM conforms to the International Committee of Medical Journal Editors Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals.

Neither the Editorial Board nor the Publishers accept responsibility for the views and statements of authors expressed in their contributions.

The Editorial Board further reserves the right to reject papers read before a society. To avoid delays in publication, authors are advised to adhere closely to the instructions given below.

#### MANUSCRIPTS

Manuscripts should be submitted in English (British English). Manuscripts should be submitted online through *MJM Editorial Manager*, <http://www.editorialmanager.com/mjm>.

Instructions for registration and submission are found on the website. Authors will be able to monitor the progress of their manuscript at all times via the *MJM Editorial Manager*. For authors and reviewers encountering problems with the system, an online Users' Guide and FAQs can be accessed via the "Help" option on the taskbar of the login screen.

MJM charges a one-time, non-refundable Article Processing Charge (APC) upon submission. Waiver of the APC applies only to members of the editorial board, and authors whose articles are invited by the editor. In addition, recipients of the MJM Reviewer Recognition Award from the previous year may enjoy a waiver of the APC for the next calendar year (e.g. recipients of MJM Reviewer Recognition Award 2022 will enjoy waiver of APC for articles submitted between January and December 2023).

The MJM processing fee is based on the categories stated below:

- MJM
1. MMA Member - RM 400.00
  2. Non-Member - RM 600.00
  3. Overseas - USD 150.00

MJM Case Reports (effective 1st July 2022 up to further notice):

1. MMA Member - RM 200.00
2. Non-Member - RM 300.00
3. Overseas - USD 100.00

The MJM Article Processing Charge is a non-refundable administrative fee. Payment of the APC does not guarantee acceptance of the manuscript. Submitted articles will only be sent for reviews once the MJM APC has been successful completed.

All submissions must be accompanied by a completed **Copyright Assignment Form, Copyright Transfer Form and Conflict of Interest Form** duly signed by all authors. Forms can be download from MJM website at <https://www.e-mjm.org/>

Manuscript text should be submitted as **Microsoft Word** documents. Tables and flowcharts should be submitted as **Microsoft Word** documents. Images should be submitted as separate **JPEG files** (minimum resolution of 300 dpi).

#### PEER REVIEW PROCESS

All submissions must include at least two (2) names of individuals who are especially qualified to review the work. All manuscripts submitted will be reviewed by the Editor in-charge before they are sent for peer review. Manuscripts that are submitted to MJM undergo a double-blinded peer review and are managed online. Proposed reviewers must not be involved in the work presented, nor affiliated with the same institution(s) as any of the authors or have any potential conflicts of interests in reviewing the manuscript. The selection of reviewers is the prerogative of the Editors of MJM.

#### ELIGIBILITY AS AN AUTHOR

MJM follows the recommendation of the International Committee of Medical Journal Editors (ICMJE) for eligibility to be considered as an author for submitted papers. The ICMJE recommends that authorship be based on the following four (4) criteria:

1. Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
2. Drafting the work or revising it critically for important intellectual content; AND
3. Final approval of the version to be published; AND
4. Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

#### TYPES OF PAPERS

##### Original Articles:

Original Articles are reports on findings from original unpublished research. Preference

for publications will be given to high quality original research that make significant contribution to medicine. Original articles shall consist of a structured Abstract and the Main Text. The word count for the structured abstract should not exceed 500 words. The main text of the articles should not exceed 4000 words, tables/illustrations/figures/images up to five (5) and references up to 40. Manuscript describing original research should conform to the IMRAD format, more details are given below.

Original articles of cross-sectional and cohort design should follow the corresponding STROBE check-lists; clinical trials should follow the CONSORT check-list.

#### Review Articles:

Review Articles are solicited articles or systematic reviews. *MJM* solicits review articles from Malaysian experts to provide a clear, up-to-date account of a topic of interest to medical practice in Malaysia or on topics related to their area of expertise. Unsolicited reviews will also be considered, however, authors are encouraged to submit systematic reviews rather than narrative reviews. Review articles shall consist of a structured Abstract and the Main Text. The word count for the structured abstract should not exceed 500 words. Systematic Review are papers that presents exhaustive, critical assessments of the published literature on relevant topics in medicine. Systematic reviews should be prepared in strict compliance with MOOSE or PRISMA guidelines, or other relevant guidelines for systematic reviews.

#### Short Communications:

Shorts communication are short research articles of important preliminary observations, findings that extends previously published research, data that does not warrant publication as a full paper, small-scale clinical studies, and clinical audits. Short communications should not exceed 1,500 words and shall consist of a Summary and the Main Text. The summary should be limited to 100 words and provided immediately after the title page. The number of tables/illustrations/figures/images should be limited to three (3) and the number of references to ten (10).

#### Continuing Medical Education (CME) Articles:

A CME article is a critical analysis of a topic of current medical interest. The article should include the clinical question or issue and its importance for general medical practice, specialty practice, or public health. It shall consist of a Summary and the Main Text. The summary should be limited to 500 words and provided immediately after the title page. Upon acceptance of selected articles, the authors will be requested to provide five multiple-choice questions, each with five true/false responses, based on the article. For guideline, please refer to: Sivalingam N, Rampal L. Writing Articles on Continuing Medical Education for Medical Journals. *Med J Malaysia*. 2021 Mar;76(2):119-124.

#### Case Reports:

Papers on case reports (one to five cases) must follow these rules: Case reports should not exceed 2,000 words; with a maximum of two (2) tables; three (3) photographs; and up to ten (10) references. It shall consist of a Summary and the Main Text. The summary should be limited to 250 words and provided immediately after the title page. Having a unique lesson in the diagnosis, pathology or management of the case is more valuable than mere finding of a rare entity. Being able to report the outcome and length of survival of a rare problem is more valuable than merely describing what treatment was rendered at the time of diagnosis. There should be no more than seven (7) authors.

Please note that all Case Reports will be published in the new MJM Case Reports Journal ([www.mjmcasereports.org](http://www.mjmcasereports.org)).

#### Commentaries:

Commentaries will usually be invited articles that comment on articles published in the same issue of the *MJM*. However, unsolicited commentaries on issues relevant to medicine in Malaysia are welcomed. They should not exceed 2,000 words. They may be unstructured but should be concise. When presenting a point of view, it should be supported with the relevant references where necessary.

#### Letters to Editor:

Letters to Editors are responses to items published in *MJM* or to communicate a very important message that is time sensitive and cannot wait for the full process of peer review. Letters that include statements of statistics, facts, research, or theories should include only up to three (3) references. Letters that are personal attacks on an author will not be considered for publication. Such correspondence must not exceed 1,500 words.

#### Editorials:

These are articles written by the editor or editorial team concerning the *MJM* or about issues relevant to the journal.

#### STRUCTURE OF PAPERS

##### Title Page:

The title page should state the brief title of the paper, full name(s) of the author(s) (with the surname or last name bolded), degrees (limited to one degree or diploma), affiliation(s), and corresponding author's address. All the authors' affiliations shall be provided after the authors' names. Indicate the affiliations with a superscript number at the end of the author's degrees and at the start of the name of the affiliation. If the author is affiliated to more than one (1) institution, a comma should be used to separate the number for the said affiliation.

Do provide preferred abbreviated author names for indexing purpose, e.g. L Rampal (for Lekhraj Rampal), BS Liew (for Liew Boon Seng), B Abdullah (for Baharudin Abdullah), Hoe VC (for Victor Hoe Chee Wai).

Please indicate the corresponding author and provide the affiliation, full postal address and email.

Articles describing Original Research should consist of the following sections (IMRAD format): Abstract, Introduction, Materials and Methods, Results, Discussion, Acknowledgment and References. Each section should begin on a fresh page. Scientific names, foreign words and Greek symbols should be in italic.

#### Abstract and Key Words:

A structured abstract is required for Original and Review Articles. It should be limited to 500 words and provided immediately after the title page. Below the abstract provide and identify three (3) to 10 key words or short phrases that will assist indexers in cross-indexing your article. Use terms from the medical subject headings (MeSH) list from Index Medicus for the key words where possible. Key words are not required for Short Communications, CME articles, Case Reports, Commentaries and Letter to Editors.

#### Introduction:

Clearly state the purpose of the article. Summarise the rationale for the study or observation. Give only strictly pertinent references, and do not review the subject extensively.

#### Materials and Methods:

Describe your selection of the observational or experimental subjects (patients or experimental animals, including controls) clearly, identify the methods, apparatus (manufacturer's name and address in parenthesis), and procedures in sufficient detail to allow other workers to reproduce the results. Give references to established methods, including statistical methods; provide references and brief descriptions of methods that have been published but are not well-known; describe new or substantially modified methods, give reasons for using them and evaluate their limitations.

Identify precisely all drugs and chemicals used, including generic name(s), dosage(s) and route(s) of administration. Do not use patients' names, initials or hospital numbers. Include numbers of observation and the statistical significance of the findings when appropriate.

When appropriate, particularly in the case of clinical trials, state clearly that the experimental design has received the approval of the relevant ethical committee.

#### Results:

Present your results in logical sequence in the text, tables and illustrations. Do not repeat in the text all the data in the tables or illustrations, or both: emphasise or summarise only important observations in the text.

#### Discussion:

Emphasise the new and important aspects of the study and conclusions that follow from them. Do not repeat in detail data given in the Results section. Include in the Discussion the implications of the findings and their limitations and relate the observations to other relevant studies.

#### Conclusion:

Link the conclusions with the goals of the study but avoid unqualified statements and conclusions not completely supported by your data. Avoid claiming priority and alluding to work that has not been completed. State new hypotheses when warranted, but clearly label them as such. Recommendations, when appropriate, may be included.

#### Acknowledgements:

Acknowledgements of general support, grants, technical assistance, etc., should be indicated. Authors are responsible for obtaining the consent of those being acknowledged.

#### Referencing guide:

The Medical Journal of Malaysia, follows the Vancouver numbered referencing style. Citations to someone else's work in the text, should be indicated by the use of a number. In citing more than one article in the same sentence, you will need to include the citation number for each article. A hyphen should be used to link numbers which are inclusive, and a comma used where numbers are not consecutive. The following is an example where works 1,3,4,5, have been cited in the same place in the text.

Several effective drugs are available at fairly low cost for treating patients with hypertension and reducing the risk of its sequelae.<sup>1,3-5</sup>

The list of all of the references that are cited in the article should be presented in a list labelled as 'References'. This reference list appears at the end of the paper. Authors are responsible for the accuracy of cited references and these should be verified by the author(s) against the original documents before the manuscript is submitted. It is important that the author should never place in the list of references a document that he or she has not seen. The Journals names should be abbreviated according to the style used in the Index Medicus. All authors when six or less should be listed; when seven or more list only the first six and add et al.

If you are citing the author's name in your text, you must insert the citation number as well. Jewell BL (8) underlined that as focus in the SARS-CoV-2 pandemic shifts to the emergence of new variants of concern (VOC), characterising the differences between new variants and non-VOC lineages will become increasingly important for surveillance and maintaining the effectiveness of both public health and vaccination programme. If you are citing more than one author's name in your text and you want to cite author names in your text, use 'et al.' after the first author. Example: Rampal et al. (9) highlighted that the disregard of the manuscript guidelines and instruction to authors of the journal you submit, is one of the common reasons for 'Rejection' of the article.

#### Example references Journals:

##### Standard Journal Article

Rampal L and Liew BS. Coronavirus disease (COVID-19) pandemic. Med J Malaysia 2020; 75(2): 95-7.

Rampal L, Liew BS, Choolani M, Ganasegeran K, Pramanick A, Vallibhakara SA, et al. Battling COVID-19 pandemic waves in six South-East Asian countries: A real-time consensus review. Med J Malaysia 2020; 75(6): 613-25.

NCD Risk Factor Collaboration (NCD-RisC). Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. Lancet 2021; 11; 398(10304): 957-80.

#### Books and Other Monographs:

##### Personal Author(s)

Goodman NW, Edwards MB. 2014. Medical Writing: A Prescription for Clarity. 4 th Edition. Cambridge University Press.

##### Chapter in Book

McFarland D, Holland JC. Distress, adjustments, and anxiety disorders. In: Watson M, Kissane D, Editors. Management of clinical depression and anxiety. Oxford University Press; 2017: 1-22.

##### Corporate Author

World Health Organization, Geneva. 2019. WHO Study Group on Tobacco Product Regulation. Report on the scientific basis of tobacco product regulation: seventh report of a WHO study group. WHO Technical Report Series, No. 1015.

NCD Risk Factor Collaboration (NCD-RisC). Rising rural body-mass index is the main driver of the global obesity epidemic in adults. Nature 2019; 569: 260-64.

World Health Organization. Novel Coronavirus (2019-nCoV) Situation Report 85, April 14, 2020. [cited April 2020] Accessed from: <https://www.who.int/docs/defaultsource/coronaviruse/situationreports/20200414-sitrep-85-covid-19>.

#### Online articles

**Webpage:** Webpage are referenced with their URL and access date, and as much other information as is available. Cited date is important as webpage can be updated and URLs change. The "cited" should contain the month and year accessed.

Ministry of Health Malaysia. Press Release: Status of preparedness and response by the ministry of health in and event of outbreak of Ebola in Malaysia 2014 [cited Dec 2014]. Available from: [http://www.moh.gov.my/english.php/database\\_stores/store\\_view\\_page/21/437](http://www.moh.gov.my/english.php/database_stores/store_view_page/21/437).

#### Other Articles:

##### Newspaper Article

Panirchellvum V. 'No outdoor activities if weather too hot'. the Sun. 2016; March 18: 9(col. 1-3).

##### Magazine Article

Rampal L. World No Tobacco Day 2021 -Tobacco Control in Malaysia. Berita MMA. 2021; May: 21-22.

#### Tables:

All tables and figures should have a concise title and should not occupy more than one printed page. The title should concisely and clearly explain the content of the table or figure. They should be numbered consecutively with Roman numerals (e.g Table I) and figures with Arabic numerals (e.g. Figure 1), and placed after the sections of the manuscript which they reflect, particularly the results which they describe on separate pages. Cite tables in the text in consecutive order. Indicate table footnotes with lower-case letters in superscript font. Place the information for the footnote beneath the body of the table. If a table will be submitted as a separate document, the filename should contain the surname of the first author and match its label in the manuscript (e.g., SMITH Table 1). Vertical lines should not be used when constructing the tables. All tables and figures should also be sent in electronic format on submission of the manuscript as supplementary files through the journal management platform. Clinical Photographs should conceal the subject's identity. Tables and flow-charts should be submitted as Microsoft Word documents. Images should be submitted as separate JPEG files (minimum resolution of 300 dpi).

#### Photographs of Patients:

Proof of permission and/or consent from the patient or legal guardian must be submitted with the manuscript. A statement on this must be included as a footnote to the relevant photograph.

#### Colour reproduction:

Illustrations and diagrams are normally reproduced in black and white only. Colour reproductions can be included if so required and upon request by the authors. However, a nominal charge must be paid by the authors for this additional service; the charges to be determined as and when on a per article basis.

#### Abbreviations:

Use only standard abbreviations. The full-term for which an abbreviation stands should precede its first use in the abstract, article text, tables, and figures, unless it is a standard unit of measurement. Abbreviations shall not be used in the Title. Abbreviations should be kept to a minimum.

#### Formatting of text:

Numbers one to ten in the text are written out in words unless they are used as a unit of measurement, except in tables and figures. Use single hard-returns to separate paragraphs. Do not use tabs or indents to start a paragraph. Do not use the automated formatting of your software, such as hyphenation, endnotes, headers, or footers (especially for references). Submit the Manuscript in plain text only, removed all 'field codes' before submission. Do not include line numbers. Include only page number.

#### BEST PAPER AWARD

All original papers which are accepted for publication by the MJM, will be considered for

# 30th International Congress of the Obstetrical & Gynaecological Society of Malaysia (OGSM 2023) Organising Committee

<b>Organising Chairman</b>	Prof Dr Nazimah Idris
<b>Business Manager</b>	Dr Eeson Sinthamoney
<b>Finance Manager</b>	Dr Rama Krishna Kumar Krishnamurthy
<b>Scientific Committee</b>	Dr Muniswaran Ganeshan (Chairman) Dato' Dr Prashant Vasant Nadkarni Prof Dr Woo Yin Ling Assoc Prof Dr Sivakumar Balakrishnan Assoc Prof Dr Ani Amelia Dato' Zainuddin Dr S. Sevellaraja Dr Voon Hian Yan Dr Premitha Damodaran
<b>Abstract Management and Free Communications</b>	Assoc Prof Dr Aida Hani Mohd Kalok
<b>Programme Manager</b>	Dr Ravinderjit Kaur
<b>Publicity &amp; Website</b>	Dr Goh Huay-yee
<b>Social</b>	Dr R.M. Udayar Pandian Ramachandhiran

## ABSTRACTS

## ORAL PRESENTATION

OP-01	Relationship between maternal serum iron and pre-eclampsia: A case-control study <i>Evelyn Ting Lee Pian, Liew Pei Yee, Yong Soon Leong, Kang Marcus</i>	1
OP-02	Echogenic cardiac foci during second trimester detail scan: Clinical characteristic and pregnancy outcome <i>Fathi Ramly, Shuhaila Ahmad, Rahana Abd Rahman, Nor Azlin Mohamed Ismail</i>	1
OP-03	Comparing emergency and planned peripartum hysterectomy in a tertiary centre <i>Jagdeesh Kaur, Nor Aini Mohamad, Mohd Fairudzi Afzanizam Salleh, Kamarul Azhar Kamaruddin, Yusmadi Abdullah, Noraslawati Razak, Malina Osman, Roziana Ramli</i>	2
OP-04	Factors associated with the knowledge of COVID-19 and perception of vaccination among pregnant women in Hospital Tunku Azizah, Kuala Lumpur <i>Nur Aizati Athirah Daud, Wu Jie Wen, Pavithira A/P Subramaniam</i>	2
OP-05	A 10-year review on prophylactic McDonald's cervical cerclage as prevention of recurrent second trimester loss and pre-term birth in Hospital Sultanah Bahiyah, Alor Setar, Kedah <i>Siti Sarah Mohamad Shokri, Izzat Hafifie Hazmi</i>	3
OP-06	Prospective double-blinded trial of transabdominal versus transvaginal cervical length screening for prevention of preterm births <i>Hian Yan Voon, Leh Ping Sii, Lee Na Tan, Haszalika Harlik, Rafaie Amin</i>	3
OP-07	Maternal to neonatal transmission of antibody against COVID-19 study – The TRAB CoV-19 <i>Ahmad Mohd Faizal, Lyanna Khairunnisya, Shamsul Azhar Shah, Rahana Abd Rahman, Esther Loh, Shareena Ishak, Zaleha Abdullah Mahdy</i>	4
OP-08	Association of gestational weight gain (GWG) in obese pregnant women with pregnancy outcomes in Hospital Seremban: A retrospective study <i>Zurina Mt Nor, Nurkhairulnisa Abu Ishak, Krishna Kumar Hari Krishnan</i>	4
OP-09	Defect specific posterior repair vs posterior colporaphy: Medium-term outcomes <i>Ixora Kamisan Atan, Nurul Wahidah Wagimon, Teh Siok Chin, Aisyah Al Zabidi, Rima Anggrenas Dasrilayah, Pei Shan Lim</i>	5
OP-10	Effects of co-treatment of GnRH-analog alone or in combination with aromatase inhibitor or progestin on endometrial $\alpha\beta 3$ integrin expressions in women with recurrent miscarriage <i>Ahmad Mohd Faizal, Abd Aziz Nor Haslinda, Mohd Saleh Muhammad Fakhri, Shafiee Mohamad Nasir, Abd Shukor Nordashima, Abu Muhammad Azrai, Abdul Karim Abdul Kadir</i>	5
OP-11	Variable expression of IGF-1 mRNA isoforms in endometrioid endometrial cancer (EEC) <i>Abdul Muzhill Hannaan Abdul Hafizz, Norfilza Mohd Mokhtar, Reena Rahayu Md Zin, Nigel P. Mongan, Mohd Nazzary Mamat@Yusof, Kah Teik Chew, Nirmala Chandraleka Kampam, Nor Haslinda Abd Aziz, Mohamad Nasir Shafiee</i>	6
OP-12	The effectiveness of vaginal hygiene wash as an adjunct treatment in women with vulvovaginal candidiasis: A randomized double-blind controlled trial <i>Muhammad Rafi'uddin Hamizan, Nur Azurah Abdul Ghani, Ani Amelia Zainuddin, Mohd Azrai Abu, Chew Kah Teik, Mohd Helmy Mokhtar, Nurliyana Razak, Izyan Atiqah Zakaria</i>	6



## CONTENTS

## Page

OP-13	Menstrual pattern among high body mass index (BMI) women. Does exercise improve menstrual heaviness? <i>Nadzratulaiman Wan Nordin, Norazilah Mat Jin, Noorkardiffa Syawalina Omar, Zatul Akmar Ahmad</i>	7
OP-14	Painful bladder syndrome/interstitial cystitis like symptoms among Malaysian women <i>Dasrilsyah RA, Md Pauzi SF, Wagimon NW, Lim PS, Kamisan Atan I</i>	7
OP-15	Impact of COVID-19 pandemic towards family planning in Malaysia <i>Siti Hajar Abd Azman, Chew Kah Teik, Nor Azlin Mohamed Ismail, Nur Azurah Abd Ghani, Muhammad Azrai Abu, Shamsul Azhar Syah</i>	8
OP-16	The effectiveness of transvaginal ultrasound (TVS) in the detection of occult anal sphincter injury: The convenient and accessible way <i>Zalina Nusee, Fazlin Harun, Hafizah Pasi, Nurul Hikmah MN, Azmi Mat Noor, Khong Jac Mun, Mohd Fadli MD Aris</i>	8

## VIDEO PRESENTATION

VP-01	“En Caul” caesarean delivery for multiple pregnancy <i>Nur Zawani Zainon, Hamizah Ismail, Nurul Jannah Ismail, Nurul Nafizah Abdul Rashid, Nur Rashidah Abd Malik</i>	9
VP-02	Amniotic band syndrome (ABS) – A deadly trap in utero <i>Nurazlina binti Azizi, Muhammad Zarif Asraf bin Zulkeffle, Kamarul Azhar bin Kamaruddin, Emily Christine D’Silva, Buvanesh A/P Chelliah</i>	9
VP-03	Ex Utero Intrapartum Treatment (EXIT) procedure in a fetus with left neck macrocystic lymphatic malformation: A case report <i>Seema Sehgal, Khor L L, Bavanandam Naidu</i>	10
VP-04	A safe indocyanine green dye (ICG) injection into the ureters (EP Method) in 3D-laparoscopic complex gynaecologic surgery <i>Sharifah Halimah Ja’afar, Tan Ee Ping, Sufian Hady, Alex Mathews</i>	10
VP-05	Intrauterine exchange transfusion of the fetus with severe fetal anaemia: A case report <i>Shashi Indran Naidu, Krishna Kumar</i>	11
VP-06	A case of an ultrasound-guided laparoscopic excision of a scar ectopic pregnancy in Hospital Sungai Buloh <i>Sulochanadevi Thanapalan, Vishaalini Sarkunan, May Shi Leong, Sundar Gagan Santhana Dass</i>	11
VP-07	Innovation in surgical training: Anterior colporaphy simulator <i>Siti Farhana Md. Pauzi, Nurul Wahidah Wagimon, Rima Anggrenna Dasrilsyah, Ixora Kamisan Atan</i>	12
VP-08	Laparoscopic pelvic sentinel node mapping with indocyanine green for early-stage uterine cancer <i>Vijayavel Vadiveloo</i>	12
VP-09	Microwave ablation – A safety examination <i>Krishna Kumar Hari Krishnan</i>	13

## POSTER PRESENTATION

PP-01	A successful management of abdominal pregnancy: A rare case report <i>Abirami K, Tham SW</i>	14
PP-02	A case report on DCDA twin: Outcome after spontaneous rupture of membrane of twin 1 <i>Absari Anjum, Rukhsana Iqbal</i>	14
PP-03	Pituitary adenoma in pregnancy with progression of visual disturbance <i>AS Ahmad, R Kumar</i>	15
PP-04	Oculogyric crisis in pregnancy: A case review <i>Andi Atiqah, Michael FW Hoong</i>	15
PP-05	Coexisting pathology of unruptured ectopic pregnancy with concurrent ipsilateral dermoid cyst: A rare occurrence <i>Anne Nicole Fuentes</i>	16
PP-06	Atypical presentation and delayed diagnosis of Herlyn-Werner-Wunderlich syndrome: A case report and literature review <i>Aruna Rangasamy, Aruku Naidu Apana</i>	16
PP-07	A case series of caesarean scar pregnancy (CSP) in Hospital Tengku Ampuan Rahimah <i>Ashvini S, Ong ZW, Anizah AR</i>	17
PP-08	Steroid cell tumour of the ovary: A rare case report <i>Asma' Mohd Haslan, Nurul Jannah Ismail, Hamidah Omar, Anuradha A/P Suberamianiam</i>	17
PP-09	Amniotic fluid embolism: A successful outcome <i>Aznita Azira Nithia, Chong Jie Wen, Nor Jumizah Abd Kadir</i>	18
PP-10	A case series of successful aspirin desensitization in acetylsalicylic acid-sensitive pregnant women <i>Che Mas Fairoza Che Harun, Soon Leong Yong, Roziah Husin</i>	18
PP-11	It is just another GERD <i>Earn Shin Cheong, Catherine Param Paramanathan</i>	19
PP-12	Cervical mass in pregnancy – is this cancer or false alarm? A case report <i>Choi Yee Xian, Mohamad Faiz Mohamed Jamli</i>	19
PP-13	Misoprostol toxicity in second trimester pregnancy: A case review <i>Clarence D. Sirisani, Michael Hoong</i>	20
PP-14	Placenta accreta spectrum in unscarred uterus <i>Elvina Jasson, Michael Hoong Farn Weng</i>	20
PP-15	Mismatch nightmare <i>Emily D'Silva, Carol Kar Koong Lim, Veena Selvaratnam</i>	21
PP-16	Bilateral tubal ectopic pregnancies: A rare phenomena <i>Fan Yue Mun, Nora Asyikin, Andrea Angeline Dass</i>	21



**CONTENTS****Page**

PP-17	Utilizing cardiac MRI in a STEMI mimic for clinical decision making in pregnancy: A case report <i>Fathi Ramly, Jamiyah Hassan, Nadzratulaiman Wan Nordin, Hafisyatul Aiza Zainal Abidin, Roqiah Fatmawati Abdul Kadir</i>	22
PP-18	Primary myeloproliferative neoplasm in pregnancy: Maternal and fetal outcomes. A case report <i>Fua SW, Nur Izyani ZA, Nurbadriah J, Roziah Husin, Ahlam NK, Jalilah Abdullah</i>	22
PP-19	Surprises in both tubes: A case report of spontaneous bilateral tubal ectopic pregnancy <i>Zhen Yao Gan, Keat Sim Ng</i>	23
PP-20	High grade endometrial stromal sarcoma: A case report <i>Gayathri Sitharai, Suntharram Krishnasamy, Shahila Tayib</i>	23
PP-21	Is it a prolapsed uterus... or is it a tumour? <i>Hateeza Z</i>	24
PP-22	Case series of ERCP in pregnancy in single Centre <i>Miaw Ping Vicky Ho, Mohamed Amin Kader, Nur Asyikin Noor Rizzuddin, Muniswaran Ganeshan</i>	24
PP-23	Amniotic band sequence: A case report <i>Shu Ying Ho, Michael FW Hoong</i>	25
PP-24	A dubiety cord and its dilemma <i>Intan Sabrina Haniff, Buvanesh Chelliah</i>	25
PP-25	Neuroendocrine tumour of the pancreas in pregnancy: A case report <i>Kartik Balaraman, Nabilah Abd Rahim, Joy P, Yu Kok Kin</i>	26
PP-26	Right angular pregnancy with impending uterine rupture on a previous caesarean scarred uterus – “A single in a lifetime” <i>Wan Sharifah Othman, Kiranjit Kaur, Nurulhuda Binti Abdul Rahman, Jumaida Bt Abu Bakar</i>	26
PP-27	Swyer syndrome with dysgerminoma: A case report <i>YK Koik, Nur Azwin Hamran, MP Tew, Muhammad Noor Asyraf Zakaria, Mazniza'in bt Mohammad, Ismail bin Aliyas</i>	27
PP-28	Ovotesticular disorder of sex development with 46 XY – Rare and out of the ordinary <i>Lavitha Sivapatham, Kah Loong Tan, Lee Poh Ching, Kaamini Planisamy</i>	27
PP-29	Wernicke’s encephalopathy secondary to hyperemesis gravidarum: A case report <i>Leong Chew Ken, Siti Munirah binti Hashim, Sharmini Diana Parampalam</i>	28
PP-30	Combined pre-implantation genetic testing for aneuploidy (PGT-A) and pre-implantation genetic testing for monogenic disorder (PGT-M) analysis from a single embryo biopsy: A Malaysian case with de novo mutation in the CACNA1S gene <i>Lim Yi Yi, Teo Pooi Mun, Tang Hoay Loon, Yee Siew Yin, Kannappan Palaniappan, Hoo Mei Lin</i>	28
PP-31	Partial HELLP syndrome – dilemma in delivery <i>Khai Leng Lua, Jie Wen Chong, Roziana Binti Ramli @ Ismail</i>	29
PP-32	Uterine arteriovenous malformation during pregnancy <i>Khai Leng Lua, Yusmadi Bin Abdullah</i>	29

**CONTENTS****Page**

PP-33	Lymphoma in pregnancy – devastating decision of delivery and treatment <i>Khai Leng Lua, Roziana Binti Ramli @ Ismail, Yusmadi Bin Abdullah, Ganesh Kasinathan</i>	30
PP-34	Not the usual abdominal pain – Case report on spontaneous intraabdominal bleeding in pregnancy <i>Mah Hui Shin, Choi Yee Xian</i>	30
PP-35	HELLP syndrome in postpartum woman – A sudden death <i>Melor M, Sarah S, Khairul A, Ridzuan A, Mu'az S., Izyan S, Amir S, Maheran R</i>	31
PP-36	Cervical ectopic pregnancy successfully treated with single dose intramuscular methotrexate: A case report <i>Mohamad Tarmizi Yusof, Adzmarina Abd Manaf, Noor Aini Harun</i>	31
PP-37	Dilemma in managing pelvic mass from the uterus <i>Abd Rahman MU, Lim Chung Siang R, Ahmad Adlan AS, Valliyappan NV, Azhary JMK</i>	32
PP-38	Heterotopic pregnancy incidence in Hospital Banting in year 2022 <i>Munirah binti Rahman</i>	32
PP-39	Recurrent haemoptysis in pregnancy secondary to aneurysmal dilatation of right proximal bronchial artery with unilateral absence of right pulmonary artery: A case report <i>Nabilah Abd Rahim, Kartik Balaraman, Yu Kok Kin</i>	33
PP-40	Mitral mechanical heart valve in pregnancy – anticoagulant management during peripartum period and complication: A case series <i>Nadia A, Elvina J</i>	33
PP-41	Acquired Haemophilia A in pregnancy: A case report <i>Nadia A, Elvina J, Chan KS</i>	34
PP-42	46 XY partial gonadal dysgenesis with gonadoblastoma and dysgerminoma following laparoscopy prophylactic bilateral gonadectomy: A case report <i>Nik Sumayyah Nik Mhd Nor, Noorkardiffa Syawalina Omar, Lee Poh Ching, Loh Sweet Yi Esther, Ani Amelia Zainuddin, Nur Azurah Abdul Ghani</i>	34
PP-43	Clear cell adenocarcinoma of the cervix in adolescence: An extremely rare case <i>Nina Lau</i>	35
PP-44	Case report on the conservative management of a prepubertal girl with urethral prolapse <i>Noor Asikin Mohd Sakri, Amira Anis Ali Yeon, Nurkhairulnisa Abu Ishak</i>	35
PP-45	Osmotic demyelination syndrome in pregnancy: A case report <i>Noor Mazera AM, Elvina J, Michael FW Hoong</i>	36
PP-46	End stage renal disease (ESRD) in pregnancy undergoing hybrid dialysis during the second trimester of pregnancy: A case report <i>Izzati Radzali, Raymond Lim Chung Siang, Vallikkannu Narayanan</i>	36
PP-47	Successful live birth in a woman with premature ovarian insufficiency and male factor infertility: A case report and management strategies <i>Norazilah Mat Jin, Akmal Hisyam Arshad, Anisa Aisyah Aminuddin</i>	37

**CONTENTS****Page**

PP-48	A case of complex mullerian anomaly <i>Norfaridzuan, Ana Vetriana, Lim Leek Mei</i>	37
PP-49	Metachronous uterine cancer following pelvic irradiation therapy for cervical cancer: A case report <i>Nur Azwin Hamran, Koik Yen Kuang, Ismail Aliyas, Mazniza'in Mohammad</i>	38
PP-50	Infective subcutaneous endometrioma following caesarean section: A case report and review of the literatures <i>Nur Khalisah Muhd Yazid Selvam, Nur Farahin Mohd Razali, Nur Adzllinda Kassim, Anita Rina Ali</i>	38
PP-51	Acute abdomen due to twisted immature ovarian teratoma in a 7-year-old girl: A case report and literature review <i>Nur Nazihah Mohd Amin, Dharshini Renganathan, Pang Suk Chin, Hazliawati Ab. Aziz, Koik Yen Kuang</i>	39
PP-52	Central nervous system tumour in pregnancy: A case report <i>Nur Rashidah A.M., Nurul Nafizah M.R., Hamizah I., Mohamed Saufi A.</i>	39
PP-53	Primary ovarian choriocarcinoma: A rare entity <i>Majdiah Syahirah Nasir, Nur Rowaidah Roslan</i>	40
PP-54	The silent enigma: Unveiling the monstrous ovarian mass <i>Mohammad Irfan Adli bin Abdullah, Nur Rowaidah Roslan, Arifah Jamaluddin</i>	40
PP-55	Role of parental iron sucrose in pregnant women with non-transfusion-dependent thalassaemia and concurrent iron deficiency anaemia: A case series <i>Nur Syuhaina AB, Nurulnajwa J, Soelar SA, Chee Peng H, Sarah S, Mohd Khairul A, Ridzuan A, Maheran R</i>	41
PP-56	Complete hydatidiform molar pregnancy mimicking malignancy <i>Nurdayana Salihin, Juliana Binti Mohamad Basuni, Mohamad Faiz Bin Mohamed Jamli, Akmal Hisyam Arshad</i>	41
PP-57	Xanthogranulomatous (pseudoxanthomatous) salpingitis masquerading malignancy <i>Nurdayana Salihin, Nurul Ilyani Binti Jamaludin, Mohamad Faiz Bin Mohamed Jamli</i>	42
PP-58	From snow storm to thyroid storm: A challenge in management <i>Nurhanis Ayuni Abd. Wahab, Nurul Wahidah Wagimon, Abdul Kadir Abdul Karim, Ng Beng Kwang, Nur Azurah Abdul Ghani, Nor Azlin Mohamed Ismail</i>	42
PP-59	Caesarean scar pregnancy – the dilemma in management <i>Nurul Ain Samsuddin, Praveeta Thachanamurthy, Fairuza Syahira Mohd Azmi, Harun Husin, Sushilnathan Kathirgamanathan</i>	43
PP-60	“Scar pregnancy – big dilemma” Hospital Sultan Abdul Halim experience <i>Nurul Ain Samsuddin, Nurhayati Alias, Harun Husin, Sushilnathan Kathirgamanathan</i>	43
PP-61	Giant serous adenofibroma of fallopian tube: A case report <i>Nurul Amirah Shaik Farid, Nur Azwin Hamran</i>	44
PP-62	Angular pregnancies: Different clinical courses and management <i>Nurul Mutmainnah Yusof, Hamizah Ismail</i>	44

**CONTENTS****Page**

PP-63	Disseminated Non-Hodgkin, diffuse large cell B-cell lymphoma involving the clitoris, breasts and colon: A case report <i>Nurul Nadiyah R, Najihah A A R, Daniel Roza D, Hairel Z M T, Norazayati R, Kembang Aziah Y, Syamilah M, Juliana K, Yong S Y</i>	45
PP-64	Obstructed hemivagina with ipsilateral renal abnormality (OHVIRA) in a district hospital in Malaysia: A case report <i>Nurul Nadiyah R, Hairel Z M T, Norazayati R, Kembang A Y, Syamilah M, Juliana K</i>	45
PP-65	Complex diagnosis of pancytopenia in pregnancy: A challenge in diagnosis and management <i>Nuryuziliana D, F Hanis MW, Tham SW</i>	46
PP-66	Fetus in fetu in monozygotic twins: A mass in the body – a rare entity <i>Nuryuziliana D, Hanis, Tham SW</i>	46
PP-67	Intra-placental choriocarcinoma: A rare malignancy following an intrauterine death <i>Nuryuziliana D, Nur Azimah H, Tham SW</i>	47
PP-68	OHVIRA (Obstructed Hemivagina and Ipsilateral Renal Agenesis) syndrome – a rare anomaly: A case report <i>Ong Sheng Yang, Ilyani binti Mohd Alias, Pang Suk Chin</i>	47
PP-69	A case of maternal mortality – meningioma in pregnancy <i>Pang Fei San, Ho Shu Ying, Hii Ling Yien</i>	48
PP-70	Spontaneous uterine rupture following unilateral salpingectomy: A case report <i>Priyadharshini Balakrishnan, Kiranjit Kaur, SJ Lee</i>	48
PP-71	Pregnancy outcome post pneumonectomy in bronchiectasis: A case report <i>Quah Swee Teng, Shasindran Ramanujam</i>	49
PP-72	Ultrasound-guided percutaneous microwave ablation of uterine fibroid – The way forward: A case report <i>Rathi Vathani Kathiravellu, Nurul Atiqah Radzali, Sundar Gagan Santhana Dass, Darminder Singh Chopra</i>	49
PP-73	Urethral diverticulum with stone: An uncommon vaginal mass <i>Rima Anggrenas Dasrilyah, Maherah Kamarudin, Aruku Naidu Apana</i>	50
PP-74	Dealing with surgical challenges during vaginal hysterectomy with uterine fibroid <i>Rima Anggrenas Dasrilyah, Maherah Kamarudin, Aruku Naidu Apana</i>	50
PP-75	Rectus sheath hematoma post-caesarean section in patient receiving anticoagulant: A case report <i>Sarah Yi Xin Khoo, Siti Nuriah Rafiah Ibrahim, K.N. Kamarudin</i>	51
PP-76	Pregnancy after HIFU in patients who had previously failed IVF: A case series <i>Sevellaraja Supermaniam, Yun-Hsuen Lim, Tan Ee Ping, Thinakaran Malapan, RMU Pandian R, Leong Wai Yew</i>	51
PP-77	Cranio-cervical junction intramural extramedullary meningotheelial meningioma in pregnancy: A case report <i>Chew Ken Leong, Shanti Jeyapalan</i>	52

**CONTENTS****Page**

PP-78	Unveiling the unforeseen: Huge liver cyst masquerading as ovarian cyst in pregnancy <i>Sharon Wee, Elvina Jasson, Cezzane Kok</i>	52
PP-79	When bowel motility goes awry: The mysterious condition of Ogilvie syndrome <i>Leh Ping Sii, Ing Hie Wong, Kang Marcus</i>	53
PP-80	A review on management of cervical stump prolapse <i>Siti Farhana Md Pauzi, Rima Anggrenas Dasrilsyah, Ixora Kamisan Atan</i>	53
PP-81	Double trouble combo – aggressive cervical angiomyxoma with leiomyoma: A rare entity <i>Siti Hajar Abd Azman, Muhammad Rafi'uddin Hamizan, Lim Pei Shan, Chew Kah Teik, Mohd Azrai Abu, Izyan Atiqah Zakaria</i>	54
PP-82	Intrauterine death with placenta praevia major: A case series <i>Siti Nuriyah Rafiah Ibrahim, Sarah Yi Xin Khoo, Vinoth Kumar Sanjivi, K.N. Kamarudin</i>	54
PP-83	Cerebral venous thrombosis in postpartum: A case series <i>Siti Nuriyah Rafiah Ibrahim, Sarah Yi Xin Khoo, KN Kamarudin</i>	55
PP-84	Ovarian ectopic: A diagnostic dilemma <i>Suriani Idris, Zaidatul Husna binti Mohamad Noor, Jamiyah Hassan</i>	55
PP-85	Incomplete transverse vaginal septum presenting as recurrent vulvovaginitis – A rare presentation <i>Susan Diane Akinyi Adongo, Abdul Ghani Nur Azurah, Noorkardiffa Syawallina Omar, Jerilee Mariam Khong Azhary, Sweet Yi Esther Loh, Nik Sumayyah Nik Mhd Nor, Lee Poh Ching, Ani Amelia Zainuddin</i>	56
PP-86	Ovarian sarcoidosis, rare but true <i>Syuhaidah Mohamad, Sufiah Nordin, Seng Woh Tham</i>	56
PP-87	A silent mitral stenosis in pregnant lady: A case report <i>Syuhaidah Mohamad, Sufiah Nordin, Seng Woh Tham</i>	57
PP-88	Rupture of an intracranial arteriovenous malformation (AVM) in in-vitro fertilisation (IVF) pregnancy: A case report <i>Tew Min Ping, Rosliza binti Shafie</i>	57
PP-89	Giant ovarian mucinous cystadenoma misdiagnosed as a massive ascites <i>Thara Nur Atiqah, Badrul Hisyam, Zatul Akmar Ahmad</i>	58
PP-90	Opps! IUCD in my poop! <i>Tharishinee Tarmalingam, Andrea Angeline Dass</i>	58
PP-91	Dextro-rotated uterus in benign gynaecological surgery <i>Khaliza Kazrin, Wan Nurul Ezyani, Raymond Lim Chung Siang, Jerilee Mariam Khong, Aizura Syafinaz Ahmad Adlan, Narayanan Vallikannu Valliyappan</i>	59
PP-92	Endometrial cancer in a young lady <i>Yee Yee Kyaing, Awi Anak Idi</i>	59
PP-93	Oligohydramnios: A risk of adverse perinatal outcomes <i>Yee Yee Kyaing</i>	60

**CONTENTS****Page**

PP-94	Astrocytoma in pregnancy <i>Yunesh Krishnan, Raymond Lim Chung Siang, Jerilee Mariam Khong, Aizura Syafinaz Ahmad Adlan, Narayanan Vallikannu Valliyappan</i>	60
PP-95	A twist in the diagnosis... but it is the uterus! Uterine torsion of a gravid uterus in a district hospital: A case report <i>Mazrin Nur Mohd Ali, Zahar Azuar Zakaria, Ammanda Elydia Ramli</i>	61
PP-96	Successful term pregnancy in a bicornuate uterus with previous caesarean section <i>Zaidatul Husna Mohamad Noor, Suriani Idris</i>	61
PP-97	Aggressive malignant ovarian tumour in a young patient <i>Zamzida Yusoff, S Rahim S Hamid, Hakim G Bilal</i>	62
PP-98	Baffling pyometra in a poorly controlled diabetic patient with stroke <i>Zamzida Yusoff, S Rahim S Hamid, Hakim G Bilal</i>	62
PP-99	Preoperative advice and counselling on hormone replacement therapy among women undergoing surgical menopause in Hospital Seberang Jaya: A clinical audit <i>Lin Aun Ong, Aini Hanan Azmi, Nur Insyirah Azwa Ridwan, Nur Farhana Amani Che Wan Ahmad, Nivadhavalle Muthiah, K Balanathan, Ranjit Singh</i>	63
PP-100	A systematic review: Is surgical technique the best option in patients with vaginal agenesis? <i>Alma Dhiani Paramita, Anastassya Yuniar Setyo Putri, Farah Azwinda, Eighty Mardiyani Kurniawati</i>	63
PP-101	Evaluation of the effectiveness of Dienogest in long term: A retrospective study on long term treatment of Dienogest among endometriosis patients at Hospital Seberang Jaya, Pulau Pinang in seven years (Year 2016-2022) <i>Maiyyammai Chitra, Kalaivani K, Nurul AF, Ooi ZG, Sivabala S, Soelar SA, Sarah S, Ranjit S, K Balanathan K</i>	64
PP-102	Incidences, risk factors and management of postpartum haemorrhage among anaemic and non-anaemic patients in Hospital Seberang Jaya, Penang – A retrospective study (Year 2020) <i>Nanthini A/P Permale, Vanisha Naidu A/P Rajendaran Naidu, Nur Farhana Amani Binti Che Wan Ahmad, Sarah binti Samsudin, Rosmawati Binti Ahmad, Li Chean Wen, Sazali Bin AK Sani, Ranjit Singh A/L Bhagwan Singh, Balanathan A/L Kathirgamanathan</i>	64
PP-103	Sustainability of telemedicine beyond COVID-19 movement control orders (MCO): HSNZKT experience <i>Nasuha Yaacob, Jamilah Jafar, Khalini Salleh, Siti Nabillah Ab Rahman</i>	65
PP-104	Low level of fertility knowledge and infertility awareness among female healthcare workers (HCW): Audit of O&G HCW <i>Nasuha Yaacob, Mazidah Muda, Siti Nabillah Ab Rahman, Khalini Salleh, Jamilah Jafar</i>	65
PP-105	The uptake, outcome, and challenges of postpartum intrauterine contraceptive device: Sabah Women and Children's Hospital experience <i>Naumi Laboh, Soon Ruey, Norsaadah binti Salim, Normaliza Muhamad, Ana Vetriana Abd Wahab</i>	66
PP-106	The effectiveness of Monofer in the treatment of maternal iron deficiency anemia (IDA) – Hospital Seberang Jaya experiences <i>Nivadhavalle M, Ahmad Hamidi H, Shazana H, Sarah S, Juliana AR, Mairin D, Ranjit S, K Balanathan, Soelar SA</i>	66



**CONTENTS****Page**

PP-107	To evaluate the risk factor and outcome of obstetrics anal sphincter injuries (OASIS) in Hospital Sultanah Bahiyah: A cross-sectional study for year 2021 <i>Norfazilawaty AL, Mohd Yusairi K, Nil Amri NMK, Wan Khamizar WK</i>	67
PP-108	Retrospective study on effectiveness of iron (III) hydroxide with sucrose complex in gynae patients with abnormal uterine bleeding (AUB) in Hospital Kepala Batas, Penang from 2018-2022 <i>Nuha F, Azlin AH, Nor Syamimi Z, Soelar A, Khairul A, Sarah S, Ridzuan A, Maheran R</i>	67
PP-109	An overview of postpartum haemorrhage (PPH) incidence and risk factors in Kepala Batas Hospital, Penang from year 2020 to 2022: A retrospective study <i>Nur Hanisah I, Ruslida S, Zaheera Ariani Z, Sarah S, Khairul A, Ridzuan A, Maheran R, Soelar SA</i>	68
PP-110	Validation and clinical case report in non-invasive prenatal testing for all chromosomes <i>Sam Martin, Hyuk Jung Kwon, Dabin Park, Woo Jung Do, Min Seob Lee</i>	68
PP-111	The consent from spouse in Obstetrics & Gynaecological procedures: Is it necessary? <i>Siti Farhana Md Pauzi, Suria Fadhillah Md Pauzi, Ida Rosnita Ismail</i>	69
PP-112	Comparative cross-sectional study of labour outcomes between Zhang's criteria and Friedman's criteria in a tertiary centre east coast Malaysia <i>Siti Normal, Nurkhairulnisa Ishak</i>	69
PP-113	Anxiety levels in pregnant women due to maternal and fetal effects of COVID-19 vaccination: A comparative cross-sectional study <i>Sohail Lakhani, Sarah Saleem, Shafquat Rozi, Nargis Asad, Haleema Yasmeen, Saleem Jessani, Iffat Ahmed</i>	70
PP-114	Multidisciplinary review of emergency caesarean sections <i>Suvidya Rajendran</i>	70
PP-115	Preoperative abdominal sliding sign to predict intraoperative adhesions in women with two or more previous caesarean sections <i>Voon Hian Yan, Janice Teh, Liew Chee Kang</i>	71
PP-116	The usage of intravenous iron in correcting antenatal anaemia: A pilot study <i>Wang M, SD Parampalam</i>	71
PP-117	WHO labour care guide (2020) vs modified WHO partograph (2000): The early experience in Hospital Kemaman <i>Zahar Azuar Zakaria, Mazrin Nur Mohd Ali</i>	72
PP-118	Failed instrumental delivery: The maternal and neonatal complications <i>Zahar Azuar Zakaria, Mazrin Nur Mohd Ali, Maria Muhammad, Azny Syahirah Mohd Yusof</i>	72
PP-119	Gene expression of immune-related markers, PD-1, PD-L1, and PD-L2 in tissue of endometrioid endometrial cancer <i>Mohd Nazzary Mamat @ Yusof, Kah Teik Chew, Nirmala Chandraleaga Kampan, Nor Haslinda Abd. Aziz, Abdul Muzhill Hannaan Abdul Hafizz, Mohamad Nasir Shafiee</i>	73
PP-120	Fertility preservation surgery in early-stage ovarian cancer <i>Muhd Ashraf Bin Ahmad, Mohd Azam bin Mohd Yusof, Mazniza'in binti Mohamad</i>	73
PP-121	Effectiveness of cryotherapy for histologically confirmed cervical intraepithelial neoplasia Grade 1 (CIN I) in a centre, North Malaysia <i>Nur Azwin Hamran, Koik Yen Kuang, Ismail Aliyas, Mazniza'in Mohammad</i>	74

**CONTENTS****Page**

PP-122	Folic acid levels among healthy pregnant women and their new-born in Sultan Ahmad Shah Medical Centre @IIUM <i>Fariah Najihah Hashim, Hamizah Ismail, Edre Mohamad Aidid, Aminatulmunirah Kasim, Syaza Nur Farida Razli, Nur Zamzila Abdullah, Norlizsharrdira Zakaria, Zalina Nusee</i>	74
PP-123	Visual aid posters on fetal heart rate monitoring: A training tool for improving patient safety and satisfaction in KK Women's and Children's Hospital (KKH), Singapore <i>Lee AX, Tan KT, Christy Cao YH, Tan LK</i>	75
PP-124	A retrospective study on pre-eclampsia in Hospital Universiti Sains Malaysia, Kelantan <i>Mas Irfan Jaya Mahamooth, Rahimah Abdul Rahim</i>	75
PP-125	Utilization of obstetric ultrasound in the diagnosis of severe fetal ocular pathology associated with familial exudative vitreoretinopathy (FEVR) <i>Muhammad Zarif Asraf bin Zulkeffle, Nurazlina binti Azizi, Norhafizah binti Hamzah, Emily Christine D'Silva, Buvanesh A/P Chelliah</i>	76
PP-126	A proposed guide: Anti-Xa guided LMWH dosing for pregnant mothers with mechanical heart valves as a safer option compared to the conventional weight based LMWH dosing <i>Nurazlina binti Azizi, Intan Sabrina binti Mohamed Haniff, Muniswaran A/L Ganesham @ Ganeshan</i>	76
PP-127	Procedure-related complications of amniocentesis: A 5-year-review in a maternal fetal medicine training centre <i>Juliana Kamarudin, Shashi Indran Naidu, Krishna Kumar</i>	77
PP-128	Review of 6 patients undergoing microwave ablation for uterine fibroids: A case series <i>H Krishna Kumar</i>	77
PP-129	3D-total laparoscopic hysterectomy of a very large uterine myoma in a super morbidly obese woman of body mass index 60 kg/m <sup>2</sup> : A case report <i>Sharifah Halimah Ja'afar, Shahridan Mohd Fathil</i>	78
PP-130	The surgical outcomes of robotic-assisted myomectomy versus laparoscopic myomectomy by an experienced laparoscopic surgeon <i>Sharifah Halimah Ja'afar, Tey Shea Reen, Sufian Hady, Yi-Chen Chuang</i>	78
PP-131	Laparoscopic marsupialization of a symptomatic infected pelvic lymphocele <i>Vijayavel Vadiveloo</i>	79
PP-132	Turner syndrome with a missing uterus: A case report <i>Adelynne Kalpana Sarat, Leek Mei Lim, Ana Vetriana Abd Wahab</i>	79
PP-133	Prevalence of anxiety and depression and quality of life in women with Mayer-Rokitansky-Kuster-Hauser (MRKH) syndrome in Malaysia <i>Khailiyana Khairudin, Nur Azurah Abdul Ghani, Shamsul Azhar Shah, Tuti Iryani Mohd Daud, Jerilee Azhary, Esther Loh Sweet Yi, Noorkardiffa Syawalina Omar, Anizah Ali, Ani Amelia Zainuddin</i>	80
PP-134	A peculiar case of endocervical polyp in an adolescent and a review of cervical rhabdomyosarcoma in adolescent <i>Leek Mei Lim, Suguna Subramaniam, Ana Vetriana Abd Wahab</i>	80
PP-135	Endometriosis in Mayer-Rokitansky-Küster-Hauser (MRKH) syndrome: A case report and literature review on uterine-conserving approaches <i>Loh Sweet Yi Esther, Noorkardiffa Syawalina Omar, Jerilee Azhary, Lee Poh Ching, Nik Sumayyah Nik Mhd Nor, Susan Diane Akinyi Adongo, Abdul Ghani Nur Azurah, Nurkhairulnisa Abu Ishak, Anizah Ali, Ani Amelia Zainuddin</i>	81

**CONTENTS****Page**

PP-136	Haematocolpos due to imperforate hymen: Seek and you shall find <i>Vanisha Naidu a/p Rajendaran Naidu, Nanthini A/P Permale, Aini Hanan binti Azmi, Balanathan A/L Karthirgamanathan</i>	81
PP-137	Leech bite as a potential cause of per vaginal bleeding in children: A case report <i>Wan Noor Amalya Wan Fadzil Adlan, Liyana Mastura Md Jalaluddin, Zulaikha Mohd Zahari, Anita Rina Ali</i>	82
PP-138	Prognostic factors for IUI outcomes: HSNZ experience <i>Jie Wen Chong, Nasuha Binti Yaacob</i>	82
PP-139	Trigger shot in assisted reproductive technology (ART). Is it time for change? <i>Shiao Chuan Chua, Peter Michael Hinchliffe, John Lui Yovich</i>	83
PP-140	Endometrial $\alpha\beta 3$ Integrin expression in obese women with polycystic ovarian syndrome (PCOS) following progesterone therapy <i>Muhammad Azrai Abu, Fazilah Abdul Hamid, Mohd Helmy Mokhtar, Abdul Kadir Abdul Karim, Nor Haslinda Abd Aziz, Azantee Yazmie Abdul Wahab, Ahmad Mohd Faizal</i>	83
PP-141	Diminished ovarian reserve (DOR) women: The role of rescue-in vitro maturation (Rescue-IVM) <i>Nurul Yaqin Mohd Nor, Mohammad Mahmoud Mohammad Ramadneh, Muhammad Azrai Abu, Abdul Kadir Abdul Karim, Mohd Faizal Ahmad</i>	84
PP-142	Expression of HOXA10 in endometriotic women following modulation of gonadotropin-releasing hormone receptor <i>Lazim Nurunnajah, Elias Marjanu Hikmah, Syafruddin Saiful Effendi, Sutaji Zulazmi, Abu Mohammad Azrai, Abdul Karim Abdul Kadir, Ugusman Azizah, Mokhtar Mohd Helmy, Ahmad Mohd Faizal</i>	84
PP-143	Retrospective analysis of the role of Clomiphene Citrate in gonadotropin stimulated cycles in <i>in-vitro</i> fertilization in a tertiary centre <i>Puvanesvaran Velupulai, Muhammad Azrai Abu, Abdul Kadir Abdul Karim, Mohd Faizal Ahmad</i>	85
PP-144	The efficacy of Aspolelix in prevention of premature LH surge in flexible antagonist IVF protocol <i>Ahmad Shukri Rahilah, Abdul Karim Abdul Kadir, Ahmad Mohd Faizal, Abu Muhammad Azrai</i>	85
PP-145	Better Pregnancy outcomes following implementation of elective “freeze-all” strategy: HSNZ experience <i>Siti Nabillah AR, Nasuha Y, Jamilah J, Khalini S</i>	86
PP-146	Is delayed intracytoplasmic sperm injection (ICSI) useful for patients with poor/failed fertilisation? <i>Tatyana Vaishnavi Christopher Ignatius, Michelle Sheng Rong Lim, Jang Jih Chen</i>	86
PP-147	Role of embolization in arterial hemorrhage following sacrospinous ligament fixation: A case report <i>Nor Zila HM, Ng PY</i>	87
PP-148	Obstructive uropathy following severe pelvic organ prolapse: Is it reversible? <i>Nur Asyikin Noor Rizzuddin, Nor Zila Hassan, Ng Poh Yin</i>	87
PP-149	What are the predictors for transient post-operative urinary retention after pelvic floor surgeries: An observational study <i>Nur Nadia Jamil, Albert Chao Chiet Tan, Poh Yin Ng</i>	88
PP-150	Anterior vaginal wall cysts, mimicking anterior compartment prolapse: A case series <i>Nurul Wahidah Wagimon, Rima Anggrena Dasriisyah, Siti Farhana Md Pauzi, Aruku Naidu Apana, Ixora Kamisan Atan</i>	88

## Oligohydramnios: A risk of adverse perinatal outcomes

**Yee Yee Kyaing**

Department of Obstetrics and Gynaecology, Faculty of Medicine and Health Sciences, University Malaysia Sarawak, Kota Samarahan, Sarawak, Malaysia

### ABSTRACT

**Introduction:** Oligohydramnios is diagnosed when amniotic fluid index is less than 5. The incidence is between 1% and 4.4%. Although there are various maternal, fetal and placental contributory factors, the cause in the majority of cases is unknown. Most oligohydramnios cases warrant obstetric intervention. **Case Description:** A 22-year-old, Gravida 3 Parity 1+1 lady was diagnosed to have gestational diabetes at 15 weeks of gestation, which was well controlled with diet throughout pregnancy. At 34 weeks of gestation, ultrasound examination showed oligohydramnios. Ultrasound assessment confirmed both fetal kidneys were present, and bladder was seen. End diastolic flow was present in umbilical doppler and estimated fetal weight was 2.07 kilograms. After the administration of dexamethasone for fetal lung maturity, induction of labour was started with Cook's balloon catheter. After 5 hours, cardiotocograph showed fetal tachycardia with a non-reassuring tracing. The emergency lower segment caesarean section was performed and a baby of 2.07 kilograms was born with Apgar score 1 in 1 minute and 5 minutes. Umbilical cord blood pH of artery and vein were 7.35 and 7.338 respectively. The baby passed away the next day. **Discussion:** Pregnancy with oligohydramnios have a higher chance of g induction of labour which is beneficial. Pregnancies complicated with only oligohydramnios without underlying disorders may not be associated with adverse neonatal outcomes. But there is evidence that oligohydramnios cases with underlying disorders, their labours are likely to be associated with abnormal cardiotocographs, a higher rate of emergency caesarean sections and adverse neonatal outcomes.

## Astrocytoma in pregnancy

**Yunesh Krishnan, Raymond Lim Chung Siang, Jerilee Mariam Khong, Aizura Syafinaz Ahmad Adlan, Narayanan Vallikannu Valliyappan**

Department of Obstetrics & Gynaecology, Faculty of Medicine, University Malaya, Kuala Lumpur, Malaysia

### ABSTRACT

**Introduction:** Astrocytoma are tumours that originate from astrocytes and are the commonest brain tumour in adults. Physiological and hormonal changes in pregnancy such as fluid retention and increased blood volume, may influence some types of brain tumour. **Case Description:** A 28-year-old, primigravida woman at 25 weeks presented with frontal headache and persistent vomiting of a month duration, with no neurological deficit. MRI brain was performed and a brain tumour was noted with features suggestive of high-grade glioma. She subsequently underwent craniotomy and tumour excision. Histopathological examination was reported as Astrocytoma WHO histological grade 4 with IDH1 mutation detected. **Discussion:** The management of astrocytoma in pregnancy requires a multi-disciplinary approach. A consensus of management should be achieved promptly as pregnancy is known to cause clinical deterioration and tumour growth. Unanswered questions include; 1) when pregnancy should be discouraged, 2) the best monitoring schedule for both mother and fetus, 3) how therapy can be safely administered during pregnancy, and 4) what is the best mode of delivery. For high-grade glioma, the treatment should be the same as that of non-pregnant patients, as the majority of them are young women and early resection and therapy initiation could improve prognosis.