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RESEARCH ACTIVITIES REPORT CRU ASSOCIATE MEMBERS (CRAMS) AND CLINICIAN SCIENTIST COTERIE (CSC) FOR SERIE 4/2023

SHARING FROM CRAMS AND CSC MEMBERS! 4/2023



By Salwana Ahmad

CRAMs Online Meeting was held every 2 months among CRAMs Members, Clinician Scientist Coterie (CSC) Members, and staff among Hospital Sultan Abdul Aziz Shah (HSAAS), UPM, and Faculty of Medicines and Health Sciences, UPM. This session was intended for the CRAMs members to share their research activities in the department and how they are coping with all the coming challenges and striving to keep moving forward. During the session, the members will have to present their research activities report comprising remarkable research activities and outputs, promoting positive perceptions and motivation for facing challenges, improving clinical research, and cultivating research & networking. In light of cultivating the spirit of research and knowledge sharing, here are the summaries of the presentation shared for all of us to get to learn how is everyone is doing in proceeding with the quality research in UPM.



DEPARTMENT OF SURGERY

Background:

The Department of Surgery is one of the core clinical services at Hospital Sultan Abdul Aziz Shah (HSAAS). The Department of Surgery's service history started in 1998 in line with the establishment of the Faculty of Medicine and Health Sciences at Universiti Putra Malaysia. Since the establishment of the Department of Surgery, various specialist and professional services have been provided starting at Hospital Kuala Lumpur and then moved to Hospital Serdang. Apart from clinical services, this department is also responsible for producing doctoral graduates at the Faculty of Medicine and Health Sciences, Universiti Putra Malaysia. In line with the Sultan Abdul Aziz Shah Hospital (HSAAS) opening, the Department of Surgery has expanded its services more efficiently and openly.

Department Specialist and Lecturers:

The department consists of 17 Specialists in total:

- ❖ 2 Professors Adjung, 1 Professor, 3 Associate Professors.
- ❖ 11 Specialists and 6 Medical Officers.



CRAMs Member:
Dr. Ahmad Al-Hafeez
Bin Ahmad Zaidi

REMARKABLE RESEARCH ACTIVITIES AND OUTPUTS

Research Highlights and Achievements:

No.	STAFF NAME	RESEARCH TITLE	Status Start Date/ End Date	Duratio n	Grant Name/ Amount (RM)
1.	Assoc. Prof. Dr. Zubaidah Nor Hanipah	Comparison of therapeutic effects of ginger essential oil and bariatric surgery on liver-related outcomes in non-alcoholic steatohepatitis (NASH) Sprague-Dawley rats	Completed • 15-Nov-2019- 14-Mar-2023	2 years	GP-IPS UPM / 25,000
2.		Identification of risk factors associated with cancer prognosis, disease survival and recurrence in obese individuals	Completed • 1-Feb-2019- 30-Jun-2023	3 years	LRGS- MRUN/KPT/ 1,870,000
3.		Molecular, metabolomic and nutritional changes after metabolic surgery among obese diabetic patients and biomarkers of different diabetes status	Ongoing • 1-Jan-2022- 31-Dec-2024	3 years	NIH/KKM/ 17,000
4.		Effects of a Multidisciplinary Team-based Obesity Management in the Metabolic and Obesity Clinic, Universiti Putra Malaysia Teaching Hospital	Ongoing • 1-Sept-2022- 31-Dec-2025	3 years	Industrial Grant/Novo Nordisk Pharma (Malaysia) Sdn. Bhd/ 90,000

Table 1 Research activities occurring in the department.

No.	STAFF NAME	RESEARCH TITLE	Status Start Date/ End Date	Duration	Grant Name/ Amount (RM)
5.	Dr. Mohd Islahuddin Mohd Tamrin	Exploring an association between the microRNA 21 with the major molecular subtypes of breast tumors and major ethnics of Malaysian women, in Putrajaya Malaysia	Completed • 22-Dec-2020- 21-Jun-2023	2 years	GP-IPM – GERAN PUTRA INISIATIF PUTRA MUDA/UPM /40,000
6.	Dr. Nur Suriyana Abd Ghani	Incidence, Diagnosis, Management and Outcome of Acute Mesenteric Ischaemia: A Prospective, Multicentre Observational Study (AMESI STUDY)	Ongoing • 23-Aug-2022- 23-Aug-2023	1 year	-
7.	Dr. Nik Qisti Fathi bin Nik Hisyamuddin Fathi	EAGLE: ESCP sAfe-anastomosis proGramme in colorectal surgEry. An international, cluster randomised-sequence study of a 'safe-anastomosis' quality improvement intervention to reduce anastomotic leak following right colectomy and ileocaecal resection.	Ongoing • 1-May-2022- 30-Sept-2023	1 year	-
8.	Dr. Hizami Amin Tai	Hernia, Pathway and Planetary Outcomes for Inguinal Hernia Surgery (HIPPO Global Cohort study)	Completed • 24-April- 2023-24-Jun- 2023	2 months	-
9.	Dr. Ahmad Al-Hafeez Ahmad Zaidi	Global Evaluation of Cholecystectomy Knowledge and Outcomes (GECKO), An International Prospective Cohort Study on Cholecystectomy	Submitted		-

Table 1 Research activities occurring in the department.

PROMOTING POSITIVE PERCEPTIONS AND MOTIVATION FOR FACING CHALLENGES, IMPROVING CLINICAL RESEARCH, and CULTIVATING RESEARCH & NETWORKING.

Challenges

The department found that it was hard to juggle clinical duties teaching and research at the same time due to a few reasons:

1. A low number of lecturers due to the department members being on subspecialty training and postgraduate study.
2. The number of patients in the hospital is still low, with the absence of proper emergency and trauma cases has limited the members to producing more research projects and publications.



Steps were taken to improve clinical research

Step forward for publications

- Approached journal's Editor for a special issue publication.
- Published 9 articles in Supplementary issues on surgical case reports by the Department of Surgery
- e.g. MJMHS VOL.18 SUPP 13 –OKTOBER 2022.

Brainstorming ideas

- Having monthly coffee and journal club to encourage our young lecturers and trainees to brainstorm and produce research ideas.
- Have the best plans and strategies for the execution of ideas from brainstorming.

Find good opportunities for networking and collaboration

- Invited well-known researchers and collaborators through research and publication workshops for guidance.
- Find an opportunity for networking, collaborations, original research ideas, and "piggyback research" on a global scale through overseas subspecialty training and clinical/research attachments.

Motivation

Focus on studies areas where there is a sufficient number of cases (e.g. patients undergoing endoscopy and elective surgery).

We would like to thank Dr. Ahmad Al-Hafeez for sharing. We hope that the sharing can transform tacit knowledge into explicit, written, and easily communicated knowledge for the right people to receive the right information at the right time. See you the next time!.



Check out more information about our CRU Associate Members (CRAMs) for the Year 2022/2023 Member on HSAAS website at [CRAMs Members](#).

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