

CLINICAL RESEARCH UNIT

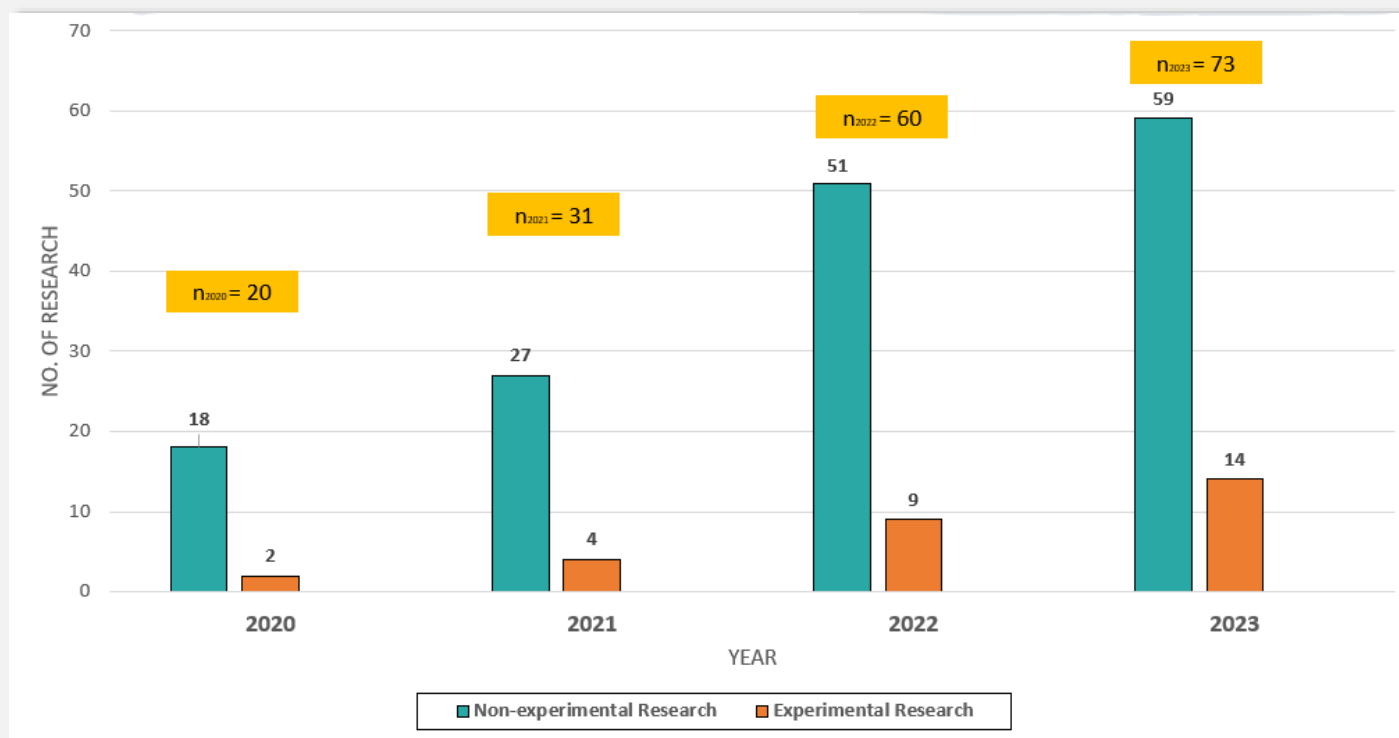


ANNUAL REPORT FOR YEAR 2023

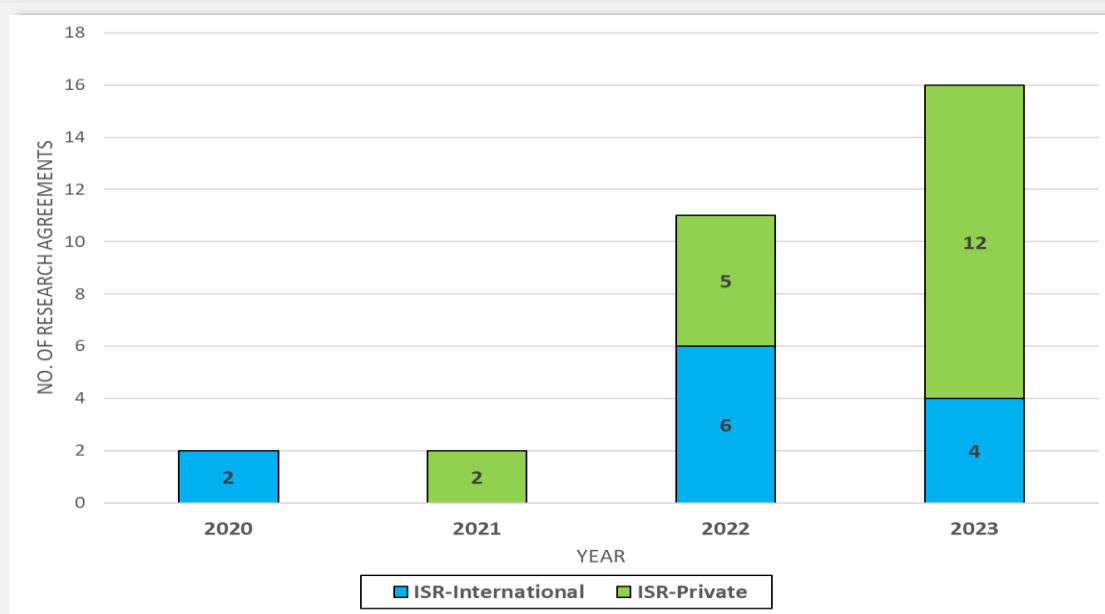
By:
Nurfaizah, Salwana, Nurul Iman Hafizah,
Wan Zalikha Nabila and Intan Basirah



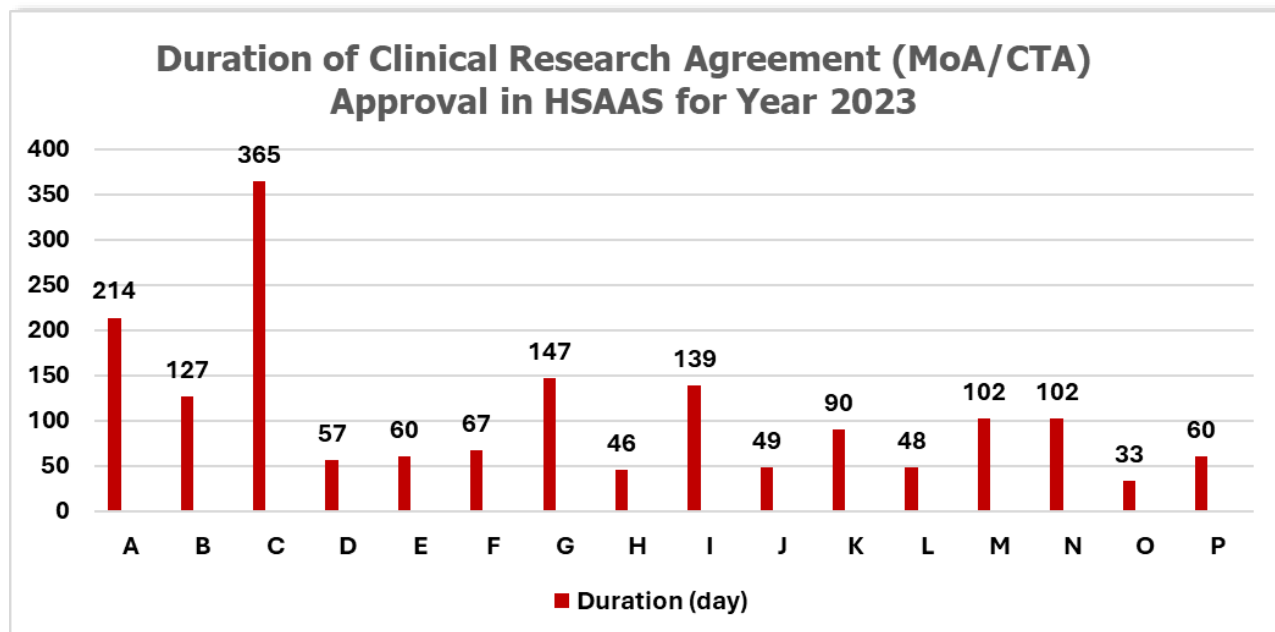
STATISTICS OF CLINICAL RESEARCH IN HSAAS FOR YEAR 2020 - 2023



STATISTICS OF RESEARCH AGREEMENTS AT HSAAS FOR YEAR 2020 – 2023



DURATION OF CLINICAL RESEARCH AGREEMENT (MOA/LOA/CTA) APPROVAL IN HSAAS FOR YEAR 2023



DURATION OF APPLICATION PROCESS FOR RESEARCH AGREEMENT (MOA/LOA) ACCORDING TO THE SITES AND PARTIES

PROCESS	DURATION		
	HSAAS, UPM	UITM	UKM
Submission of MoA draft to Pejabat Penasihat Undang-undang (PPUU) by PTJ			
Reviewing process by PPUU/ legal	14 working days	14 – 21 working days	21 working days
Draft amendment by Principal investigator/ Sponsor	14 working days	7 working days	NA
Approval by the Jawatankuasa Pengurusan Universiti (JPU)/ Lembaga Pengurusan Universiti (LPU)	Frequency of 'Mesyuarat JPU': Once a week/ twice a month Endorsement by JPU: 7-14 days after meeting	Endorsement by LPU: 1-3 days	NA
Signing MoA by all parties	30 working days	14 working days from the date of approval by LPU	NA
Stamp duty	Within 30 working days	1-3 days	NA

LIST OF RESEARCH-RELATED AGREEMENTS FOR YEAR 2023

NO.	PRINCIPAL INVESTIGATOR / DEPARTMENT	RESEARCH PROJECT	SPONSOR / COLLABORATOR	GRANT VALUE
1	Prof. Dr. Zubaidah Nor Hanipah	Effect of a Multidisciplinary Team-Based Obesity Management in the Metabolic & Obesity Clinic, HPUPM	Novo Nordisk Pharma (Malaysia) Sdn Bhd	RM 90,000.00
2	Assoc. Prof. Dr. Liyana Najwa Inche Mat	A Phase 3, Multi Arm, Multi Stage, Covariate-Adjusted, Response-Adaptive Randomised Trial to Determine Optimal Early Mobility Training After Stroke (Avert Dose) - Extension Study	The Florey Institute Of Neuroscience And Mental Health, Australia	RM 1,349.00 per patient
3	Prof. Dr. Syafinaz Amin Nordin	'Evaluation of Biogenes Group B Streptococcus (GBS) Kit in the detection of GBS in the high vaginal swab samples	Biogenes Technologies Sdn Bhd	In-kind
4	Dr. Lee Fei Yee	Rezum Water Vapour Therapy for the Treatment of Benign Prostatic Hyperplasia in Malaysian Population- Initial Clinical Experience of Urology HPUPM'	Boston Scientific (MALAYSIA) Sdn Bhd	RM 20,000.00
5	Assoc. Prof. Dr. Wan Aliaa Wan Sulaiman	MyMigraine: A Prospective Registry-Based Cohort Study Based on Real-World Clinical Practice & A Retrospective Study Based on Medical records	Zuellig Pharma Sdn Bhd	RM 24,000.00
6	Dr. Loh Wei Chao	19767/ OCEANIC-AF A multicenter, international, randomized, active comparator-controlled, double-blind, doubledummy, parallel-group, 2-arm, Phase 3 study to compare the efficacy and safety of the oral FXIa inhibitor asundexian (BAY 2433334) with apixaban for the prevention of stroke or systemic embolism in male and female participants aged 18 years and older with atrial fibrillation at risk for stroke	Bayer Co. (Malaysia) Sdn Bhd (Company No. 196701000620 (7563-M)	RM 509,450.00 (RM 12,736.25 per subject x 40)
7	Assoc. Prof. Dr. Hoo Fan Kee	20604/ OCEANIC-Stroke A multicenter, international, randomized, placebo controlled, double-blind, parallel group and event driven Phase 3 study of the oral FXIa inhibitor asundexian (BAY 2433334) for the prevention of ischemic stroke in male and female participants aged 18 years and older after an acute non-cardioembolic ischemic stroke or high-risk TIA	Bayer Co. (Malaysia) Sdn Bhd (Company No. 196701000620 (7563-M)	RM 575,230.00 (RM 14,380.75 per subject x 40)

NO.	PRINCIPAL INVESTIGATOR / DEPARTMENT	RESEARCH PROJECT	SPONSOR / COLLABORATOR	GRANT VALUE
8	Assoc. Prof. Dr. Hoo Fan Kee & Dr. Azliza Ibrahim	TICH 3 project (Tranexamic acid for hyperacute spontaneous Intracerebral Haemorrhage)	University of Nottingham	RM 73,898.16 RM 879.74 per patient x 84 (£150.00 per patient)
9	Dr. Umami Nadira Daut	A Clinical Study Assessing the Effect of Palm Tocotrienol Rich Fraction (Natrieo Tri.E) in Alleviating Asthma Symptoms (TOCOSILVER)	Malaysian Palm Oil Board (MPOB)	RM 220,500.00
10	Dr. Anna Misyail Abdul Rashid	Evaluating the Efficacy and Safety of Oral Combination of Alpha Lipoic Acid and Vitamin B Preparations in Carpal Tunnel Syndrome: A Single Center, Randomized, Double-Blind, Placebo-Controlled Trial	BREGO Life Sciences Sdn Bhd	RM 85,640.00
11	Prof. Dr. Ching Siew Mooi	Knowledge and Practice Towards Usage of GLP1-RA in the Management of Type 2 Diabetes Mellitus among Primary Care Doctors	Novo Nordisk Pharma (Malaysia) Sdn Bhd	RM 20,500.00
12	Assoc. Prof. Dr. Habibah Abdul Hamid	To conduct clinical trial for the product Feminira-herbal product	CS Leaflabs Sdn Bhd	-
13	Dr. Eugene Koh Boon Yau	A Mixed Study on Doping Behaviour Amongst Malaysian Athletes in Individual Sports	World Anti-Doping Agency (WADA)	RM 78,450.00
14	Dr. Fahrudin Che Hamzah	Collaboration with Universiti Teknologi Petronas (NDA & MTA)	Universiti Teknologi Petronas (UTP)	-
15	Prof. Dr. Syafinaz Amin Nordin	Case study development in Malaysia on the application of Whole Genome Sequencing (WGS) for food safety	Food and Agriculture Organization of The United Nations (FAO)	RM 114,400.00
16	Dr. Eugene Koh Boon Yau	Open-label Long-Term Extension Study for Participants With Treatment-Resistant Major Depressive Disorder Who are Continuing Esketamine Nasal Spray Treatment From Study 54135419TRD3013 (Protocol No.: 54135419TRD4010) – Change Principal Investigator	Janseen Pharmaceutical Companies of Johnson & Johnson (Malaysia)	RM 200,011.00

WORKSHOP / COURSES / TRAINING ORGANIZED BY CRU FOR YEAR 2023

NO.	PROGRAM	DETAILS	
1	Meta Journal Hour (MJH)	<p>Series 14:</p> <p>Development Of A Clinical Risk Score Prediction Tool For 5-, 9-, and 13-Year Risk Of Dementia</p> <p>Date: 27th January 2023</p>	
		<p>Series 15:</p> <p>Predicting Coronary Artery Disease In Primary Care: Development and Validation of a Diagnostic Risk Score for Major Ethnic Groups in Southeast Asia</p> <p>Date: 24th February 2023</p>	
		<p>Series 16:</p> <p>Prevalence of questionable research practices, research misconduct and their potential explanatory factors: A survey among academic research in The Netherlands</p> <p>Date: 17th March 2023</p>	
		<p>Series 17:</p> <p>Exploring Factors That Influence the Practice of Open Science by Early Career Health Researchers</p> <p>Date: 26th May 2023</p>	
		<p>Series 18:</p> <p>The Illness Experience of Long COVID Patients: A Qualitative Study Based on the Online Q&A Community Zhihu</p> <p>Date: 23rd June 2023</p>	

Meta Journal Hour (MJH)	<p>Series 19:</p> <p>Comparative Effectiveness of Aspirin Dosing in Cardiovascular Disease</p> <p>Date: 25th August 2023</p>	
	<p>Series 20:</p> <p>Estimating excess mortalities due to the COVID-19 pandemic in Malaysia between January 2020 and September 2021</p> <p>Date: 22nd September 2023</p>	
	<p>Series 21:</p> <p>Prevention of non-ventilator-associated hospital-acquired pneumonia in Switzerland: a type 2 hybrid effectiveness-implementation trial</p> <p>Date: 27th October 2023</p>	
	<p>Series 22:</p> <p>Electronic Nudges to Increase Influenza Vaccination Uptake in Denmark: a Nationwide, Pragmatic, Registry-based, Randomised Implementation Trial</p> <p>Date: 24th November 2023</p>	
	<p>Series 23:</p> <p>An Evidence-based Demand Management Strategy using a Hub and Spoke Training Model Reduces Waiting Time for Children's Therapy Services: An Implementation Trial</p> <p>Date: 22nd December 2023</p>	

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Research Colloquium

Series 7:
Work Related Musculoskeletal Disorders among Healthcare Workers in HPUPM: The Prevalence and Association Factors
 Presenter: Dr. Firdati Mohamed Saaid,
 Dept. of Orthopaedics, Mr. Pravin Nair Narayanan &
 Ms. Nur Izzati Zainurin



Series 8:
 a) **Knowledge and Practice of Hospital Acquired Infections Prevention (HAI) Among Registered Nurses in HSAAS**
 b) **Knowledge, Attitude and Practice Towards Patient Safety Among Registered Nurses in A Teaching Hospital in Selangor, Malaysia**
 c) **Risk Factors Associated with Low Back Pain (LBP) Among Nurses in HSAAS**
 d) **Perceived Risk Factors of Fall and Practice of Fall Prevention Implemented Teaching Hospital**
 Presenter: Ms. Nur Fadlin Izzah Binti Rozuki, Ms. Mok Jia Yi, Ms. Nur Afza Binti Khairul Anuar, Mr. Teoh Jiu Yang







Series 9:
Psychological Health Among Caregivers of Stroke Patients in HSAAS
 Presenter: Dr. Ruthpackiavaty A/P Rajen Durai,
 Dept. of Nursing & Ms. Ayuni Mohd Said












Series 10:
 a) **Clinical evaluation of multi-nation, multi-centre case study for SARS-CoV-2 variant analysis**
 b) **Prevalence of Mental Health Status and Its Associated Factors Among Patient Attending Primary Health Care**
 c) **Knowledge, Practices, And Its Associated Factors of Proper HBPM Among Medical Doctors in UPM**
 Presenter: Assoc. Prof. Dr. Chee Hui Yee, Muhammad Amir Wafiy, Tay Huey May, Sritharan A/L Nagendran, Arvind Sreedhara











		<p>Series 11:</p> <p>a) Assessment and analysis of walking frame use based on the elderly experience in Klang Valley, Malaysia</p> <p>b) Association Between Work Performance, Lifestyle Factors, Dietary Intake, and Body Weight Status Among Healthcare Professionals in Hospital Sultan Abdul Aziz Shah (HSAAS)</p> <p>Presenter: Mr. Mohd Rizal Hussein & Assyima Sabri</p>	
3	<p>Research Grants and Funding Opportunities 2023</p> <p>Speaker: Prof. Ts. Dr. Goh Yong Meng</p>	<p>Hybrid seminar conducted on 16th February 2023 with 35 participants</p>	
4	<p>Implementation & Challenges of mHealth in clinical practice</p> <p>Speaker: Assoc. Prof. Dr. Adina Abdullah</p>	<p>Conducted virtually on 17th February 2023 with 70 participants</p>	
5	<p>An Overview of Statistical Tests in Clinical Research</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Lim Poh Ying 2. Dr. Nur Aazifah Ilham 	<p>Hybrid seminar conducted on 22nd February 2023 with 46 participants</p>	
6	<p>Genomic Health Service Research & Big Data in Clinical Trials</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Dr. Nadeem Qureshi 2. Dr. Ralph Kwame Akyea 3. Prof. Datin Dr. Sherina 	<p>Hybrid seminar conducted virtually on 2nd March 2023 with 58 participants</p>	



7	<p>Clinical Research Conduct: Research Integrity and Ethics Considerations</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Chau De Ming 2. Assoc. Prof. Dr. Rosliza Abdul Manaf 	<p>Hybrid seminar conducted on 15th March 2023 with 34 participants</p>	
8	<p>Academic Writing: A Workshop for Beginner-Writers</p> <p>Speaker:</p> <p>Ms. Iman Hafizah</p>	<p>Hybrid seminar conducted on 21st March 2023 with 48 participants</p>	
9	<p>Clinical Research: The Administrative, Technical and Scientific Knowledge in The Whole Process</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Assoc. Prof. Dr. Chew Boon How 2. Dr. Nur Aazifah Ilham 3. Dr. Yew Sheng Qian 4. Ms. Salwana Ahmad 5. Ms. Nurfaizah Saibul 6. Ms. Nurul Iman Hafizah 7. Ms. Faridzatul Syuhada 	<p>Seminar conducted on 22nd March 2023 with 22 participants</p>	

10	BMJ Case Reports Writing Workshop Speakers: 1. Dr. Ruziana Masiran 2. Dr. Tan Kit-Aun	Hybrid seminar conducted on 30 th March 2023 with 26 participants	
11	Overview Tools for Systematic Literature Review Speaker: Ms. Salwana Ahmad	Hybrid seminar conducted virtually on 11 th April 2023 with 44 participants	
12	Big Data in Clinical Research: Implementation and Challenges Speaker: Dr. Ralph Kwame Akyea	Conducted virtually on 27 th April 2023 with 30 participants	
13	Expert Sharing Session: Featured Researcher Speaker: Prof. Dr. Chan Yoke Mun	Hybrid seminar conducted on 3 rd May 2023 with 71 participants	
14	International Clinical Trials Day (ICTD) 2023 Speakers: 1. Prof. Dr. Syafinaz 2. Prof. Dr. Normala 3. Assoc. Prof. Dr. Liyana 4. Dr. Zulfadli 5. Assoc. Prof. Dr. Subapriya Suppiah	Hybrid seminar conducted on 19 th May 2023 with 53 participants	

	6. Dr. Zubaidah Iberahim 7. Matron Norihan Daud 8. Dr. How Kang Nien 9. Dr. Ummi Nadira Daut		
15	Sampling in Clinical Research: Design and Strategies Speaker: Assoc. Prof. Dr. Chew Boon How	Hybrid seminar conducted on 9 th June 2023 with 40 participants	
16	Dietetics Research & Projects Showcase Year 2023	Hybrid seminar conducted on 16 th June 2023 with 60 participants	
17	Qualitative Research and Data Analysis in Clinical and Health Sciences Research Speakers: 1. Dr. Irmi Zarina 2. Assoc. Prof. Dr. Cheong Ai Theng	Hybrid seminar conducted on 26 th June 2023 with 66 participants	

18	<p>Overview of Bayesian Statistics Speaker: Assoc. Prof. Dr. Adriana Irawati</p>	Hybrid seminar conducted on 20 th July 2023 with 20 participants	 <p>Overview of Bayesian Statistics Date: 20th July 2023 Time: 2:20 pm - 3:30 PM Online & Hybrid Speaker: Assoc. Prof. Dr. Adriana Irawati NUR IBAHIM TO REGISTER: [QR Code]</p>
19	<p>Questionnaire Development and Cultural Adaptation of Questionnaire Speakers: 1. Assoc. Prof. Dr. Chew Boon How 2. Dr. Yew Sheng Qian</p>	Hybrid seminar conducted on 27 th July 2023 with 39 participants	 <p>QUESTIONNAIRE DEVELOPMENT & CULTURAL ADAPTATION OF QUESTIONNAIRE 27th July 2023, 2:00 - 5:00 PM Speakers: Assoc. Prof. Dr. Chew Boon How, Dr. Yew Sheng Qian TO REGISTER: [QR Code]</p>
20	<p>Empowering Excellence: Unleashing the Power of Medical Audit for Enhanced Patient Care Speakers: 1. Assoc. Prof. Dr. Chew Boon How 2. Dr. Nur Aazifah Ilham</p>	Hybrid seminar conducted on 3 rd August 2023 with 15 participants	 <p>HYBRID SEMINAR EMPOWERING EXCELLENCE: UNLEASHING THE POWER OF MEDICAL AUDIT FOR ENHANCED PATIENT CARE August 3rd, 2023 02:00PM - 5:00PM Seminar Room, Level 1, HSAAS Speaker: Assoc. Prof. Dr. Chew Boon How, Dr. Nur Aazifah Ilham TO REGISTER: [QR Code]</p>
21	<p>Identifying and Managing Missing Data and Outliers in Clinical and Health Sciences Research Speaker: Prof. Dr. Karuthan A/L China</p>	Hybrid seminar conducted on 10 th August 2023 with 30 participants	 <p>HYBRID SEMINAR IDENTIFYING AND MANAGING MISSING DATA AND OUTLIERS IN CLINICAL AND HEALTH SCIENCES RESEARCH August 10th, 2023 Seminar Room, Level 1, HSAAS Speaker: Prof. Dr. Karuthan A/L China TO REGISTER: [QR Code]</p>

22	<p>Data Management with REDCap: Insights for Researcher Speaker: Dr. Abqariyah Yahya@Ahmad Noor</p>	Hybrid seminar conducted on 17 th August 2023 with 14 participants	
23	<p>Research Into Practice: The Challenge of Implementation Speaker: Prof. Hilary Pinnock</p>	Hybrid seminar conducted on 19 th September 2023 with 46 participants	
24	<p>Research Collaboration and Networking in Clinical Research Speakers: 1. Assoc. Prof. Dr. Chew Boon How 2. Prof. Datin Dr. Sherina 3. Prof. Dr. Zamberi Sekawi</p>	Hybrid seminar conducted on 21 st September 2023 with 88 participants	
25	<p>Open Sciences Practices and Available Resources for The Advancement of Research-Sharing of Experience from The Organization of Human Brain Mapping Annual Meeting 2023 In Montreal, Canada</p>	Conducted virtually on 22 nd September 2023 with 27 participants	

	<p>Speaker: Assoc. Prof. Dr. Subapriya Suppiah</p>		
26	<p>Logistic Regression: Simple, Multiple, Multinomial and Ordinal - Insights for Researcher Speakers: 1. Dr. Nur Aazifah Ilham 2. Dr. Lim Poh Ying</p>	<p>Hybrid seminar conducted on 4th October 2023 with 58 participants</p>	 <p>The poster for the 'Logistic Regression: Simple, Multiple, Multinomial and Ordinal - Insights for Researcher' seminar. It features the HSAAS logo at the top. The title is prominently displayed. Below the title, it lists 'LEARNING OUTCOMES' including understanding the concepts of logistic regression, applying the model to various data sets, and interpreting the results. It also mentions 'SPEAKERS' Dr. Nur Aazifah Ilham and Dr. Lim Poh Ying. A QR code is provided for registration, and the text 'REGISTER NOW' is at the bottom.</p>
27	<p>Exploring Research Collaborations and Networking in the Context of Evidence Synthesis and Economic Evaluations Speaker: Assoc. Prof. Dr. Sajesh K Veettil</p>	<p>Conducted virtually on 12th October 2023 with 32 participants</p>	 <p>The poster for the 'Exploring Research Collaborations and Networking in the Context of Evidence Synthesis and Economic Evaluations' seminar. It features the HSAAS logo at the top. The title is prominently displayed. Below the title, it lists 'Topics include' such as meta-analysis, umbrella review, network meta-analysis, cost-effectiveness analysis, and budget impact analysis. It also mentions 'SPEAKER' Associate Professor Dr. Sajesh K Veettil. A QR code is provided for registration, and the text 'REGISTER NOW' is at the bottom.</p>

RESEARCH CONSULTATION CLINIC CONDUCTED FOR YEAR 2023

NO.	SERVICES	FREQUENCY (SESSION)
1.	Research Design Clinic (RDC)	11
2.	Biostatistics Clinic (BSC)	25
3.	Database Management Services	2
4.	Patent Search for Grants Application	3
5.	Randomisation Consultation Services	1
6.	Clinical Trial Insurance	6
7.	Research Grants Consultation	5
8.	Scientific Content Proofreading Services	-

WORKSHOP / COURSES / TRAINING PROVIDED BY CRU'S STAFF FOR YEAR 2023

NO.	NAME	WORKSHOP/ COURSES	ORGANISER
1.	Associate Prof. Dr. Chew Boon How	Proposal Writing Workshop	Clinical Research Centre, Hospital Putrajaya
2.	Associate Prof. Dr. Chew Boon How	Research Methodology 2023	Asian Medical Students' Association
3.	Associate Prof. Dr. Chew Boon How Ms. Nurul Iman Hafizah	Research Fun Day's Academic Writing	Clinical Research Centre, Hospital Putrajaya
4.	Associate Prof. Dr. Chew Boon How Ms. Nurul Iman Hafizah	Applying and Using CSTR on RECRUS Research Newsletter in CNIC Annual User Conference: Scientific Big Data Technology and Application.	Computer Network Information Centre, Chinese Academy of Sciences
5.	Associate Prof. Dr. Chew Boon How	3rd Minjiang International Academic Conference of Urology	Sichuan Anti-cancer Association, China Anti-Cancer Association Genitourinary Cancer Holistic Rehabilitation Society (CACA-GUHR), and the Fifth People's Hospital of Chengdu

CRU'S ENGAGEMENT WITH DEPARTMENTS IN HSAAS/ FMHS FOR YEAR 2023

NO.	NAME	PROJECT/ ACTIVITY	DEPARTMENT
1.	Ms. Nurfaizah Saibul, Ms. Salwana Ahmad and Ms. Nurul Iman Hafizah	Knowledge Transfer Grant Scheme (KTGS): Program Pemerkasaan Perkhidmatan Penjagaan Kesihatan Warga Emas di Rumah Seri Kenangan Cheras, Selangor Melalui Kepakaran Penjagaan Geriatrik Hospital Sultan Abdul Aziz Shah (HSAAS)	Dr. Zahira Zohari, Department of Medicine and Clinical Nurse Specialists
2.	Ms. Salwana Ahmad, Ms. Nurfaizah Saibul and Ms. Nurul Iman Hafizah	Development and marketability of medical devices	Dr. Hanif Khan, Department of Neurology, HSAAS/ Innohub Research Group
3.	Associate Prof. Dr. Chew Boon How, Ms. Salwana Ahmad, Ms. Nurul Iman Hafizah and Ms. Nurfaizah Saibul	CRU Privatize Services and CBD Research Project	UPMCS Sdn. Bhd and Department of Human Anatomy, FMHS
4.	CRU staffs	Briefing and Sharing on Clinical Research	Department of Surgery
5.	CRU staffs	Co-organize BMJ Case Reports Writing Workshop	Department of Psychiatry
6.	CRU staffs	Clinical Research: The Administrative, Technical, and Scientific Knowledge in The Whole Process	Science Officers and Clinical Nurse Specialists
7.	CRU staffs	Co-organize Dietetics Research & Projects Showcase Year 2023	Department of Dietetics
8.	CRU staffs	Briefing and Sharing on Clinical Research-related Procedures in CRU	Department of Pathology

EXTERNAL COLLABORATIONS / NETWORKING MEETINGS BETWEEN CRU AND OTHERS

NO.	INDUSTRY/COMPANY/INDIVIDUAL	YEAR	PURPOSE OF EXPERT ADVISORY
1.	Sanwa Ltd.	2022	COVID-19 Testing Self-test kit.
2.	Johnson & Johnson Sdn. Bhd	November 2022	Discussion on funding opportunity from the State of Thailand related to pharmaceutical clinical research.
3.	JDX Tea Sdn. Bhd.	January 2023	Clinical research for natural tea drink products.
4.	Smart Inventions & Technology Transfer Sdn Bhd	February 2023	Discussion on clinical research opportunity on respiratory filter system from virus Zap-AirTM Humidifier System.
5.	Norxin Research Medical Center, China	October 2023	International cooperation for the matching of expertise and funds, training, research services, publications, exchanges, and related programs of expertise at HSAAS.

INVITED SPEAKER (ASSOC. PROF. DR. CHEW BOON HOW, HEAD OF CRU, HSAAS)

NO.	ROLE	LEVEL	YEAR	ORGANIZER
1.	Scientific Chair	National	2023	The Academy of Family Physician Malaysia's 2023 Annual Scientific Meeting
2.	Oral Judge	International	2 nd – 4 th June 2023	The 9th Asia Pacific Primary Care Research Conference (APPCRC) 2023
3.	Invited Member	International	28 th August to 08 th September 2023	The International Training Workshop on Open Science and SDGs, Beijing, China
3.	Invited Member	International	2003-2024	The ASEAN Primary Care Research Excellence Framework (APREF) by the Primary Care Research Institute, Singhealth Singapore
4.	Associated Expert Member	International	2023	The Coalition for the Advancement of Research Assessment (CoARA) 'Ethics and Research Integrity Policy in Responsible Research Assessment for Data and Artificial Intelligence Working Group (ERIP-WG)'
5.	Conference reviewer	International	2nd -24 th August 2024.	The WONCA Asia Pacific Regional Conference 2024 will be held in Singapore.
6.	Judge	National	14 th December 2023	UiTM's Invention, Innovation & Design Exposition (iidx2023)