

CLINICAL RESEARCH CENTRE
HOSPITAL TUANKU JA'AFAR

Hospital Tuanku Ja'afar Seremban, Negeri Sembilan

CRC Seremban Bulletin



CRC
HOSPITAL TUANKU JA'AFAR SEREMBAN
Research that matters to patients

**Evidence to Action:
Bringing Research into
Clinical Practice**

CRC Seremban Bulletin | Volume 3, March 2025

TODAY ISSUE PRESENTS:

Research

major changes on Earth. We will visit several places of strategic interest and will discuss possible collabora-

Among other things will also discuss new measures on global security. In time this meeting was productive and has major changes will visit



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Clinical Research Centre Hospital Tuanku Ja'afar Seremban (CRC HTJS) was established in September 2006.

It is part of the Institute for Clinical Research (ICR) network, under the National Institutes of Health, Ministry of Health Malaysia.

We are committed to support and facilitate research activities, via:

- provision of database on clinicians interested in research – by interest areas, track record on Industry Sponsored Research (ISR) for Investigator Initiated Research (IIR) and publications;
- provision of technical, administrative and facility support for clinical research activities;
- assistance in research protocol registration through NMRR (National Medical Research Register) and application of grants for research;
- participation in clinical trials and other research initiated or coordinated by the ICR;
- capacity building with ongoing training and workshops in research.



VISION AND MISSION

Vision

To become a leading clinical research institution in the region.

Mission

To improve patients' health outcomes through ethical and quality clinical research.

Foreword - Chief Editor



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As we board new year, we highlight the vital role of clinical research in advancing healthcare and improving clinical practice. In Seremban, we are grateful that we have a very active medical community who is involved in research and development to enhance the healthcare system locally.

Research findings are being incorporated in hospitals and clinics into clinical protocols thus leading to better treatment and better ways of managing health care systems. The interaction between researchers and clinicians is dynamic and thus enables us to narrow the gap between theory and practice and bring evidence-based solutions to the bedside for those who most need them.

In the latest edition of the CRC Seremban Bulletin, we focus on the stories of local practitioners who are leading the way in the use of research to improve the outcomes for patients. We are honoured to feature Dr. Nadiah Binti Mohd Noor, a consultant rheumatologist from HTJS, as our research personality in this edition. We are certain that her research journey holds great potential to inspire and motivate future generations of researchers.

On behalf of the editorial team, I would like to extend our heartfelt thanks to everyone who played a role in publishing this bulletin. Our sincere appreciation goes to Dato' Dr. Zaleha Binti Md Nor, our hospital director, and the entire hospital management team for their unwavering support of our clinical research initiatives. We are also deeply grateful to Dato' Dr. Lily Mushahar, the head of the CRC HTJS unit, whose leadership has been very helpful in our ongoing progress, and to Dato' Dr. Noor Lita Adam, our deputy head of unit, for her constant encouragement and optimism.

Furthermore, we would like to extend our deepest appreciation to all the clinicians from Negeri Sembilan who have been actively involved in our clinical research efforts. Your unwavering trust, dedication, and invaluable contributions have played an essential role in fostering the growth and success of our initiatives.

*Rohidayah
Abd Majid*

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Written By: Rohidayah Abd Majid

The Role of Research Findings in Impacting Clinical Practice

The healthcare field keeps advancing because recent knowledge and discoveries keep transforming how clinical practice operates. The application of research findings into daily clinical routines drives enhancements in patient care and treatment results.

Research provides answers to essential questions while creating new treatments and improving current medical practices. The article examines how research findings affect clinical practice by influencing treatment guidelines, patient care strategies and healthcare delivery quality.



Improving Treatment Guidelines and Protocols

The process of developing clinical guidelines and protocols depends heavily on the results of research findings. Professional associations and healthcare organizations regularly review new evidence to modify their treatment guidelines. Healthcare providers use these guidelines to provide top-quality care through evidence-based research.



The latest example is a randomized controlled trial study conducted by our colleagues in CRC Hospital Sultanah Bahiyah on the Efficacy and Safety of 8-versus 12-week Treatment with sofosbuvir-Ravidasvir for Chronic, Non-Cirrhotic, Hepatitis C (EASE). The findings of this study were just launched by the Health Director-General, Datuk Dr. Muhammad Radzi b Abu Hassan who also serves as the National Principal Investigator. The event was organized by the National Institutes of Health (NIH) on January 23, 2025.

The study revealed that an 8-week treatment with Sofosbuvir-Ravidasvir is non-inferior to the standard 12-week treatment, significantly reducing treatment costs and improving treatment accessibility.



Scan to watch the Launch Ceremony

Written By: Rohidayah Abd Majid

The Importance of Research Findings

The impactful research findings prompt healthcare professionals to update treatment approach using new evidence which results in treatment options that are more efficient, accessible and cost-efficient. Hence, leads to permanent changes in clinical guidelines and treatment protocols which produce better patient results and maintain sustainable healthcare quality.



The field of oncology is a prime example of an area that is rapidly evolving and significantly influenced by research findings. The development of new cancer therapies leads to updated treatment protocols that match specific cancer types. Once research proves their effectiveness in enhancing patient survival rates, new chemotherapy regimens alongside immunotherapy methods and targeted treatments will become the standard practice. The integration of recent research findings ensures that clinical practice remains current while aiming to deliver optimal patient results.

Conclusion

In an era where medical knowledge is growing exponentially, it is crucial for clinicians to stay updated about the latest research findings and integrate it into their practice. Doing so not only benefits individual patients but also contributes to the overall advancement of healthcare, ensuring that clinical practices continue to evolve in ways that prioritize patient well-being. However, the process of incorporating research findings into the existing protocol or guidelines requires active collaboration between policymakers and stakeholders, with researchers working closely alongside them to ensure a successful integration.

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RESEARCH PERSONALITY

Dr. Nadiah Binti Mohd Noor

Consultant Physician and Rheumatologist
Hospital Tuanku Ja'afar Seremban



Background

Dr. Nadiah Binti Mohd Noor is a consultant rheumatologist at Tuanku Ja'afar Seremban Hospital (HTJS). She obtained her Medical Degree (M.D.) from the National University of Malaysia (UKM) in 1996, followed by a Master's in Internal Medicine in 2008 and a Rheumatology Fellowship in 2013. With extensive clinical research experience, she was recognized for enrolling Malaysia's first patient in an Industry-Sponsored Research and received the ISR Appreciation Awards in 2018.

Actively involved in rheumatology policy development at the Ministry of Health, she is a council member of the Malaysian Society of Rheumatology (MSR) and previously served as treasurer (2018–2020). Since 2016, she has also been as surveyor for the Malaysian Society for Quality in Health (MSQH) and now coordinates hospital accreditation efforts. She also has been actively involved in Quality Assurance (QA) activities for her department since 2012 and won top 3 places for her QA projects presentations in 2014 and 2018.

Would you share with us your early experiences in clinical research?

The journey into research began during my Master's program, where I was actively involved in the entire process of conducting a thesis. This encompassed every stage, from the initial preparation and formulation of a research proposal to the rigorous process of patient recruitment, data collection, statistical analysis, and ultimately, the presentation of findings. The process gave me great experience.

Building upon this foundation, I later pursued a subspecialty fellowship in rheumatology, which further expanded my exposure to research within the field. In 2010, I became actively involved in industry-sponsored rheumatology clinical trials. Our team was structured to ensure efficiency, with our own dedicated nurses that help in screening process and study coordinators from CRC HTJS in coordinating the study procedures and data entry. This collaborative approach allowed for seamless data management and ensured adherence to the highest research standards.



Dr. Nadiah with CRM study coordinators at CRC HTJS

What keeps you motivated in pursuing clinical research and who inspired you?

Clinical research gave me an opportunity to offer patient a better drugs. In the field of rheumatology where effective treatment has evolved over the years such as biologic DMARDs but we are in a centre with limited resource, so this is a good chance to be able to provide patient with this advance effective therapy. At same time this give me a first-hand experience on using new drugs. Thanks to Dato' Dr Gun Chyn - my mentor and supervisor who had inspired me to become a physician and rheumatologist.

Do you have any dreams on how the clinical research field should evolve for the benefit of your patients?

I hope patient will be more aware and come forward to participate in clinical research. My dream that one day Malaysia will involve more in early phase clinical research subsequently drug development and able to produce own new drugs.

Any words of advice for our budding researchers?

For budding researchers, dedication, passion, and commitment are key to making a meaningful impact on patient care. Stay curious, persevere through challenges, and always prioritize patient safety. **Research is not just about discovery—it's about improving lives.**

“ **Keep learning, stay ethical, and never lose sight of the difference you can make.** ”

Research Publication

No	Title	Journal
1	Rheumatoid Arthritis Associated Interstitial Lung Disease: Relationship between Clinical and High Resolution Computed tomography	International Journal of Rheumatic Disease Vol. 12 Issue 2, Pg 136 – 144 (Published Online: 16 Jul 2009)
2	Real-world clinical experience of biological disease modifying anti-rheumatic drugs in Malaysia rheumatoid arthritis patients.	Rheumatology International. 2017 Oct;37(10):1719-1725. doi:10.1007/s00296-017-3772-8. Epub 2017 Jul 10.PMID: 28695274
3	A case of mixed connective tissue disease with pseudopseudo Meigs' syndrome (PPMS)-like features.	Lupus. 2016 Feb;25(2):214-6. doi: 10.1177/0961203315606441. Epub 2015 Sep 15. PMID: 26377236.
4	Diagnostic accuracy of pneumonia in Hospital Tuanku Ja'afar Seremban, a tertiary hospital.	The Medical journal of Malaysia 75(1):7-11 (Jan 2020)

ISR Involvement

No	Protocol Title
1	A long-term, open-label follow-up study of tofacitinib (cp-690,550) for treatment of rheumatoid arthritis
2	A 52-week, phase 3, multicentre, randomised, double blind, efficacy and safety study comparing GSK3196165 with placebo and with tofacitinib, in combination with methotrexate in participants with moderately to severely active rheumatoid arthritis who have an inadequate response to methotrexate.
3	A Phase 3, Multicenter, Randomized, Double-blind, Placebo controlled Study Evaluating the Efficacy and Safety of Guselkumab Administered Subcutaneously in Subjects with Active Psoriatic Arthritis including those Previously Treated with Biologic Anti-TNF α Agent(s).
4	A Phase 3, Randomized, Double-Blind, Study Comparing Upadacitinib (ABT-494) to Placebo and to Adalimumab in Subjects with Active Psoriatic Arthritis Who have a history of Inadequate Response to at least One Non-Biologic Disease Modifying Anti-Rheumatic Drug (DMARD)-SELECT- PsA1
5	A Phase 3, Randomized, Double-Blind, Study Comparing Rizankizumab to Placebo in Subjects with Active Psoriatic Arthritis Who have a History of Inadequate Response to or Intolerance to at Least One Disease Modifying Anti- Rheumatic Drug Therapy
6	A Phase 3B, Multicenter, Randomized, Double- blind, Placebo-controlled Study Evaluating the Efficacy and Safety of Guselkumab Administered Subcutaneously in Participants with Active Psoriatic Arthritis who had an Inadequate Response and/or Intolerance to One Prior Anti- Tumor Necrosis Factor
7	A Phase 4, Multicenter, Randomized, Double-blind, Placebocontrolled Study Evaluating the Efficacy and Safety of Guselkumab Administered Subcutaneously in Bio-naïve Participants with Active Psoriatic Arthritis Axial Disease
8	A Phase 3b, Multicenter, Randomized, Double-blind, Placebo-controlled Study Evaluating the Efficacy and Safety of Subcutaneously Administered Guselkumab in Improving the Signs and Symptoms and Inhibiting Radiographic Progression in Participants With Active
9	A Randomized, Double- blind, Placebo-controlled Multicenter Phase 3 Study to Evaluate Efficacy, Safety and Tolerability of Ianalumab on Top of Standard-of-care Therapy in Patients With Systemic Lupus Erythematosus
10	A Multicenter, Randomized, Parallel-group, Double-blind, Two-arm, Phase III Study to Evaluate the Safety and Efficacy of Anifrolumab Compared with Placebo in Male and Female Participants 18 to 70 Years of Age Inclusive with Systemic Sclerosis

QA Achievement

No	Title	Achievement
1	To Improve Inpatient Management of COPD Patient	1 st Prize for poster presentation in 2014 Negeri Sembilan QA Convention
2	To Reduce Waiting Time for ECHO Appointment in HTJS	3 rd Prize for oral presentation in 2018 Negeri Sembilan Convention

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>1 Theory-Based Intervention Module on Occupational Safety and Health (TRIMOSH) in improving knowledge, attitude, and practice among food industry workers: Study protocol for a randomised controlled trial</p> <p>Rahmat Dapari , Mohd Hafizuddin Mahfot, <u>Mohd 'Ammar Ihsan Ahmad Zamzuri</u>, Zaleha Md Isa, Mohd Rohaizat Hassan, Nazri Che Dom & Syed Sharizman Syed Abdul Rahim</p>	<p>PLoS One . 2024 Jan 2;19(1):e029 5771</p>	<p>Negeri Sembilan State Health Department (JKNNS)</p>
<p>2 Enhancing tuberculosis treatment adherence and motivation through gamified real-time mobile app utilization: a single-arm intervention study</p> <p>Siti Aishah Abas, Nurhuda Ismail, Yuslina Zakaria, Siti Munira Yasin, Khalid Ibrahim, Ismassabah Ismail, Asmah Razali, Mas Ahmad Sherzkawi & <u>Norliza Ahmad</u></p>	<p>BMC Public Health . 2024 Jan 22;24(1):24 9</p>	<p>Negeri Sembilan State Health Department</p>
<p>3 Rubeosis iridis in a premature infant</p> <p><u>Pei Sing Chan</u>, <u>Grace Sieng Sing Ting</u>, <u>Malini V Krishnalingam</u>, <u>David Chun-Ern Ng</u>.</p>	<p>BMJ Case Rep . 2024 Jan 24;17(1)</p>	<p>Pediatrics Department, Hospital Tuanku Ja'afar</p>
<p>4 Tooth-Supported Overdentures Revisited</p> <p><u>Jia Zheng Leong</u>, Yew Hin Beh, Ting Khee Ho</p>	<p>Cureus . 2024 Jan 29;16(1):e53 184</p>	<p>Oral and maxillofacial surgeon Department Hospital Tuanku Ja'afar</p>

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>5 Brexpiprazole Attenuates Aggression, Suicidality and Substance Use in Borderline Personality Disorder: A Case Series Benedict Francis, <u>Vijay A/L Ganasan</u>, Abdul Rasyid Bin Sulaiman</p>	<p>Medicina (Kaunas) . 2024 Feb 7;60(2):283</p>	<p>Psychiatry and Mental Health Department, Hospital Tuanku Ja'afar</p>
<p>6 An Insight Into the Experiences of Malaysian Patients With Advanced Cancer and Their Preferences in End-of-Life Care: A Qualitative Study <u>Iris Chung</u>, Shiau Yen Khoo & Lee Lan Low</p>	<p>American Journal of Hospice and Palliative Medicine 2025;42(1):5-13</p>	<p>Medical Department, Hospital Tuanku Ja'afar</p>
<p>7 Clinical comparison of HMPV and RSV infections in hospitalised Malaysian children: A propensity score matched study <u>David Chun-Ern Ng</u>, Chuin-Hen Liew, Elida Hanan Binti Awang, Farah Nuruliyana Binti Ahmad Nazri, Asuwani K Tamil Maran, Vishnu Arvindran A/L Chandra Mohan, Durairaj Ramachandran, Michelle Chok, Cheah Hooi Teh, Airena Mohamad Nor, Suhaila Bt Baharuddin</p>	<p>Clin Respir J. 2024 Mar;18(3):e13747</p>	<p>Pediatrics Department, Hospital Tuanku Ja'afar</p>
<p>8 Economic burden of systemic lupus erythematosus in Malaysia Gihan Hamdy Elsis, Ang Yu Joe, Mollyza Mohd Zain, Habibah Mohd Yusoof, Cheng Lay Teh, <u>Asmah Binti Mohd</u>, Xiang Ting Khor & Liza Binti Mohd Isa</p>	<p>J Med Econ. 2024;27(supl):46-55</p>	<p>Medical Department, Hospital Tuanku Ja'afar</p>

PUBLICATION IN 2024

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Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>9 Prevalence of Co-Occurrence of Physical Frailty and Malnutrition and Its Associated Factors Among Community-Dwelling Older Adults in a Rural District, Malaysia</p> <p>Musastika Mustaffa, Noran Naqiah Hairi, Hazreen Abdul Majid, Wan Yuen Choo, Farizah Mohd Hairi, Devi Peramalah, Shanthanapriya Kandiben, <u>Zainudin Mohd Ali</u>, <u>Inayah Abdul Razak</u>, Norliana Ismail, Rajini Sooryanarayana, Nur Sakinah Ahmad, & Awang Bulgiba</p>	<p>Asia Pac J Public Health 2024 Mar;36(2-3):210-218</p>	<p>Negeri Sembilan State Health Department (JKNNS)</p>
<p>10 Presentation of Breast Cancer and Impact of Patient Navigation on Timeliness of Diagnosis and Treatment and on Adherence to Treatment Recommendations in a Multicenter Network in Malaysia</p> <p>Maheswari Jaganathan, Boon Hong Ang, Adibah Ali, Siti Zubaidah Sharif, <u>Mazwela Mohamad</u>, Azuddin Mohd Khairy, Kavitha Muniandy, Hani Zainal, <u>Fizati Sabtu</u>, Norija Sapiee, Nur Hidayati Zainal, Nur Fazilah Hanisah Zaipudin, Mallika Muniandi, Aini Fatimah Ghazali, France Olovia Roimin, Clara Ching Ling Chong, Nadia Rajaram, Nurshuhadah Jaafar, Rokayah Julaihi, Norlia Rahim, <u>Nor Aniza Zakaria</u>, Isabella Menon, Nurul Ain Tajudeen, Kah Yee Ho, <u>Suryani Md Yusof</u>, Mohamed Yusof Abdul Wahab, Imi Sairi Ab Hadi, and Soo-Hwang Teo</p>	<p>JCO Glob Oncol . 2024 Mar;10:e2300297</p>	<p>Surgery Department, Pathology Department and Radiology Department, Hospital Tuanku Ja'afar</p>
<p>11 Double Seronegative Neuromyelitis Optica Spectrum Disorder with Longitudinally Extensive Transverse Myelitis and Optic Neuritis: A Challenging Case Report</p> <p>Goh Chon Han, Tajunisah Iqbal and <u>Gowri Supramaniam</u></p>	<p>Cureus . 2024 Mar 27;16(3)</p>	<p>Ophthalmology Department, Hospital Tuanku Ja'afar</p>

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>12 Study protocol for a mixed methods approach to optimize colorectal cancer screening in Malaysia: Integrating stakeholders insights and knowledge-to-action framework</p> <p>Diane Woei-Quan Chong ,Vivek Jason Jayaraj, Fathullah Iqbal Ab Rahim, Sharifah Saffinas Syed Soffian, Muhammad Fikri Azmi, <u>Mohd Yusaini Mohd Yusri</u>, Ahmad Shanwani Mohamed Sidek, <u>Norfarizan Azmi</u>, Rosaida Md Said, Muhammad Firdaus Md Salleh, Norasiah Abu Bakar, Hamiza Shahar, Rima Marhayu Abdul Rashid, Shazimah Abdul Samad, Zanita Ahmad, Mohd Safiee Ismail, Adilah A. Bakar, Nor Mashitah Hj Jobli and Sondi Sararak</p>	<p>PLoS One . 2024 Apr 9;19(4):e0299 659</p>	<p>Bandar Sri Jempol Health Clinic, Surgery Department Hospital Tuanku Ja'afar</p>
<p>13 Effectiveness of the Integrated Dengue Education and Learning (iDEAL) module in improving the knowledge, attitude, practice, environmental cleanliness index, and dengue index among schoolchildren: A randomised controlled trial protocol</p> <p>Rahmat Dapari , Kalaivani Muniandy, Ahmad Zaid Fattah Azman, Suhaili Abu Bakar, Mohd Nasir Mohd Desa, Lim Chee Hwa, Sukhvinder Singh Sandhu, Nooreen Farzana Mustapha, Norazman Mohd Rosli, <u>Mohd 'Ammar Ihsan Ahmad Zamzuri</u>, Mohd Rohaizat Hassan, Nazri Che Dom, Syed Sharizman Syed Abdul Rahim, Balvinder Singh Gill and Nurulhusna Ab Hamid</p>	<p>PLoS One . 2024 Apr 30;19(4):e030 2736</p>	<p>Negeri Sembilan State Health Department (JKNNS)</p>
<p>14 Understanding The Mimicker: Epidemiological Pattern and Determinant of Melioidosis Mortality in Negeri Sembilan, Malaysia</p> <p><u>Mohd 'Ammar Ihsan Ahmad Zamzuri</u>, <u>Muhammad Ismail</u>, <u>Siti Salwa Ibrahim</u>, <u>Massitah Mihat</u>, <u>Lokman Rejali</u>, <u>Muhammad Habiruddin Zubir</u>, <u>Muhammad Fahmi Mohd Fadzil</u></p>	<p>PLoS Negl Trop Dis . 2024 May 6;18(5)</p>	<p>Negeri Sembilan State Health Department (JKNNS) and PKD Seremban</p>

PUBLICATION IN 2024

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Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>15 Vision Loss as a Presenting Symptom of Vitamin B12 Deficiency <u>Izzati Othman</u>, Evelyn Tai, <u>Sangeeta Kuganasan</u> and <u>Norlelawati Abu</u></p>	Cureus . 2024 May 11;16(5):e60 113	Ophthalmology Department, Hospital Tuanku Ja'afar
<p>16 Qualitative research influencing guideline and policy: An exemplar of the development of a national school asthma guideline in Malaysia Siti Nurkamilla Ramdzan, Ee Ming Khoo, Steve Cunningham, Norita Hussein, Rizawati Ramli, Siti Aishah Senawi, Nursyuhada Sukri, Jayakayatri Jeevajothi Nathan, Asiah Kassim, <u>Azainorsuzila Mohd Ahad</u> and Hilary Pinnock</p>	J Glob Health . 2024 May 17:14:03027	Port Dickson Health Clinic
<p>17 Treatment intensification and therapeutic inertia of antihypertensive therapy among patients with type 2 diabetes and hypertension with uncontrolled blood pressure Kim Sui Wan, Foong Ming Moy, Muhammad Fadhli Mohd Yusoff, Feisul Mustapha, Mastura Ismail, Halizah Mat Rifin, Kishwen Kanna Yoga Ratnam, Hasimah Ismail, <u>Kah Kian Chong</u>, Noor Ani Ahmad & Noran Naqiah Hairi</p>	Sci Rep . 2024 Jun 1;14(1):12625	Medical Department, Hospital Port Dickson
<p>18 Clinical severity of Omicron and Delta SARS-CoV-2 infections in children <u>David Chun-Ern Ng</u>, Chuin-Hen Liew, Ling Chin, Elida Hanan Binti Awang, Debashini A/P Chandirasekharan, Maryam Jamilah Binti Surdi Roslan, Munzir Bin Jamil, Nor Zanariah Zainol Abidin, Yee Keat Cheah, Mohd Feros Bin Alias</p>	Pediatr Int . 2024 Jan- Dec;66(1):e 15777	Pediatrics Department and Pathology Department Hospital Tuanku Ja'afar and Hospital Tuanku Ampuan Najihah

PUBLICATION IN 2024

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Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>19 Distinguishing features of COVID-19 and non-COVID-19 febrile seizures in hospitalised children</p> <p>Ng Boon Hong, Lim Hui Yi, Nur Emylia binti Zailanahuddin, Yasothai a/p Chandran, Wong Wan Fei, Vishnu Arvindran a/l Chandra Mohan, Durairaj Ramachandran, <u>Nurul Hafizah binti Mohd Yusoff</u> and <u>David Ng Chun-Ern</u></p>	<p>Med J Malaysia . 2024 Jul;79(4):40 8-413</p>	<p>Pediatrics Department and Pathology Department Hospital Tuanku Ja'afar and Hospital Tuanku Ampuan Najihah</p>
<p>20 Physical inactivity and its associated factors among pre-retirement government healthcare workers in Kuala Lumpur, Malaysia</p> <p>Rahmat Dapari, Mohamad Rabani Abdul Wahab, <u>Mohd 'Ammar Ihsan Ahmad Zamzuri</u>, Mohd Rohaizat Hassan, Nazri Che Dom & Syed Sharizman Syed Abdul Rahim</p>	<p>BMC Public Health . 2024 Jul 18;24(1):1926</p>	<p>Negeri Sembilan State Health Department (JKNNS)</p>
<p>21 Perceived barriers to peritoneal dialysis utilization amongst South Asian nephrologists</p> <p>Vinant Bhargava, Priti Meena , Krishna Kumar Agrawaal, Dilushi Wijayaratne, Shubharthi Kar, Ahad Qayyum, Azmeri Sultana, Ibrahim Shiham, Edwina Brown and <u>Lily Mushahar</u></p>	<p>Perit Dial Int . 2024 Jul 23</p>	<p>Nephrology Department Hospital Tuanku Ja'afar</p>
<p>22 Predictors of grit among medical students: a study at a Malaysian Public University</p> <p><u>Nurfauzani Ibrahim</u>, Mariam Mohamad, Suraya Abdul-Razak, Mohamed-Syarif Mohamed-Yassin & Noorhida Baharudin</p>	<p>BMC Med Educ . 2024 Jul 23;24(1):791</p>	<p>Jelebu Health Clinic</p>
<p>23 Cost of cardiovascular disease events in patients with and without type 2 diabetes and factors influencing cost: a retrospective cohort study</p> <p>Sharifa Ezat Wan Puteh, Noor 'Adilah Kamarudin, Zanariah Hussein, <u>Noorlita Adam</u> & Mohd Ridzwan Shahari</p>	<p>BMC Public Health . 2024 Jul 26;24(1):200 3</p>	<p>Medical Department, Hospital Tuanku Ja'afar</p>

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>24 A hierarchical cluster analysis for clinical profiling of tofacitinib treatment response in patients with rheumatoid arthritis</p> <p>Sivakami Janahiraman, Nor Shuhaila Shahril, Vivek Jason Jayaraj, Suyin Ch'ng, <u>Liu Hong Eow</u>, Eashwary Mageswaren, Ai Lee Lim, Hwee Cheng Chong, Ping Seung Ong, Asmahan Mohamed Ismail, Siti Mariam Ab Rahim, Chun Ruh Ng, Dayang Masyrinartie Suahilai, Azwarina Hanim Ramlan, Chun Lai Too & Chee Onn Leong</p>	<p>Clin Rheumatol . 2024 Aug;43(8):2489-2501</p>	<p>Medical Department, Hospital Tuanku Ja'afar</p>
<p>25 Family study of haemoglobin Arya in a Malaysian family</p> <p><u>Subithira Nahanthiran</u>, <u>Nik Hafidzah Binti Nik Mustapha</u>, Norafiza Binti Mohd Yasin, Faridah Binti Idris, Sabariah Binti Md Noor</p>	<p>Malays J Pathol . 2024 Aug;46(2):315-320</p>	<p>Pathology Department Hospital Tuanku Ja'afar</p>
<p>26 The rate of blood culture contamination and common organisms isolated in Malaysian public hospitals</p> <p>Nor Akmal Mokhtar, Siew Ying Ting, <u>Nor Zanariah Zainol Abidin</u>, Ahneez Abdul Hameed, Zulaikah Mohamed, Nur Izati Mustapa, Nur Hanani Ahmad, Suhaila Baharuddin, <u>Gunasundari Sibalinggam</u>, Zahrul Laili Abd Hadi, Zarifah Zam, Lailatul Akmar Mat Nor, Siti Fazilah Situ, Fatimah Dzohrah Sharuddin, Aniz Suriani Mohd Ali, Nadiyah Abdullah@ Azahari, Rosnita Rashid, Sharifah Saidah Syed Omar, Norlela Othman, Nor Rasidah Rasid, Padmaloseni Thangarajah, Kah Ying Boon, Nour Amalina Mohd Said, Mohd Zaki Mohd Zaili, Alisa Hanum Arba'eni, Roesnita Baharudin, Kartina Md Noor, Wan Alifah Wan Ismail, Pao Ying Heng, Wan Azlirull Aini Ahmad Ghazali, Siti Noraihan Khamis and Hafzan Baharim</p>	<p>Malays J Pathol . 2024 Aug;46(2):307-314</p>	<p>Pathology Department Hospital Tuanku Ja'afar and Hospital Tuanku Ampuan Najihah</p>

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>27 Metabolic associated fatty liver disease (MAFLD): assessing the knowledge and practice of primary care doctors in Seremban District, Negeri Sembilan</p> <p><u>Kalaivaani Vijan</u>, <u>Athirah Ali</u>, <u>Nur Adhajirin Mohamed Idrus</u>, <u>Priscilla Lourdesamy</u>, <u>Shamini Margammuthu</u>, <u>Suguna Perumal</u></p>	<p>Malays Fam Physician . 2024 Aug 16:19:51</p>	<p>Kuala Pilah Health Clinic, Mantin Health Clinic, Sikamat Health Clinic, Jelebu Health Clinic and Port Dickson Health Clinic</p>
<p>28 Penetrating orbital injury caused by automobile airbag cover</p> <p>Dheveya Sinnayya, <u>Arvindra Krishnan</u>, <u>Wan MHWa Rahman</u>, Penny PW Lott & Tajunisah Iqbal</p>	<p>Clin Exp Optom . 2024 Sep;107(7):768-771</p>	<p>Ophthalmology Department Hospital Tuanku Ja'afar</p>
<p>29 Beyond Epistaxis: A Rare Case of Ectopic Sinonasal Adamantinomatous Craniopharyngioma</p> <p>Kabilen Selva Kumaran, <u>Nurul Syamiza Shamsudin</u>, Harvinder Singh Dalip Singh and Philip Rajan Devesahayam</p>	<p>Cureus . 2024 Sep 1;16(9):e68357</p>	<p>Otorhinolaryngology-Head and Neck Surgery Department Hospital Tuanku Ja'afar.</p>
<p>30 Organisms causing community-acquired bloodstream infection in medical department: A single centre retrospective observational study</p> <p><u>Suganthini Ramadas</u>, <u>Suvintheran Thangavelu</u> and <u>Nor Zanariah binti Zainol Abidin</u></p>	<p>Med J Malaysia . 2024 Sep;79(5):569-574</p>	<p>Medical Department and Pathology Department Hospital Tuanku Ja'afar</p>

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
31 Bacille Calmette-Guérin (BCG) osteomyelitis: a rare complication of BCG vaccination <u>Vindhu Venugopal and David Chun-Ern Ng.</u>	BMJ Case Rep . 2024 Sep 10;17(9):e261058	Pediatrics Department, Hospital Tuanku Ja'afar
32 The prevalence of sleep deprivation and its impact among medical officers in a tertiary hospital, a cross-sectional study from Malaysia Aqil M. Daher, Ismail Burud, Mehrdad Subair, <u>Lily Mushahar</u> and Law Jia Xian	PLoS One . 2024 Sep 16;19(9):e0310783	Clinical Research Centre Hospital Tuanku Ja'afar
33 Drug-Related Problems in HIV Treatment Failure Mohd Farizh Che Pa, <u>Ng Tiang Koi</u> , Arisah Misnan, Farida Hanim Islahudin and Mohd Makmor-Bakry	Cureus . 2024 Sep 21;16	Medical Department Hospital Tuanku Ja'afar
34 Femoral Head Fracture Fixation Using Femoral Head Cement Templating for Iliac Bone Graft and Biodegradable Screws via Ganz Surgical Dislocation of the Hip: A Case Report Muhammad Ikmal Hazli, Abdul Qayyum Mohd Raziff and <u>Zamri Ab Rahman</u>	Cureus . 2024 Sep 29;16(9):e70429	Orthopedic Department Hospital Tuanku Ja'afar
35 Incidence and severity of pertussis among hospitalized infants, Sarawak, Malaysia, 2015-2021 <u>David Chun-Ern Ng</u> , Veronica Huey-Shin Wong, Da-Wei Liew, Su-Lin Chien, Lee-See Tan, Peter Sie-Teck Lau, Thilagam Rajandran, Yuwana Podin and Mong-How Ooi	J Infect Dev Ctries . 2024 Sep 30;18(9):1394-1403	Pediatrics Department, Hospital Tuanku Ja'afar

PUBLICATION IN 2024

Negeri Sembilan

Research Title and Author(s)	Journal	Department/ Unit of local contributing authors
<p>36 National expert consensus on short-acting beta2-agonist overreliance in asthma care in Malaysia</p> <p>Andrea Yu-Lin Ban ,Sri Wahyu Taher, Jaya Muneswarao, Bee Kiau Ho ,Rashidi Ahmad, Lalitha Pereirasamy, Li Yin Chong, Shamsuriani Md Jamal, Arvindran Alaga, Helmy Haja Mydin, Li Cheng Chang, <u>Nor Azila Md Isa</u>, & Mohd Arif Mohd Zim</p>	<p>J Asthma . 2024 Nov;61(11):13 63-1375</p>	<p>Nilai Health Clinic</p>
<p>37 Gait alteration during turning while walking in older adults with benign paroxysmal positioning vertigo</p> <p><u>Haziqah Nasruddin</u>, Maria Justine, Alia Alghwiri & Haidzir Manaf</p>	<p>Ann Med . 2024 Dec;56(1):24 02952</p>	<p>Physiotherapy Unit, Hospital Tuanku Jaafar, Negeri Sembilan</p>
<p>38 A Rare Manifestation of Cutaneous Metastasis from Laryngeal Carcinoma</p> <p>Nur Izzaty Nadia Mohd Ariffin, Khairul Azlan Shahril Abu Dahari, Norhaslinda Abdul Gani & Irfan Mohamad</p>	<p>Indian J Otolaryngol Head Neck Surg . 2024 Dec;76(6):58 99-5901</p>	<p>Otorhinolaryngo logy-Head and Neck Surgery Department Hospital Tuanku Ja'afar.</p>
<p>39 Cervicofacial actinomycosis: a key consideration in cases of submandibular swelling</p> <p>Xiang Lin Cheng, Nur Izani Abu Hassan, David Chun-Ern Ng</p>	<p>BMJ Case Rep . 2023 Dec 9;16(12):e258 129</p>	<p>Pediatrics Department, Hospital Tuanku Ja'afar</p>

CRC Activities in 2024

Bengkel Good Clinical Practice 23 – 25 April 2024 Palm Hotel Seremban



Bengkel Metodologi & Pembangunan Protokol BKPNS, 30 April 2024, Bilik Alamanda, Permai Puri, JKNS



Bengkel Basic Statistics , 28-29 Mei 2024, Makmal Komputer, JKNS



CRC Activities in 2024

Bengkel Sample Size Calculation, 10 Julai 2024 Makmal Komputer, JKNNS



CRM Trial Connect 2024, 9-10 Mei 2024 Connexion Conference & Event Centre, Kuala Lumpur



East Coast Research Day 2024, 26-28 Ogos 2024 Renaissance Hotel, Kota Bharu



CRC Activities in 2024

Introduction to Clinical Research Workshop, 12 -13 Jun 2024, UCSI Hospital



Manuscript Writing Workshop 10 October 2024, Bilik Mesyuarat Tanah Datar, HTJS



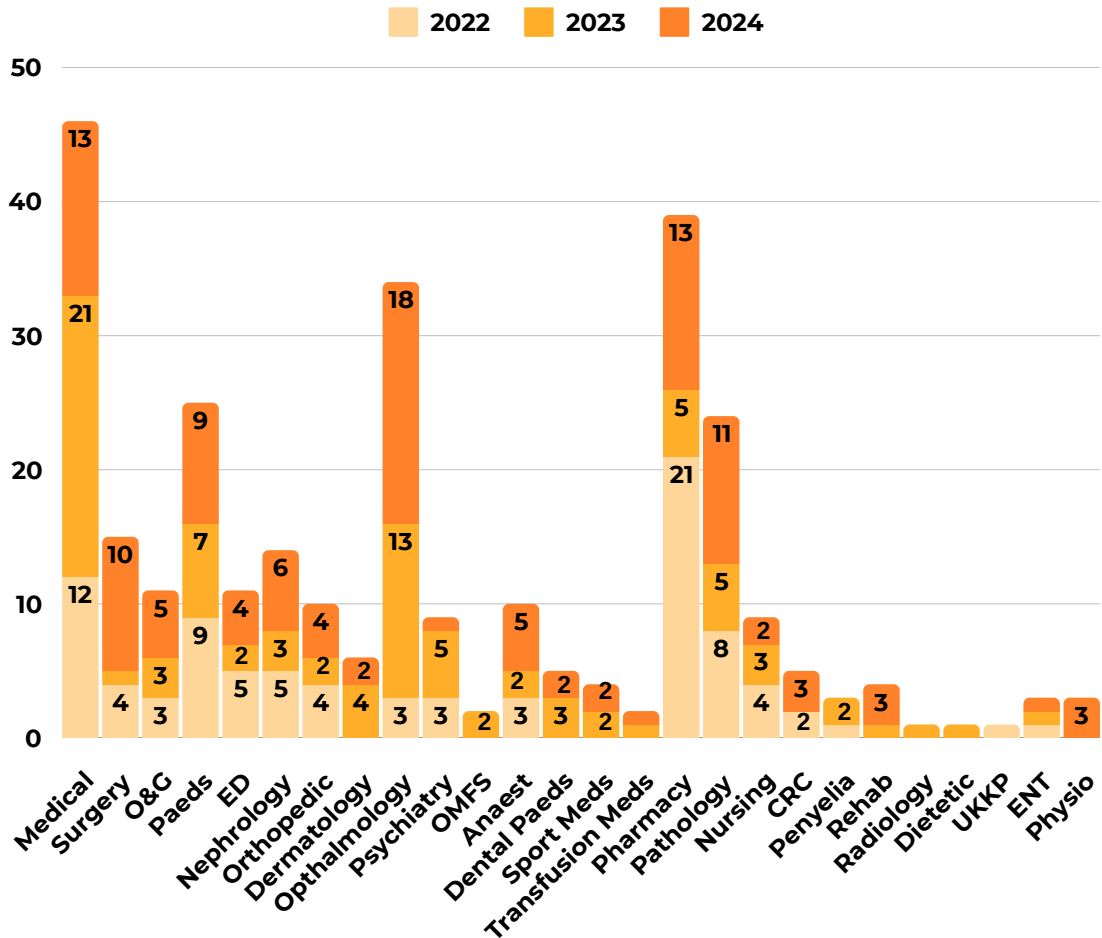
Year End CRC HTJS Retreat 28 December 2024, La Hilir Glamping



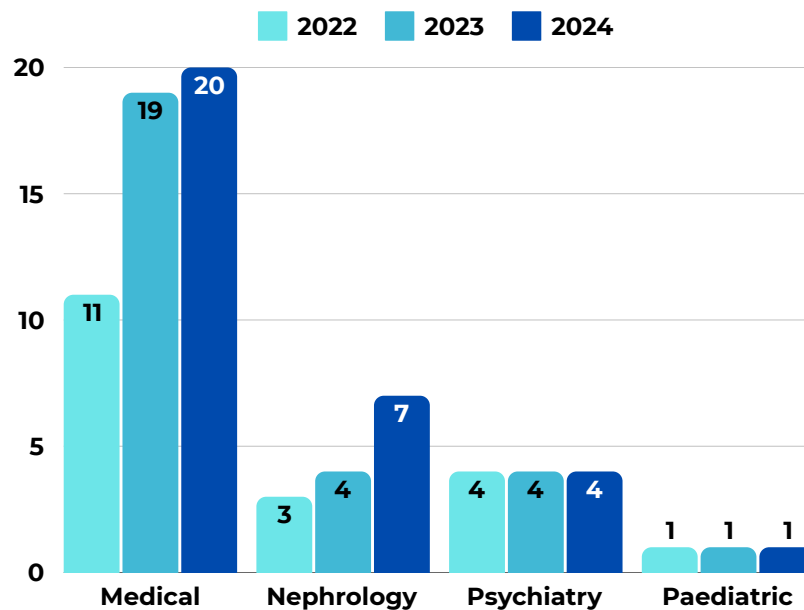
**"What you're building never matters as much as who
you're building it with."
-Tony Fadell in Build**



Investigator Initiated Research (IIR) Registered at CRC HTJS



Industrial Sponsored Research (ISR) Conducted at CRC HTJS



HTJ ISR Achievement in 2024

Study: THAL-01
Recognition: 1st Patient Enrollment in Malaysia
Principal Investigator : Dr. Toh See Guan
Department: Medical

Subject: [EXTERNAL] THAL-01 — Celebrating our first patient enrollment in Malaysia

Dear THAL-01 investigators in Malaysia,

I am excited to share some good news with all of you. Today we have reached a significant milestone in our THAL-01 trial in Malaysia with the enrollment of our first patient. This achievement took place at the site of Dr. See Guan Toh at Tuanku Ja'afar Hospital in Seremban. Congratulations to Dr. Toh and the entire team for their dedication and hard work in making this possible! This enrollment marks the 9th patient in our trial overall — a great step forward in our collective efforts to treat iron overload in patients with alpha or beta thalassemia.

Here is an overview of our five active sites in Malaysia:

Site #	PI Name	Institution	City
6002	See Guan Toh	Tuanku Ja'afar Hospital Seremban	Seremban

Study: CONNEX-2
Recognition: Top 4 Recruiting Site Globally
& Top Recruiting Site in Malaysia
Principal Investigator: Dr. Wong Kit Chan
Department: Psychiatry



IMPORTANT!



Mark Your Calendar

FEBRUARY

25-26 February 2025

Introduction To
Clinical Research

Dewan Seminar
Tiga Nenek HTJS

COMPLETED

APRIL

15-17 April 2025

Good Clinical
Practice Workshop
(GCP)

Arena Seremban
Hotel

JUNE

18-19 June 2025

Basic Statistic
Workshop

Makmal
Komputer, JKNS

JULY

9-10 July 2025

Manuscript Writing
Workshop

Bilik Mesyuarat
Tanah Datar
HTJS

OCTOBER

9 October 2025

Negeri Sembilan
Research Day

Klana Resort
Seremban

9TH NEGERI
SEMBILAN

Research Day

9 OCTOBER 2025
KLANA RESORT SEREMBAN

SHAPING RESEARCH
INNOVATION &
IMPLEMENTATION



CALL FOR
ABSTRACT

ABSTRACT CLOSING DATE :
15 AUGUST 2025

[Register here](#)



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