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**MBBS, MPH, PhD, FAMM
CURRICULUM VITAE**

15-Dec-25

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1. PERSONAL DATA

1.1 Business Address

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Universiti Malaya
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Personal email address: rampal.s@gmail.com

1.2 Short introduction

Dr. Sanjay Rampal is Executive Director of Research Development at Universiti Malaya and a Professor of Epidemiology and Public Health. Medically trained in India, he served in Malaysia's Ministry of Health before earning a Master of Public Health from Harvard University and a PhD from Johns Hopkins University. He is Certified in Public Health (CPH) by the US National Board of Public Health Examiners.

Dr. Rampal has advanced Malaysia's talent development and research capacity in Public Health. He aims to improve the nation's health by focusing on the prevention of cardiovascular and metabolic diseases, cancer, and their intersection with certain communicable diseases. His methodological expertise spans research design, addressing threats to causal inference, and biostatistics. He has published 89 WOS and 94 SCOPUS papers (h-index: 32 WOS, 39 SCOPUS; WOS Citations without Self-citations: 17,330) and supervised over 65 postgraduate students.

Dr. Rampal aims to drive transformative growth in research and education at Universiti Malaya and chairs the national subcommittees for Public Health. His past leadership roles include Deputy Dean of Research and Head of the Public Health Department. He had contributed to Malaysia's COVID-19 response through practice, research, policy, and public communication.

Dr. Rampal heads the Western Pacific Regional Training Centre, which is supported by the Special Programme for Research and Training in Tropical Diseases (TDR). He also advises the Global Health Program of the Association of Pacific Rim Universities and is a member of the International Epidemiology Association. He is a past member of the American Heart Association/American Stroke Association and the Society for Epidemiologic Research. As a global health leader, Dr. Rampal is dedicated to advancing public health through research excellence, education, and collaborative leadership.

1.3 Long biodata

Dr Sanjay Rampal was appointed Executive Director of the Department of Research Development under the Office of Deputy Vice-Chancellor (Research & Innovation), Universiti Malaya in March 2025. He is a Professor of Epidemiology and Public Health and a Public Health Physician at the Department of Social and Preventive Medicine, Faculty of Medicine, Universiti Malaya.

Dr Rampal was medically trained in India and served in the Ministry of Health, Malaysia from 1998 to 2005. The clinical experiences from his early medical career helped him realize that treating one patient at a time was insufficient and that more could be done by intervening at a population level. He improved his basic epidemiology and biostatistics knowledge by completing an MPH degree in 2004 from Harvard University.

He joined Universiti Malaya in 2005, intending to strengthen the research skills of the Malaysian medical and public health community. He completed his PhD in Epidemiology from Johns Hopkins University in 2014. He was Certified in Public Health (CPH) by the US National Board of Public Health Examiners in 2013.

Dr Rampal's research has focused primarily on the epidemiology and prevention of cardiovascular disease. He has investigated the etiological and prognostic roles of various factors with diabetes and cardiovascular disease. These factors include gender, ethnicity, nutrition, obesity, metabolic-associated fatty liver disease, dyslipidemia, and other structural determinants of health. He has further investigated the role of these traditional cardiovascular risk factors in cancer development. He hopes to leverage this information further to design and implement better prevention programs that reduce the number of new patients our healthcare system sees. In recent years, he has extended his epidemiological expertise to communicable diseases.

His methodological interests include improving research methodology, biostatistics, epidemiological designs, regression models, causal inference, multiple imputations, measurement error, and propensity scoring.

Dr Rampal lectures in epidemiology, biostatistics, and research methods at Universiti Malaya. He has supervised 21 Doctoral, 10 4-year Master of Public Health, and 35 Master's candidates to completion. He actively supervises 10+ postgraduate students. Since 2005, he has provided many methodological and biostatistical consultations to graduate students and clinical researchers. Dr. Rampal has published 89 WOS and 94 SCOPUS papers (h-index: 32 WOS, 39 SCOPUS; WOS Citations without Self-citations: 17,330) and supervised over 65 postgraduate students.

Dr Rampal is a Fellow of the Academy of Medicine Malaysia and was the past honorary secretary for the College of Public Health Medicine from 2006-2009 and an executive member from 2016 to 2024. He has chaired the Public Health Medicine Specialty Education Subcommittee at the Malaysian Medical Council since 2020. He was also a member of the Technical Advisory Committee for Health Technologies Economic Evaluation, Ministry of Health Malaysia, from 2017 to 2024. He had previously chaired the Malaysian National Conjoint Committee for Public Health Postgraduate Medical Program and the Public Health Society of the Malaysian Medical Association.

Dr Rampal heads the Western Pacific Regional Training Centre of the Special Programme for Research and Training in Tropical Diseases(TDR). He is also an advisory member of the Global Health Program of the Association of Pacific Rim Universities and an international advisory committee member of the ASEAN University Network Health Promotion Network. He is also a member of the International Epidemiology Association and a past member of the American Heart Association/American Stroke Association and the Society for Epidemiologic Research.

During the COVID-19 pandemic, Dr Rampal improved the prevention and control of COVID-19 through active research and translation. He had actively communicated with the public through the media on COVID-19 issues. He was a member of the following committees: 1) Science and Technology Expert Panel for Disaster Risk Reduction under the Health and Emerging Threat Cluster of the Malaysia Disaster Management Agency; 2) National COVID-19 Epidemiological Analysis Task Force under the Ministry of Science, Technology, and Innovation; 3) AFC Covid-19 Advisory Expert Group; 4) UMMC COVID-19 Task Force; and 5) the Journal of Global Health Science Commission on COVID-19 Response.

Leadership

Dr Rampal led the Research portfolio at the Faculty of Medicine as the Deputy Dean (Research) from 2021 to 2025. He was focused on driving research excellence among the Faculty's 450+ academicians. His team comprised three officers, three support staff, and 41 academics. The portfolio aimed to elevate the research impact of Faculty of Medicine academicians through strategic initiatives. As a team, the portfolio was dedicated to support the scholarly research endeavors of the faculty and nurture the next generation of research leaders.

Dr Rampal led the Department of Social & Preventive Medicine and ensured that The Department enjoyed transformative growth during his tenure as head from August 2016 to February 2021. He managed a team of 28 professionals, six support staff, and 241 actively enrolled Postgraduate students in February 2021. He remained committed even during my administrative Sabbatical from December 2019 to August 2020, when he came back to co-lead the Public Health Response at both the faculty and hospital levels and influenced policy at the national level.

Building upon the legacy of his predecessors, the Department pursued Universiti Malaya's vision of becoming a global university impacting the world. The Department strengthened its governance by updating our strategic plans, re-aligning our vision and mission, updating the department organization, improving engagement with the Ministry of Health and other stakeholders, and ensuring inclusivity and fairness. The Department also strengthened its processes as a team to enhance the students' experience and help academicians reach their full potential.

Under his leadership, the Department progressed as a leading regional provider of Public Health Education focused on improving the health of our society. Graduating students have embarked on successful journeys to becoming future leaders, while academics have progressed toward achieving world-class thought leadership.

During this period, he also developed collaborations with various international associations and universities, including the Association of Pacific Rim Universities (APRU) Global Health Program, ASEAN University Network, Asia-Pacific Academic Consortium for Public Health, Kyoto University, National Taiwan University, Mahidol University, and the National University of Singapore.

Dr Rampal led the Julius Centre University of Malaya-Center for Clinical Epidemiology and Evidence-Based Medicine from 2014 to 2017. During this period, he reviewed and revised the Centre's objectives, improved our engagement with our members and stakeholders, and increased the number of research projects.

He had a transformative experience at Johns Hopkins University from 2009 to 2014. The immersive experiences helped him learn better practices, develop new cultural competencies, and improve his ability to establish beneficial multinational research partnerships. He deepened his scholarship in Public Health and completed his PhD at the Department of Epidemiology, focusing on the intersection between cardiovascular diseases, traditional and novel risk factors, and nutrition. He also completed advanced Biostatistics modules to sharpen my analytical acumen. At the Welch Center for Prevention, Epidemiology, and Clinical Research, he developed productive and dynamic collaborations with research teams from various countries. During this period, his active research partnerships across boundaries and continents resulted in 36 impactful publications from collective efforts. He deliberately returned to Malaysia after his PhD to improve the region's health by producing the next generation of public health leaders. The Protecting Health, Saving Lives, Millions at a Time motto still guides me.

Dr Rampal also managed the Clinical Investigative Centre (CIC) UMMC from April 2006 to July 2009. There were at least 50 trials actively at any time, and approximately 20-30 study coordinators assisted them. He collaborated closely with the industry on site selection and investigator recruitment procedures. He also oversaw the local site's study conduct, regulatory compliance, budget negotiation, and agreement review. I facilitated GCP training, equipping our investigators with the tools to conduct rigorous, ethical research. Together, he aimed to conduct high-quality clinical research at the Centre.

2. EDUCATION AND TRAINING

- 2014. Doctor of Philosophy (PhD), Johns Hopkins University (Bloomberg School of Public Health), Baltimore, MD, USA
- 2004. Master of Public Health (MPH) (Concentration in Quantitative Methods), Harvard University (School of Public Health), Boston, MA, USA.
- 1997. Bachelor of Medicine Bachelor of Surgery (MBBS equivalent to MD), M.S. Ramaiah Medical College, Bangalore University, Bangalore, India.

3. PROFESSIONAL EXPERIENCE

- March 2025 – Current. Executive Director, Department of Research Development, Office of Deputy Vice-Chancellor (Research & Innovation), Universiti Malaya.
- Sept 2021 – March 2025. Deputy Dean (Research), Faculty of Medicine, Universiti Malaya
- Aug 2016 – Feb 2021. Head, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia. Administrative Sabbatical from December 2019 to August 2020.
- August 2017 – Present. Professor, Disciplines of Epidemiology & Biostatistics, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia
- Aug 2016 – Nov 2019. Head, Public Health Department, Universiti Malaya Medical Centre Universiti Malaya, Malaysia
- Jan 2017 – Dec 2018. Chair, Malaysian National Conjoint Committee for Public Health Postgraduate Medical Program
- Dec 2014 – Jan 2017. Head, Center for Clinical Epidemiology and Evidence Based Medicine (Julius Centre University of Malaya), Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia
- Aug 2009 – Aug 2017. Associate Professor, Disciplines of Epidemiology & Biostatistics, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia
- August 2014 – Dec 2014. Research Associate, Department of Epidemiology and Welch Center for Prevention, Epidemiology, and Clinical Research, Johns Hopkins University Bloomberg School of Public Health, Baltimore, USA

- Aug 2010 – July 2014. Research Assistant and Teaching Assistant, Department of Epidemiology and Welch Center for Prevention, Epidemiology, and Clinical Research, Johns Hopkins University Bloomberg School of Public Health, Baltimore, USA
- Jul 2007 – Aug 2009. Senior Lecturer and Head of Epidemiology and Biostatistics Unit, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia
- Jun 2005 – Jul 2007. Lecturer, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia
- Apr 2006 – Jul 2009. Manager, Clinical Investigative Centre, University Malaya Medical Centre, Kuala Lumpur, Malaysia
- Oct 2001 – Jun 2005. Medical Officer (Research), Clinical Research Centre (CRC), National Institute of Health Malaysia, Ministry of Health, Malaysia
- Feb 2001 – Sept 2001. Medical Officer in Emergency Department, Selayang Hospital, Ministry of Health, Malaysia.
- Nov 1999 – Jan 2001. Medical Officer in Pediatric Department, Selayang Hospital, Ministry of Health, Malaysia.
- Nov 1998 – Nov 1999. Medical Intern, Klang Hospital, Ministry of Health, Malaysia.
- Aug 1997 – Aug 1998. Medical Intern, M.S. Ramaiah, Medical Teaching Hospital, Bangalore, India
- Feb 1992 – Jul 1992. Research Assistant in an Occupational Health Research project on “Noise Pollution in Palm Oil Factories”, Department of Community Health, National University of Malaysia.

4. PROFESSIONAL ACTIVITIES

4.1 Credentialing

- Nov 1999 – Present. Registered as a Medical Doctor in the Malaysian Medical Council. MMC No: 35367
- Nov 2016 – Present. Registered as a Public Health Medicine Specialist in National Specialist Register. NSR No: 132775
- 2013 – 2026. Certified in Public Health, US National Board of Public Health Examiners

4.2 Society membership

- 2005 – Present. Member, International Epidemiological Association.
- 2016 – Present. Fellow of the Academy of Medicine of Malaysia.
- 2006 – Present. Member of the Academy of Medicine of Malaysia.
- 2002 – Present. Life Member of the Malaysian Medical Association, Malaysia.
- 2015 – Present. Member, Public Health Society - Malaysian Medical Association.
- 2016 – 2026. Executive Committee Member, College of Public Health Medicine, Academy of Medicine Malaysia.
- 2014 – 2024. Asia Pacific Academic Consortium on Public Health – Kuala Lumpur (APACPH-KL)
- 2016 – 2018. Chairman, Public Health Society - Malaysian Medical Association.
- 2016 – 2018. Member, Society for Epidemiologic Research
- 2015 – 2018. Member, American Heart Association / American Stroke Association
- 2016 – 2017. Chair of Wilayah Persekutuan Malaysian Medical Association Section Concerning House Officers, Medical Officers, and Specialist (SCHOMOS). Malaysia
- 2006 – 2009. Secretary, College of Public Health Medicine, Academy of Medicine Malaysia.

4.3 Participation in advisory panels and scientific committees

- 2019-Present. Advisory Group Member for the Global Health Hub, Association of Pacific Rim Universities (APRU)
- 2020- Present. Member and Chair of the Specialty Education Subcommittee for Public Health, Medical Education Committee, Malaysian Medical Council
- 2017-Present. Technical Advisory Committee for Health Technologies Economic Evaluation, Ministry Of Health Malaysia.
- 2020- Present. Institutional Member of the Global Network for Academic Public Health, Association of Schools and Programs of Public Health
- 2020- 2023. Member of Science and Technology Expert Panel for Disaster Risk Reduction, Health and Emerging Threat Cluster, Malaysia Disaster Management Agency, Prime Minister Department Malaysia.
- 2021-2023. Member, AFC Covid-19 Advisory Expert Group.

- 2019-2023. Member of the Malaysia SDG Academic Network.
- 2020-2021. Member of the Covid-19 Epidemiological Analysis and Strategies (CEASe) Task Force. Ministry of Science, Technology, and Innovation Malaysia.
- 2020-2021. Member of the JGHS Commission on COVID-19 Response.
- External Reviewer. Prevention of Cardiovascular Disease 2017. 1st Edition. Ministry of Health Malaysia and Academy of Medicine Malaysia.
- 2008 – 2009. Steering Committee Member, National Cancer Patient Registry (NCPR) - Colorectal Cancer.
- 2005- 2006. Member of the Governance Board for the Malaysian National Cancer Registry

4.4. Consultancy

1. Member, Asian Football Confederation (AFC) Covid-19 Advisory Expert Group
2. Member, International Teleconference on Technology and Policy for Supporting Implementation of COVID-19 Response and Recovery Plan in Southeast Asia (ITTP-COVID19), ASEAN University Network
3. Member, COVID-19 Epidemiological Analysis Task Force
4. Member, Epidemiology Cluster, Greater Klang Valley Task Force
5. Member, Science and Technology Expert Panel for Disaster Risk Reduction, Emerging Health Threats, National Disaster Management Agency
6. Expert Panel member, MYSOP Review group, National Recovery Plan
7. Member, Buka Sekolah Kami NGO
8. Member, University Malaya Medical Centre COVID-19 Task Force
9. Member, Malaysian Health Consortium

5. EDITORIAL AND PEER REVIEW ACTIVITIES

- Referee for papers in the following journal:
 - Arteriosclerosis, Thrombosis, and Vascular Biology

- BMC Public Health
- Asia Pacific Journal Of Public Health
- Journal of Global Health Sciences
- Medical Journal of Malaysia
- Journal Of University Malaya Medical Centre
- The Malaysian Family Physician, The Journal Of The Academy Of Family Physicians Malaysia.

6. HONORS AND AWARDS

- 2014. UM Excellence Awards. Highest impact publications during PhD.
- 2013-2014. Alexander Langmuir Teaching Assistantship, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health.
- 2012. Ellen B. Gold Fund for Epidemiology, Department of Epidemiology, Johns Hopkins University Bloomberg School of Public Health.
- 2008. Excellence Service Award, Faculty of Medicine, Universiti Malaya.
- 2007. Excellence Service Certificate. Faculty of Medicine, Universiti Malaya.
- 2006. Excellence Service Certificate. Faculty of Medicine, Universiti Malaya.
- 2006. Special Award for Excellence of Service. Malaysian Red Crescent Society.
- 2005. Certificate of Appreciation for Excellent Service Contribution in the Overseas Malaysian Humanitarian Assistance Mission 2004/2005. Deputy Prime Minister of Malaysia.
- 2004. Excellence Service Award. Hospital Kuala Lumpur, Ministry of Health Malaysia.
- 2004. 2nd Prize, Best Oral Presentation at the 1st Asia Pacific Conference on Public Health, 1-3rd October 2004, Kuala Lumpur, Malaysia.
- 2002. Best Oral Presentation at the 5th Scientific Meeting of the National Institutes of Health, Malaysia held on the 5th – 6th September 2002

7. PUBLICATIONS

7.1 Journal Articles (Peer-reviewed)

Pubmed Search:

sanjay rampal or ("Rampal S" AND MALAYSIA) NOT ((Rampal, Sanjiv Rampal[Author]) OR (Rampal, Sanjiv Rampal Lekhraj[Author]) OR (Rampal, Sanjiv[Author]) OR (Sanjiv, Rampal[Author]))

* Joint first authorship

1. Hematram Yadav RY, Thangiah N, Bhaskaran KS, Kumarasamy C, Ammikapathi S, Khor J, **Rampal S**. Factors associated with hospitalization of people with influenza in a Malaysian tertiary hospital from 2015 to 2019. *PLoS One*. 2025 Oct 17;20(10):e0333921. doi: 10.1371/journal.pone.0333921. eCollection 2025. PMID: 41105676
2. Huang J, Zhong CC, Ishak AS, Lawal BT, Orji CN, Elcarte ES, Obukishie OE, Vicerra PMM, Phisalaphong R, Maung ST, Suo Y, Huang Z, Yang Z, Sahakitrungruang T, **Rampal S**, Withers M, Wong MCS; NCD Global Health Working Group of Association of Pacific Rim Universities (APRU). Bangkok declarations on cancer control in Asia. *Lancet Reg Health West Pac*. 2025 Sep 22;63:101690. doi: 10.1016/j.lanwpc.2025.101690. eCollection 2025 Oct. PMID: 41050628
3. Hoo JX, Yang YF, Lau ESH, Ibrahim L, Vethakkan SR, Ratnasingam J, Chan SP, Paramasivam SS, Chia YC, Tan ATB, Luk AOY, **Rampal S**, Chan JCN, Lim LL. A 7-year prospective analysis of sustained benefits of multicomponent risk assessment and data-driven care in patients with type 2 diabetes: The Malaysian JADE Program. *Diabetes Obes Metab*. 2025 Dec;27(12):7232-7243. doi: 10.1111/dom.70125. Epub 2025 Sep 15. PMID: 40954936
4. Adi Azahar N, Devi D, **Rampal S**, Kamarulzaman A, Mohd Salleh NA. Using nominal group technique (NGT) to identify barriers and facilitators to implement rapid-start direct-acting antiviral (DAA) for people who use drugs living with hepatitis C in Malaysia. *Int J Drug Policy*. 2025 Nov;145:104966. doi: 10.1016/j.drugpo.2025.104966. Epub 2025 Aug 21. PMID: 40845751.
5. Jayaraj VJ, Husin M, Tok PSK, Ismail MZH, Omar MA, **Rampal S**, Sivasampu S. Assessing the relative vaccine effectiveness of a fourth COVID-19 dose on hospitalization in Malaysia amidst evolving omicron variants: An emulated target trial. *Vaccine*. 2025 Aug 30;62:127569. doi: 10.1016/j.vaccine.2025.127569. Epub 2025 Aug 7. PMID: 40780091.
6. Loke JY, **Rampal S**, Che Hamzah J, Lim YW, Kamalden TA. Visual impairment in any eye adversely affects quality of life: Psychometric validation of the Malay NEI VFQ-25. *PLoS One*. 2025 Jun 20;20(6):e0324979. doi: 10.1371/journal.pone.0324979. PMID: 40540493
7. Krishnanmoorthy G, **Rampal S**, Karuthan SR, Baharudin F, Krishna R. Effectiveness of Participatory Ergonomic Interventions on Work-Related Musculoskeletal

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Disorders, Sick Absenteeism, and Work Performance Among Nurses: Systematic Review. *JMIR Hum Factors*. 2025 Jun 18;12:e68522. doi: 10.2196/68522. PMID: 40532143

8. Ang SH, Lim LL, Mustapha FI, Ahmad E, **Rampal S**. Association between sex, age, temporal trends, and glycemic control of 221,769 adults with type 2 diabetes in a multi-ethnic middle-income Asian country. *Diabetes Res Clin Pract*. 2025 Feb;220:111976. doi: 10.1016/j.diabres.2024.111976. PMID: 39742922
9. **NCD Risk Factor Collaboration (NCD-RisC)**. Worldwide trends in diabetes prevalence and treatment from 1990 to 2022: a pooled analysis of 1108 population-representative studies with 141 million participants. *Lancet*. 2024 Nov 23;404(10467):2077-2093. doi: 10.1016/S0140-6736(24)02317-1. Epub 2024 Nov 13. PMID: 39549716.
10. **NCD Risk Factor Collaboration (NCD-RisC)**. General and abdominal adiposity and hypertension in eight world regions: a pooled analysis of 837 population-based studies with 7.5 million participants. *Lancet*. 2024 Aug 31;404(10455):851-863. doi: 10.1016/S0140-6736(24)01405-3. PMID: 39216975
11. Wong KYY, Moy FM, Shafie A, **Rampal S**. Identifying obesogenic environment through spatial clustering of body mass index among adults. *Int J Health Geogr*. 2024 Jun 26;23(1):16. doi: 10.1186/s12942-024-00376-5. PMID: 38926856
12. Jayaraj VJ, Husin M, Suah JL, Tok PSK, Omar A, **Rampal S**, Sivasampu S. Effectiveness of COVID-19 vaccines among children 6-11 years against hospitalization during Omicron predominance in Malaysia. *Sci Rep*. 2024 Mar 8;14(1):5690. doi: 10.1038/s41598-024-55899-5. PMID: 38454077
13. **NCD Risk Factor Collaboration (NCD-RisC)**. Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 population-representative studies with 222 million children, adolescents, and adults. *Lancet*. 2024 Mar 16;403(10431):1027-1050. doi: 10.1016/S0140-6736(23)02750-2. Epub 2024 Feb 29. PMID: 38432237
14. Jayaraj VJ, Ng CW, Hoe VC, Chong DW, **Rampal S**. Rapidly scalable and low-cost public health surveillance reporting system for COVID-19. *BMJ Health Care Inform*. 2024 Jan 18;31(1):e100759. doi: 10.1136/bmjhci-2023-100759. PMID: 38238022
15. Parra-Mujica F, Roope LS, Abdul-Aziz A, Mustapha F, Ng CW, **Rampal S**, Lim LL, Dakin H, Clarke P. Health poverty among people with type 2 diabetes mellitus (T2DM) in Malaysia. *Soc Sci Med*. 2024 Jan;340:116426. doi: 10.1016/j.socscimed.2023.116426. Epub 2023 Nov 22. PMID: 38016309
16. Ibrahim NS, **Rampal S**, Lee WL, Pek EW, Suhaimi A. Evaluation of Wrist-Worn Photoplethysmography Trackers with an Electrocardiogram in Patients with Ischemic Heart Disease: A Validation Study. *Cardiovasc Eng Technol*. 2023 Nov 16. doi: 10.1007/s13239-023-00693-z. Online ahead of print. PMID: 37973701

17. **NCD Risk Factor Collaboration (NCD-RisC)**. Global variation in diabetes diagnosis and prevalence based on fasting glucose and hemoglobin A1c. *Nat Med*. 2023 Nov;29(11):2885-2901. doi: 10.1038/s41591-023-02610-2. Epub 2023 Nov 9. PMID: 37946056
18. Teh CH, **Rampal S**, Kee CK, Azahadi O, Tahir A. Body mass index and waist circumference trajectories across the life course and birth cohorts, 1996-2015 Malaysia: sex and ethnicity matter. *Int J Obes (Lond)*. 2023 Dec;47(12):1302-1308. doi: 10.1038/s41366-023-01391-5. Epub 2023 Oct 13. PMID: 37833560

Correction: Body mass index and waist circumference trajectories across the life course and birth cohorts, 1996-2015 Malaysia: sex and ethnicity matter. Teh CH, **Rampal S**, Kee CC, Azahadi O, Tahir A. *Int J Obes (Lond)*. 2024 Mar;48(3):437. doi: 10.1038/s41366-023-01447-6. PMID: 38135703
19. Gan Kim Soon P, **Rampal S**, Lim SK, Su TT. Effect of socioeconomic status and healthcare provider on post-transplantation care in Malaysia: A multi-centre survey of kidney transplant recipients. *PLoS One*. 2023 Apr 19;18(4):e0284607. doi: 10.1371/journal.pone.0284607. eCollection 2023. PMID: 37075033
20. **NCD Risk Factor Collaboration (NCD-RisC)**. Diminishing benefits of urban living for children and adolescents' growth and development. *Nature*. 2023 Mar;615(7954):874-883. doi: 10.1038/s41586-023-05772-8. Epub 2023 Mar 29. PMID: 36991188
21. Teh CH, **Rampal S**, Lim KH, Omar A, Aris T. Age, period, and cohort analysis of smoking intensity among current smokers in Malaysia, 1996-2015. *Nicotine Tob Res*. 2023 Mar 5:ntad035. doi: 10.1093/ntr/ntad035. Online ahead of print. PMID: 36879440
22. Jayaraj VJ, Chong DW, Wan KS, Hairi NN, Bhoo-Pathy N, **Rampal S**, Ng CW. Estimating excess mortalities due to the COVID-19 pandemic in Malaysia between January 2020 and September 2021. *Sci Rep*. 2023;13(1):86. doi: 10.1038/s41598-022-26927-z. PMID: 36596828
23. Jayaraj VJ, Ng CW, Bulgiba A, Appannan MR, **Rampal S**. Estimating the infection burden of COVID-19 in Malaysia. *PLoS Negl Trop Dis*. 2022 Nov 8;16(11):e0010887. doi: 10.1371/journal.pntd.0010887. PMID: 36346816
24. Lazarus JV, Romero D, Kopka CJ, Karim SA, Abu-Raddad LJ, Almeida G, Baptista-Leite R, Barocas JA, Barreto ML, Bar-Yam Y, Bassat Q, Batista C, Bazilian M, Chiou ST, Del Rio C, Dore GJ, Gao GF, Gostin LO, Hellard M, Jimenez JL, Kang G, Lee N, Matičić M, McKee M, Nsanzimana S, Oliu-Barton M, Pradelski B, Pyzik O, Rabin K, Raina S, Rashid SF, Rathe M, Saenz R, Singh S, Trock-Hempler M, Villapol S, Yap P, Binagwaho A, Kamarulzaman A, El-Mohandes A; **COVID-19 Consensus Statement Panel**. A multinational Delphi consensus to end the COVID-19 public health threat. *Nature*. 2022 Nov;611(7935):332-345. doi: 10.1038/s41586-022-05398-2. PMID: 36329272

25. Cho Y, Chang Y, Choi HR, Kang J, Kwon R, Lim GY, Ahn J, Kim KH, Kim H, Hong YS, Zhao D, **Rampal S**, Cho J, Park HY, Guallar E, Ryu S. Nonalcoholic Fatty Liver Disease and Risk of Early-Onset Vasomotor Symptoms in Lean and Overweight Premenopausal Women. *Nutrients*. 2022 Jul 8;14(14):2805. doi: 10.3390/nu14142805. PMID: 35889762
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7.2 Books or monographs

Last updated in 2009

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2. ARA Rahman, AS Kamarudin, A Das, G Kaur, MA Kamaluddin, NY Yew, S Gunavathy, **S Rampal**, S Sivashumugam, AFH Yusoff. 2008. The Third National Health and Morbidity Survey (NHMS III) 2006, Hypertension and Hypercholesterolemia. Institute for Public Health (IPH), Ministry of Health, Malaysia. ISBN: 978-983-3387-15-6

7.3 Book chapters

Last updated in 2009

1. GRL Rampal, BH Choo, MZ Azhar, **Sanjay R**, NAG Sirajoon, O Shafie , R Ramlee, Ahmad Jesree. "Population based national study on the Prevalence of smoking among Malaysians aged 15 years and above." AK Varma(Ed). Tobacco Counters Health. New Delhi, Northern Book Centre 2006 , Vol. 4 pg. 113-121

7.4 Published Abstracts

Last updated 2015

1. Rampal S. Selection and missingness as threats to causal inference in longitudinal community based NCD research. 2015;Med J Malaysia;70(S1):18
2. Mohd Din FH, Rampal S, Muslan MA, Hoe Victor CW. Is psychological resilience associated with pain catastrophizing in male Malaysian Army recruits? A Longitudinal Study. 2015; Med J Malaysia;70(S1):43
3. Apal Sammy YD, Rampal S, Moy FM, Bulgiba A, Mohamed Z. Polymorphisms of the Resistin Gene and Their Association with Abdominal Obesity and Resistin Levels in Malaysian Malays. Public Health Genomics. 2015;18 (S1):29 P054
4. Sanjay Rampal, Juhee Cho, Yuni Choi, Yiyi Zhang, Di Zhao, Roberto Pastor-Barriuso, Yoosoo Chang, Joao A Lima, Hocheol Shin, Seungho Ryu, and Eliseo Guallar. Abstract P045: Western Dietary Patterns are Associated with the Prevalence of Hypertension in South Korea - The Kangbuk Samsung Health Study. Circulation. 2015;131(S1):AP045
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- Lung Function and Arterial Stiffness in Apparently Healthy Men and Women: The Kangbuk Samsung Health Study. *Circulation*. 2015;131(S1):AP181.
10. Miguel Cainzos-Achirica, Sanjay Rampal, Yoosoo Chang, Seungho Ryu, Yiyi Zhang, Di Zhao, Juhee Cho, Yuni Choi, Roberto Pastor-Barriuso, So Yeon Lim, Joao Lima, Hocheol Shin, and Eliseo Guallar. Abstract P184: Pulse Wave Velocity is Associated With Coronary Calcification and Improves its Prediction in Young And Middle-Aged Asymptomatic Adults: The Kangbuk Samsung Health Study. *Circulation*. 2015;131(S1):AP184.
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 12. B P Ooi, M Z Faizal, M Radzi, C H Ching, I Ahmad, K K Kiew, K L Chin, **S Rampal**. Optimizing and Increasing Erythropoietin Dose Significantly Reduces Pack Cell Transfusion Requirement During Treatment of Chronic Hepatitis C with Pegylated Interferon Among Hemodialysis Patients. *Malaysian Journal of Malaysia* 2008;63(Suppl B):42
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 16. Tan SS, Abu Hassan MR, Abdullah A, Ooi BP, **Rampal S**, Korompis T, Merican MI. Treatment of hemodialysis (HD) patients with chronic hepatitis C (CHC) using an escalating dose regimen of pegylated interferon (PEGIFN) alfa-2B. *Hepatology* 2007; 46(4): 279
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 18. **Sanjay Rampal**, Lekhraj Rampal, Choo BH, Mafauzy Mohamed, Loong YY. Prevalence, awareness, treatment and control of Diabetes in Malaysia, 2004. *Malaysian Journal of Public Health Medicine* 2007;7(S2):19.
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23. Norli Abdul Jabbar, Nor Aini Mohd Noor, **Sanjay Rampal**. Analysis of dengue death cases in Selangor, Malaysia, 1st January 2007 to 1st April 2007. Malaysian Journal of Public Health Medicine 2007;7(S2):3.
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25. Mohd Aminuddin MY, Mas Ayu Said, Noorah M Salleh, **Sanjay Rampal**, Noran Naqiah Hairi. Factors associated with relapse of drug addiction among males in Selangor Darul Ehsan. Malaysian Journal of Public Health Medicine 2007;7(S2):29.
26. Gerard Lim CC, **Sanjay R**, Haniff J, Halimah Y, Lim TO, Ng KH, Ibrahim , Purushothaman V. National Cancer Registry of Malaysia: Where do we go from here?. JUMMEC 2006;S1: 26-27.
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28. Tara T, **Rampal S LR**, Choong YF, Goh PP. Prognosis of Cataract Surgery in Diabetics. American Journal of Ophthalmology 2006;139(4):S2
29. Goh PP, **Rampal S LR**, Choong YF. National Cataract Surgery Registry 2002-2003 - The Risk Of Acute Endophthalmitis After Cataract Extractaion. American Journal of Ophthalmology 2006;139(4): S4

7.5 Proceedings

Last updated in 2009

1. **Rampal S**, Rampal L, Md Zain A, Mohamed M, Mohamad Taha A. Differences in the prevalence of diabetes mellitus in urban and rural Malaysia: a problem of urbanization. Recent Trends in Diabetes, Obesity, and Metabolic Syndrome. Organized by JAMA and NUHS. pg 23.
2. Chong WP, Yap WF, **S Rampal**, Azman W. Short and long term clinical outcome of female patients with STEMI. Annual Scientific Meeting National Heart Association of Malaysia. 2008.
3. Hoe VCW, Ng CW, Maznah D, **Sanjay R**, Moy FM, Choo WY, S Noor Ghani, Noorlaili AZ, Roshidi I. 2008. Public health policies and the indigenous people of Malaysia. Proceedings of The International Conference on Indigenous People (ICIP). pg 14.
4. Maznah D, Ng Cw, Moy Fm, **Sanjay R**, Hoe Vcw, S. Noorlaili. 2008. Breast Cancer Awareness And B.S.E. Practice Among Females Of Pahang, Malaysia. The 40th Asia Pacific Academic Consortium For Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 118
5. Jabar N A, **Rampal S**, Roshidi Ismail, Ahmad Fauzi Md Sharif. 2008. Validation of Malay version of Activities of Daily Vision Scale (ADVA-M) in UMMC, Malaysia. The 40th Asia Pacific Academic Consortium for Public Health Conference, 7-9 Nov 2008, Kuala Lumpur. Pg 132
6. Moy FM, **Sanjay R**, Hoe VCW, Ng CW, Maznah D. 2008. Obesity among the elderly in rural Pahang in Malaysia, 2008. Recent Trends in Diabetes, Obesity, and Metabolic Syndrome. Organized by JAMA and NUHS. pg 26.
7. Chong HY, **Rampal S**, Saad M, Bustam AZ, taib NA, Yip CH. Outcome of locally advanced breast cancer in UMMC - Is primary surgery a better option? Malaysian Oncological Society Annual Scientific Meeting Sabah 2008. Page 48
8. Samsudin S, **Rampal S**, Taib NA, Yip CH. Institutional inclusion criteria for sentinel lymph node biopsy for breast cancer: a study of two cohorts for predictors of node negativity. Malaysian Oncological Society Annual Scientific Meeting Sabah 2008. Page 46
9. Lekhraj Rampal, **Sanjay Rampal**, Mohd Azhar, Mohamad Taha, Sherina Mohd Sidik. Prevalence and factors associated with Metabolic Syndrome in Malaysia. Fourth Malaysian Conference & Exhibition on Healthy Ageing - Metabolic Disorders: An Integrated Approach to Healthy Living. 28-30 March 2008,
10. Cheah HS, Cha K, **S Rampal**. Delayed appendectomy and risks of perforation. 16th Asian Congress of Surgery, Beijing , China. October 2007.
11. Kaulsay R, **Rampal S**, Puriviappan P. Effectiveness of desloratadine in improving quality of life in patients with persistent allergic rhinitis. 26th Congress of the European Academy of Allergology and Clinical Immunology. 9-13 June 2007.

12. Cha K, Cheah HS, Koh PS, **Rampal S**. Gastric adenocarcinoma: One and three year survival rates after gastric surgery. Annual Scientific Meeting of the College of Surgeons, Academy of Medicine of Malaysia. June 2007.
13. Nurillyanee AS, Cha K, **S Rampal**. Prevalence of diverticulosis in Malaysia. A cross sectional study of One Thousand Colonoscopy Results in University Malaya Medical Center. Annual Scientific Meeting of the College of Surgeon-Academy of Medicine of Malaysia. June 2007.
14. Chong WP, Lau CY, **S Rampal**, Wu CS, Lean PL, Haizal HK, Azman W. Routine, Delayed elective coronary angiography after STEMI does not improve clinical outcome. Annual Scientific Meeting National Heart Association of Malaysia 2007.
15. Wu CS, Chong WP, Lau CY, **S Rampal**, Haizal HK, Azman W. Short term clinical outcome and predictive factors of failed reperfusion in STEMI patients treated with streptokinase: a single centre experience. Annual Scientific Meeting National Heart Association of Malaysia. 2007.
16. **S Rampal**, Noran NMH, Mas AS, Victor HCWA, Awang BAM, Noormah D, Rugayah B, Atiya AS. 2006. Clinical Epidemiology - An alternative approach to clinical research. 40th Malaysia-Singapore Congress of Medicine. 2006. pg 64.
17. **S Rampal**, A Das, J Haniff, TO Lim, GCC Lim. Six month and one year survival rates of common cancers in Malaysia. The XVIIth International Epidemiology Association (IEA) World Congress of Epidemiology (WCE 2005). 2005. Pg 335..
18. GR Lekhraj Rampal, **S Rampal**, MZ Azhar, O Shafii, R Ramlee, NAG Sirajoon, AA Ismail. 2005. Prevalence of Hypertension in Malaysia, 2004. The XVIIth International Epidemiology Association (IEA) World Congress of Epidemiology (WCE 2005). 2005. Pg 367

8. SUPERVISION

8.1 Doctoral Degree – PhD/DrPH

8.1.1 Graduated

1. Dr. Guganesan A/L Krishnanmoorthy. Doctor of Public Health (DrPH). Universiti Malaya. 17217505. 2025. Development and Evaluation of A Participatory Ergonomic Intervention for the Reduction of Work-Related Musculoskeletal Disorders Among Nurses.
2. Dr. Mohd Kamarulariffin Bin Kamarudin. Doctor of Philosophy (PhD). Universiti Malaya. 17201659/1. 2025. Developing machine learning-based Hospital

Standardised Mortality Ratio (HSMR): a retrospective analysis in Malaysian public hospitals

3. Nur Syazwani Binti Ibrahim. Doctor of Philosophy (PhD). Universiti Malaya. MVA180046 (17198233/1). 2024. Development and feasibility of an exercise monitoring system for patients in a cardiac rehabilitation programme.
4. Dr. Teh Chien Huey. Doctor of Philosophy (PhD). Universiti Malaya. MVA180004 (17017686/2). 2024. Sociodemographic Patterns in Non-Communicable Disease (NCD) Risk Factors and Their Impact on Mortality Risk in Malaysia, 1996-2015.
5. Dr. Vivek Jason Jayaraj. MWA190007 (17044051). Doctor of Public Health (DrPH). Universiti Malaya. 2022. The national, regional and global epidemiology of Coronavirus disease-19.
6. Dr. Diane Chong. MWA190016 (17021783/2). Doctor of Public Health (DrPH). Universiti Malaya. 2022. Hospital resilience: a case study of a Malaysian tertiary public teaching hospital during the Covid-19 pandemic.
7. Dr. Abuobieda Khogali Abdalla Abdalrouf. Doctor of Public Health (DrPH), Universiti Malaya. 17050541 (MHC150014). 2022. The effect of framed text- messaging on vaccination uptake among healthcare personnel in primary health care in Saudi Arabia: randomized control trial.
8. Dr. Ruben A/L Rama Krishnan. MHC 150010 (17034700). Doctor of Public Health (DrPH), Universiti Malaya. 2021. Association of gender and metabolic syndrome amongst adolescents in Peninsular Malaysia.
9. Dr. Peter Gan Kim Soon. MWA160013 (17020639). Doctor of Public Health (DrPH). Universiti Malaya. 2021. Access to renal transplantation and post-transplantation prognosis (ReTRAPP) study of adults in Malaysia.
10. Dr. Eng Jui Yee. MHA 130034 (17017606). Doctor of Philosophy (PhD). Universiti Malaya. 2020. Characterization of the dietary patterns and its association with fasting blood glucose in a multiethnic population
11. Dr. Chong Zhuo Lin. MWA160009 (17027646). Doctor of Public Health (DrPH), Universiti Malaya. 2020. Evaluation of the diagnostic accuracy and utility of a new dengue rapid diagnostic test in Malaysia.
12. Dr. Muftah Abdusalam Elbahloul. MHA110026 (17025304). Doctor of Philosophy (PhD). Universiti Malaya. 2020. Knowledge, attitude and practice towards Tuberculosis and the effectiveness of tuberculosis education program among nurses employed in Tuberculosis centres in Libya.
13. Dr. Khairiah Binti Ibrahim. MHC 110016 (17005999). Doctor of Public Health (DrPH), Universiti Malaya. 2020. Association between stigma, psychological distress, and quality of life among people living with HIV in Federal Territory of Kuala Lumpur.

14. Dr. Ely Zarina Samsudin. MWA160006 (17042065). Doctor of Public Health (DrPH), Universiti Malaya. 2020. Individual and Organisational factors of workplace bullying among junior doctors in Malaysia.
15. Dr. Mohd Syis bin Zulkipli. MHC 150004 (17035201). Doctor of Public Health (DrPH), Universiti Malaya. 2019. Association of Obesity, Diabetes Mellitus, and Hypertension with Dengue Severity.
16. Dr. Eliana binti Ahmad. MHC 150006 (17019840). Doctor of Public Health (DrPH), Universiti Malaya. 2019. BMI and gender as mediators in the association between ethnicity and glycemic control in primary healthcare settings: Malaysia National Diabetes Registry Cohort.
17. Dr. Rosvinder Singh. MHC 150011 (17042061). Doctor of Public Health (DrPH), Universiti Malaya. 2019. Factors associated with level of social competence among Malaysian adolescents.
18. Dr. Cassidy A/L Devarajooh. MHC 110017 (17033485). Doctor of Public Health (DrPH), Universiti Malaya. 2018. Type 2 diabetes in Hulu Selangor: factors influencing self-care practices from a cross sectional survey.
19. Dr. Sivarajan a/l Ramasamy. MHC 140011 (17049353). Doctor of Public Health (DrPH), Universiti Malaya. 2018. The Development and Effectiveness Of A Standard Education Programme to Prevent Tuberculosis for Public Healthcare Workers in Malaysia.
20. Dr. Nurhuda binti Ismail. MHC 090020. Doctor of Public Health (DrPH). Universiti Malaya. 2017. Mathematical Modelling Of Tuberculosis Transmission And Impact Of Isoniazid Preventive Therapy In Malaysia.
21. Dr. Sophia binti Mohd Ramli. MHC 090013 (17032166). Doctor of Public Health (DrPH). Universiti Malaya. 2017. Economic analysis and outcome of clinical breast examination and mammography screening for breast cancer detection among women in Klang, Selangor.
22. Dr. Faridzal Harrymen bin Mohd Din. MHC 120001 (17055937). Doctor of Public Health (DrPH), Universiti Malaya. 2016. the association between pain catastrophizing, psychological resilience, health-related quality of life and musculoskeletal injury, and disorder incidence among Malaysian army male recruits in basic training.

8.1.2 Awaiting senate confirmation

1. Kimberly Wong Yui N'Ng. Doctor of Philosophy (PhD). Universiti Malaya. MHA160026 (17042868/1). 2025. A Spatial Analysis Of Food Environment, Dietary Behaviours And Risk Of Diabetes Among Adult Populations In Malaysia.

8.1.3 Current Students

1. Devi Peramalah. Doctor of Philosophy (PhD). Universiti Malaya. 17045905/4. Expected 2025. Association Between SES And Glycaemic Control As Well As Risk Of Diabetes-Related Complications And Risk Of Mortality In Patients With Type 2 Diabetes Mellitus Managed In Primary Healthcare Settings In Malaysia.
2. Fazlollah Keshavarzi. Doctor of Philosophy (PhD). Universiti Malaya. 17021256/2. Expected 2025. Evaluation of clinical and financial impact of Carbapenems Antimicrobial Stewardship (AMS) Program In The Universiti Malaya Medical Centre (UMMC).
3. Dr. Ang Swee Hung. Doctor of Public Health (DrPH). Universiti Malaya. 2034949/1. Expected 2025. Variation in glycaemic control and complications of type 2 diabetes by gender in Malaysia.
4. Dr. Yoong Lee Yeen. Doctor of Public Health (DrPH). Universiti Malaya. 17200990/2. Expected 2025. Clustering of lifestyle risk factors of hypertension among school teachers in Selangor and Federal Territory of Kuala Lumpur, Malaysia.
5. Shathanapriya A/P Ammikapathi. Doctor of Philosophy (PhD). Universiti Malaya. 17051236/2. Expected 2025. Triglyceride glucose index (TyG index) associated with macrovascular and microvascular complications in type 2 diabetes mellitus.
6. Dr. Nadhir Adi Azahar. Doctor of Public Health (DrPH). Universiti Malaya. 17219058. Expected 2026. Rapid-start direct-acting antiviral (RS-DAA) strategy among people who use drugs (PWUD) with Hepatitis C virus (HCV) infection in Malaysia.
7. Dr. Ismail Bin Saudi. Doctor of Public Health (DrPH). Universiti Malaya. S2114674. Expected 2026. Identifying clusters of type 2 diabetes mellitus: exploring associations with the onset of vascular complications among multi-ethnic Malaysian adults.
8. Dr. Mohamad Nasri Bin Mohamad Isa. Doctor of Public Health (DrPH). Universiti Malaya. S22111540. Expected 2027. Cost-Effectiveness of Rapid Start Initiation of Direct-Acting Antiviral Therapy (RS-DAA) Among People Who Use Drugs in Malaysia.

8.2 MPH (1-year Degree)

1. Wan Nursyakirin Binti Kamarulazman. Master Of Public Health. S2182006. Universiti Malaya. 2025. Association between e-cigarette use and depression among adolescents in malaysia.
2. Sophia Rasheeqa Binti Ismail. Master Of Public Health. 22082688. Universiti Malaya. 2025. Lipoprotein (a) levels as a potential risk factor for first-onset myocardial infarction in multi-ethnic groups in Malaysia.
3. Shahidatul Munirah Binti Zaidun. Master Of Public Health. 22110463. Universiti Malaya. 2025. Frequency of visual self-expression activities and their association with emotional, social, and psychological well-being among Malaysian Public University students.
4. Siti Zubaidah Binti Ahmad Subki. Master Of Public Health. S2112811. Universiti Malaya. 2024. Association of psychosocial risks at the workplace with depression, anxiety and stress among doctors in Hospital Tengku Ampuan Rahimah Klang
5. Siti Zuhairah Binti Mohamad Razali. Master Of Public Health. S2176937. Universiti Malaya. 2023. Clinical characteristics and 14-day mortality among patients infected with hospital-acquired carbapenem resistant Acinetobacter Baumannii bacteraemia in Universiti Malaya Medical Centre.
6. Mohd Azman Bin Abas. Master Of Public Health. S2042732. Universiti Malaya. 2023. Attitude and practice towards sexual and reproductive health and its predictors among undergraduates in Universiti Kebangsaan Malaysia
7. Melissa Binti Johari Chan. Master Of Public Health. 22057532. Universiti Malaya. 2023. The impact of physical accessibility and psychological distress on the quality of life among students with disabilities at Universiti Malaya.
8. Raanita Krishnamoorthy. Master Of Public Health. S2117276. Universiti Malaya. 2022. Association between food insecurity and nutritional status among refugees in a middle-income country
9. Aida Binti Mohd Azlan. Master Of Public Health. S2027793. Universiti Malaya. 2021. Development of a health education intervention and its effectiveness in improving mmr vaccination confidence, attitude and uptake among parents attending public health clinics in Kuala Lumpur.
10. Adam Bin Mohd Alias. Master Of Public Health. 17199216. Universiti Malaya. 2021. Associations between pharmacy information system quality and use of system, user satisfaction, and net benefit of pharmacy information system: a cross-sectional study in the Central Region of Malaysia.
11. Muhamad Fadhil Mohd Pua'at Zuzaki. Master Of Public Health. 22058017/1. Universiti Malaya. 2023. Associations Between Socio-Demographic And Comorbid

Factors, Source Of Infection And Risk Of In-Hospital Melioidosis Mortality, Malaysia 2022: A Retrospective Cohort Study.

12. Shazwani Binti Mohmad. Master Of Public Health. Universiti Malaya. S2149756. 2023. Association Between Characteristics of Private Hemodialysis Centres and Viral Hepatitis Seroconversion at Private Hemodialysis Centres In Malaysia.
13. Jay Gobi A/L Marathamuthu. Master of Public Health. Universiti Malaya. 2017. The Association Between Prevalence of Overweight and Obesity with Gender Among University Students.
14. Devi A/P Peramalah. Master Of Public Health. Universiti Malaya. 2017. Prevalence Of Hypertension in Malaysia Using JNC 7 Guideline And 2017 ACC/AHA Guideline.
15. Khalid Osman Fere Supo. Master Of Public Health. Universiti Malaya. 2015-2016.
16. Mohamad Firdaus bin Mohamad Azmi. MHX 150003. Master Of Public Health. Universiti Malaya. 2016.
17. Semir Rashad Awkasho. MGX 140018. Master Of Public Health. Universiti Malaya. 2016.
18. Farouq Zayyan Sani. MGX 140028. Master Of Public Health. Universiti Malaya. 2015
19. Aung Kyaw Moe. MGX 140012. Master Of Public Health. Universiti Malaya. 2015
20. Mohd Syis bin Zulkipli. MGX 140001. Master Of Public Health. Universiti Malaya. 2015.
21. Atheel R Badir. Master Of Public Health. Universiti Malaya. 2009.
22. Mohamad Rodi bin Isa. MHC090008. Master Of Public Health. Universiti Malaya. 2009. The impact of applied progressive muscle relaxation training on the levels of depression, anxiety, stress and health related quality of life among prostate cancer patients.
23. Zuhair Abdelfatah Abdelhai. MGB080021. Master Of Public Health. Universiti Malaya. 2009.
24. Rafdzah Binti Ahmad Zaki. Master Of Public Health. Universiti Malaya. 2008
25. Nik Norazwana bt Nik Mohd Salleh. Master Of Public Health. Universiti Malaya. 2008
26. Tukur Ismail. Master Of Public Health. Universiti Malaya. 2008.
27. Vijayan a/l Kannan. Master Of Public Health. Universiti Malaya. 2008.
28. Noraliza Zabari. Master Of Public Health. Universiti Malaya. 2008.
29. Asnida Binti Anjang Ab Rahman. Master Of Public Health. Universiti Malaya. 2007.

30. Khalid Mohamed Adam Tahir. Master Of Public Health. Universiti Malaya. 2007.
31. Heitham Mohammed Ibrahim Awadallah. Master Of Public Health. Universiti Malaya. 2007.
32. Umar Yagoub Mohammad. Master Of Public Health. Universiti Malaya. 2006.
33. Suzaida binti Abdul Wahab. Master Of Public Health. Universiti Malaya. 2006.

8.3 Master of Public Health (4-year clinical program)

1. Harishah Talib. Master of Public Health (4-year clinical program), Universiti Malaya, 2008. Hypertension as a risk factor for primary open angle glaucoma among patients attending ophthalmology clinic at UMMC.
2. Norli binti Abdul Jabbar. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
3. Siti Rohana bt. Saad. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
4. Dr Ariza Zainudin. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
5. Dr Maslinor binti Ismail. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
6. Dr Nik Nairan binti Abdullah. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
7. Dr Sunita bt. Abdul Rahman. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
8. Dr. Rohana binti Johan. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
9. Dr. Shahril Azian bin Masrom. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.
10. Dr. Rafidah binti Abd. Latif. Master of Public Health (4-year clinical program), Universiti Malaya, 2009.

8.4 Master Of Medical Science (Public Health)

1. Samsiah Awang. Master Of Medical Science (Public Health). Universiti Malaya. 2009.
2. Osman Adam Osman Ali. Master Of Medical Science (Public Health). Universiti Malaya. 2007. Prevalence of diarrheal disease in children under five years in Abu Shook Internal Displace People (IDPs) camp North Darfour State Sudan.
3. Tariq Mohamed Sulaiman Al Sabahi Oman. Master Of Medical Science (Public Health). Universiti Malaya. 2006. The knowledge attitude and practice of female genital mutilation amongst civil servants working in the Nizwa Citty Secretariat

8.5 Master of Medical Science

1. Muhammad Navid Bin Mohamad Sithik. Master Of Medical Science. Universiti Malaya. S2100668/1. 2024. The prevalence of erectile dysfunction and its association with cardiovascular disease amongst Malaysians with type 2 diabetes in primary care.

8.6 International Elective Students

1. Ethan Fang. MD/MPH Student. May – August 2018. School of Public Health. The University of Texas Health Science Center at Houston.

9. TEACHING

- Advanced Data Analysis (MWA8037). Lead Instructor, Doctoral, Universiti Malaya, 2024/2025-2, 3 credit hours.
- Concepts and Methods in Causal Inferences (MQH7004).Lead Instructor, Master of Epidemiology, Universiti Malaya, 2024/2025-2, 3 credit hours.
- Nutritional Epidemiology (MQH7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Errors. Master of Epidemiology, Universiti Malaya, 2024/2025-2, 4 lecture hours.
- Global Health (MQB7042). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2024/2025-2. 2 lecture hours

- Nutritional Epidemiology (MQB7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Errors. Master of Public Health, Universiti Malaya, 2024/2025-2. 4 lecture hours
- Advanced Data Analysis (MWA8037). Lead Instructor, Doctoral, Universiti Malaya, 2023/2024-2, 3 credit hours.
- Global Health (MQB7042). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2023/2024-1. 2 lecture hours
- Nutritional Epidemiology (MQB7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Errors. Master of Public Health, Universiti Malaya, 2023/2024-2. 4 lecture hours
- Nutritional Epidemiology (MQH7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Error. Master of Epidemiology, Universiti Malaya, 2022/2023-2, 4 lecture hours.
- Nutritional Epidemiology (MQB7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Errors. Master of Public Health, Universiti Malaya, 2022/2023-2. 4 lecture hours
- Concepts and Methods in Causal Inferences (MQH7004).Lead Instructor, Master of Epidemiology, Universiti Malaya, 2022/2023-1, 3 credit hours.
- Global Health (MQB7031). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2022/2023-1. 2 lecture hours
- Essentials of Epidemiology in Public Health (MWA8004). Lead Instructor, Doctoral, Universiti Malaya, 2021/2022-1, 3 credit hours.
- Analysis of rates and proportions (MWA8028). Lead Instructor, Doctoral, Universiti Malaya, 2021/2022-2, 3 credit hours.
- Global Health (MQB7031). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2021/2022-2. 2 lecture hours
- Analysis of rates and proportions (MWA8028). Lead Instructor, Doctoral, Universiti Malaya, 2020/2021-2, 3 credit hours.
- Nutritional Epidemiology (MQB7040). Instructor – Data analysis and Data presentation in Nutritional Epidemiology, and Measurement Errors. Master of Public Health, Universiti Malaya, 2020/2021-2. 4 lecture hours
- Global Health (MQB7031). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2020/2021-2. 2 lecture hours
- Essentials of Epidemiology in Public Health (MWA8004). Lead Instructor, Doctoral, Universiti Malaya, 2019/2020-1, 3 credit hours.

- Analysis of rates and proportions (MWA8028). Lead Instructor, Doctoral, Universiti Malaya, 2019/2020-2, 3 credit hours.
- Global Health (MQB7031). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2019/2020-2. 2 lecture hours
- Essentials of Epidemiology in Public Health (MWA8004). Lead Instructor, Doctoral, Universiti Malaya, 2018/2019-1, 3 credit hours.
- Global Health (MQB7031). Instructor - Global epidemic of lifestyle related diseases, Master of Public Health, Universiti Malaya, 2018/2019-2. 2 lecture hours
- Principles of Biostatistics (MOGB6109). Lead Instructor, Master, Universiti Malaya, 2017/2018-1, 6 lecture hours.
- Essentials of Epidemiology in Public Health (MWA8004). Lead Instructor, Doctoral, Universiti Malaya, 2017/2018-1, 3 credit hours.
- Analysis of rates and proportions (MOGB6302 & MOHX7322). Lead Instructor, Doctoral, Universiti Malaya, 2016/2017-2, 3 credit hours.
- Principles of Biostatistics (MOGB6109). Instructor, Master, Universiti Malaya, 2016/2017-1, 3 lecture hours.
- Epidemiology of Non-Communicable Diseases (MWA8027). Instructor, Doctoral, Universiti Malaya, 2016/2017-1, 3 lecture hours.
- Essentials of Epidemiology in Public Health (MWA8004). Lead Instructor, Doctoral, Universiti Malaya, 2016/2017-1, 3 credit hours.
- Analysis of rates and proportions (MOGB6302 & MOHX7322). Instructor, postgraduate level, Universiti Malaya, 2015/2016-2, 3 credit hours.
- Research Methodology for Research Mode Programmes (MXGZ6101). Instructor, postgraduate level, Universiti Malaya, 2015/2016-2, 6 hours.
- Epidemiology of Non-Communicable Diseases (MOHX7321). Instructor, postgraduate, Universiti Malaya, 2015/2016-2, 6 hours.
- Seminar on STDs Investigation, management & contact tracing (Endocrine, Nutrition and Sexual Health Block). Instructor, MBBS, Universiti Malaya, 2015/2016-2, 3 hours
- Frequency and Population Medicine Perspectives (CVD Block). Instructor, MBBS, Universiti Malaya, 2015/2016-2, 4 hours
- Outbreak management of Foodborne Disease in Malaysia (Gastroenterology & Nutrition). Instructor, MBBS, Universiti Malaya, 2015/2016-2, 4 hours

- Research Methodology for Research Mode Programmes (MXGZ6101). Instructor, postgraduate level, Universiti Malaya, 2015/2016-1, 6 hours.
- Principles of Biostatistics (MOGB6109). Lead instructor, postgraduate level, Universiti Malaya, 2015/2016-1, 3 credit hours
- Epidemiology of Diseases in Malaysia (MOGB6301). Instructor, postgraduate level, Universiti Malaya, 2015/2016, 3 hours.
- Community Residency Program. Co-instructor & supervisor, MBBS, Universiti Malaya, 2014/2015-2, 160 hours.
- Organization and Management of Health Services Program. Co-instructor & supervisor, MBBS, Universiti Malaya, 2014/2015-2, 40 hours.
- Research Protocol Development (MOHX 7101). Instructor, postgraduate level, Universiti Malaya, 2014/2015, 6 hours.
- Principles and Methods of Epidemiology (MOGB 6107). Instructor, postgraduate level, Universiti Malaya, 2014/2015-1, 6 hours.
- Epidemiology of Non-Communicable Diseases (MOHX7321). Instructor, postgraduate, Universiti Malaya, 2014/2015-2, 6 hours.
- Research Methodology for Research Mode Programmes (MXGZ6101). Instructor, postgraduate level, Universiti Malaya, 2014/2015-2, 8 hours.
- Research Methodology (MOGB 6108). Instructor, postgraduate level, Universiti Malaya, 2014/2015-1, 3 hours.
- Principles of Biostatistics (MOGB 6109). Instructor, postgraduate level, Universiti Malaya, 2014/2015, 18 hours.
- Clinical Epidemiology (MOHX 7319). Instructor, postgraduate level, Universiti Malaya, 2014/2015-2, 6 hours.
- Problem Based Learning (PBL Gastroenterology Block). Tutor, MBBS, Universiti Malaya, 2014/2015, 12 hours.
- Problem Based Learning (PBL Endocrine Block). Tutor, MBBS, Universiti Malaya, 2014/2015, 18 hours.
- Problem Based Learning (PBL Gastroenterology Block). Tutor, MBBS, Universiti Malaya, 2013/2014, 12 hours.
- Public Health Surveillance (340.770), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2013/2014, 5 credit hours

- Professional Epidemiology Methods 2 (340.769), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2013/2014, 4 credit hours
- Observational Epidemiology (340.608), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2013/2014, 4 credit hours
- Principles of Epidemiology (340.601), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2013/2014, 5 credit hours
- Design and Conduct of Clinical Trials (Epidemiology 340.613.11), Teaching assistant at Graduate Summer Institute of Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health, 2013/2014, 2 credit hours
- Professional Epidemiology Methods 2 (340.764), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2012/2013, 4 credit hours
- Principles of Epidemiology (340.601), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2012/2013 Summer session, 5 credit hours
- Professional Epidemiology Methods 2 (340.764), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2011/2012, 4 credit hours
- Epidemiologic Methods 2 (340.752), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2011/2012, 5 credit hours
- Principles of Epidemiology (340.601), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2011/2012, 5 credit hours
- Epidemiologic Methods For Planning And Evaluating Health Services (340.638.11) , Teaching assistant at Johns Hopkins Bloomberg School of Public Health, Graduate Summer Institute of Epidemiology and Biostatistics, 2011, 2 credit hours
- Principles of Epidemiology (340.601), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2011/2012 Summer session, 5 credit hours
- Principles of Epidemiology (340.601), Teaching assistant at Johns Hopkins Bloomberg School of Public Health, 2010/2011, 5 credit hours
- Critical Readings And Special Topics In Epidemiology, Postgraduate class at Universiti Malaya, 2008/2009, 42 hours
- Principles Of Biostatistics, Postgraduate class at Universiti Malaya, 2008/2009, 12 hours
- Introduction To Meta-Analysis, Postgraduate class at Universiti Malaya, 2008/2009, 30 hours
- Research Methodology, Postgraduate class at Universiti Malaya, 2008/2009, 21 hours

- Foundation Of Biostatistics, Postgraduate class at Universiti Malaya, 2007/2008, 38 hours
- Non-Ionising Radiation In Medicine, Postgraduate class at Universiti Malaya, 2007/2008, 3 hours
- Statistical Computing With SPSS, Postgraduate class at Universiti Malaya, 2007/2008, 8 hours
- Biostatistics, 2007/2008, Postgraduate class at Universiti Malaya, 8 hours
- Systematic Review And Meta-Analysis, Postgraduate class at Universiti Malaya, 2007/2008, 18 hours
- Survival Analysis, Postgraduate class at Universiti Malaya, 2007/2008, 10 hours
- Computer Applications To Public Health, Postgraduate class at Universiti Malaya, 2007/2008, 2 hours
- Mph Yr 2 Research Proposal Development For Epidemiological Studies, Postgraduate class at Universiti Malaya, 2007/2008, 30 hours
- Mph Yr 1 Research Methods, Postgraduate class at Universiti Malaya, 2007/2008, 2 hours
- Biostatistics For Master Of Clinical Oncology, Postgraduate class at Universiti Malaya, 2006/2007, 22 hours
- Foundation Of Biostatistics, Postgraduate class at Universiti Malaya, 2006/2007, 32.5 hours
- Mph Yr 1 Research Methods, Postgraduate class at Universiti Malaya, 2006/2007, 1.5 hours
- Biostatistics, Postgraduate class at Universiti Malaya, 2006/2007, 12 hours
- Mph Yr 2 Research Proposal Development For Epidemiological Studies, Postgraduate class at Universiti Malaya, 2006/2007, 8.5 hours
- Introduction To Stata, Postgraduate class at Universiti Malaya, 2006/2007, 6 hours
- Introduction To Stata, Postgraduate class at Universiti Malaya, 2006/2007, 3 hours
- Systematic Review And Meta-Analysis, Postgraduate class at Universiti Malaya, 2006/2007, 12 hours
- International Classification Of Diseases, MBBS teaching at Universiti Malaya, 2008/2009(1), 3 hours

- Epidemiology Of Specific Diseases, MBBS teaching at Universiti Malaya, 2008/2009(1), 2 hours
- DPHS/SPM module on Epidemiology & Statistics, MBBS teaching at Universiti Malaya, 2008/2009(1), 16 hours
- DPHS/SPM module on Epidemiology & Statistics, MBBS teaching at Universiti Malaya, 2007/2008(1), 23 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2007/2008(2), 2 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2007/2008(2), 224 hours
- Nursing Research & Statistics, MBBS teaching at Universiti Malaya, 2007/2008(1), 4 hours
- DPHS/SPM module on Epidemiology & Statistics, MBBS teaching at Universiti Malaya, 2006/2007(2), 23 hours
- Nursing Research & Statistics, MBBS teaching at Universiti Malaya, 2006/2007(1), 2 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2006/2007 (2), 2 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2006/2007 (2), 224 hours
- Introduction course In Biostatistics, MBBS teaching at Universiti Malaya, 2006/2007(2), 14 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2005/2006(2), 224 hours
- Community Residence Program, MBBS teaching at Universiti Malaya, 2005/2006(2), 2 hours
- Oncology Nursing Sciences, MBBS teaching at Universiti Malaya, 2008/2009(1), 2 hours

10. RESEARCH PROJECTS

10.1 Principal Investigator

1. Strengthening the Regional Training Centre (RTC) in the WHO Western Pacific Region (WPR). **Principal Investigator (PI)**. 2025. RM 358,533.32. Funded by the Special Programme for Research and Training in Tropical Diseases (TDR).
2. Epidemiological Trends, and Burden of Influenza Infection and other Respiratory Pathogens among Children and Adults at Ara Damansara Medical Centre (ADMC). **Principal Investigator (PI)** through UMConsult. 2023-2025. RM53,130. Funded by Ara Damansara Medical Centre Sdn Bhd.
3. Development of Regional Training Centre (RTC) in the WHO Western Pacific Region (WPR). **Principal Investigator (PI)**. 2020-2022. RM 306,356.46. Funded by the Special Programme for Research and Training in Tropical Diseases (TDR). UM reference: IF018-2021.
4. Using Big Data to Improve Population Health and Resource Allocation For People With Diabetes In Malaysia. **Principal Investigator (PI)**. 2020 – 2022. Funded by UK Malaysia Joint Partnership on NCD 2019 by the Higher Education department, Ministry of Education Malaysia (through the Malaysia Partnership and Alliances in Research (MyPAIR)) and Medical Research Council UK. UM reference: IF076-2019. RM 1,129,700.
5. Development of A Clinical Prognostic Model for Dengue hemorrhagic fever. **Principal Investigator (PI)**. Project Grant RG075-09HTM of RM 149,210 from 9/2/2015 to 8/8/2018.
6. Ecological approach towards a healthy campus. Enabling the Environment. **Principal Investigator (PI)**. Project Grant RU009D-2014 of RM 300,000 from 2/1/2015 to 31/12/2016.
7. Dengue severity and Diabetes Mellitus in a prospective cohort study among adults in primary health clinics. **Principal Investigator (PI)**. Project Grant PG163-2015B. RM 24,000 from 4/4/2016 to 4/4/2019.
8. The Association between changes of Body Adiposity and changes in Metabolic Syndrome Components: A longitudinal cohort study among Adolescents in Malaysia. **Principal Investigator (PI)**. Project Grant PG176-2015B. RM 12,000 from 5/4/2016 to 5/4/2019.
9. Factors Associated With Level Of Social Competency Among Adolescents In Malaysia. A Cross Sectional Study among The Myheart Cohort. **Principal Investigator (PI)**. Project Grant PG231-2015B. RM 8,000 from 11/4/2016 to 11/4/2019.
10. Association of candidate genes predisposing to obesity in Malaysian subjects, RG075/09HTM. **Co-Principal Investigator (Co-PI)**. Project Grant of RM 150,000 from 2009 to 2011

11. Influence of lifetime occupation on muscle strength and functional ability. **Co-Principal Investigator (Co-PI)**. Project Grant of RM 51,700 from 2008 to 2009.

10.2 Co-Investigator

1. Ethics and Governance of Artificial Intelligence (AI) in Healthcare in Malaysia. **Co-Investigator (Co-I)**. 2024-2026. RM41,000. Funded by Universiti Malaya (UMG013C-2024).
2. Implementation Research On Growth Monitoring And Promotion Programme Among Children Under 5 In Malaysia. **Co-Investigator (Co-I)**. 2024-2026. Funded by United Nations Children Fund (IF031-2024). RM 238,951.60
3. Improving Dengue Severity Prognostication Using Artificial Intelligence ? The Desprog Study. **Co-Investigator (Co-I)**. 2020-2023. Funded by Universiti Malaya (IIRG002C-2020HWB). RM 80,840.66
4. Kajian Analisis Dan Unjuran Epidemiologi Covid-19. **Co-Investigator (Co-I)**. 2020-2023. Funded by KKM-MOSTI-COVID19 (GA006-2020). RM 298,668.
5. Improving Access to Breast Cancer Early Diagnosis Pathway for Urban B40 Women In Selangor. **Co-Investigator (Co-I)**. 2019-2023, Others MOHE - Top 100 (IIRG)-HWB. RM 67,791.66.
6. Developing A Breast Cancer Awareness Psychoeducational Tool in Malaysian Women To Improve Health Literacy And Early Detection. **Co-Investigator (Co-I)**. 2019 – 2020. Funded by Ministry of Higher Education Research University Funding (RU014-2018G). RM 24,000.
7. Elucidating the interaction between Blastocystis sp. and microbial diversity to study its effect on healthy individuals and patients with different stages of colorectal cancer. **Co-Investigator (Co-I)**. 2019-2023. Funded by Mnistry of Higher Education Malaysia (TRGS/1/2018/UM/01/7/1). RM 219,800.
8. Study on the Sustainable Diet and its Feasibility Among the Multi-ethnic Population In Malaysia. **Co-Investigator (Co-I)**. 2017-2020. Funded by Ministry of Higher Education Research University Funding (RP051A-17HTM). RM 83,050.
9. Spatio-Temporal Disease Modelling and Meta-analysis (STeMM). **Co-Investigator (Co-I)**. Project Grant of RM 3,600,000 from 2011 to 2016.
10. Clustering of Lifestyle risk factors and Understanding its association with Stress on health and wellbeing among school Teachers in Malaysia – The CLUSTER cohort. **Co-Investigator (Co-I)**. Project Grant of RM 1,501,000 from 2013 to 2015.

11. Retrospective cohort study of healthy populations with regular health check-up at single hospital - Kangbuk Samsung Health Study Cohort, Kangbuk Samsung Hospital, Seoul, South Korea. **Co-Investigator (Co-I)**. 2010 – 2015.
12. Investigation of the association between cardiovascular risk factors and colorectal adenoma in a Colonoscopy screening cohort at Samsung Medical Center, Seoul, South Korea. **Co-Investigator (Co-I)**. 2011 – 2015.
13. The association between dietary fat and cardiovascular disease in the Atherosclerosis Risk in Communities, USA. **Co-Investigator (Co-I)**. 2012 – 2015.
14. Evaluation of diagnostic testing and outcomes in metastatic NSCLC patients having EGFR mutation, Samsung Metastatic NSCLC Cohort Study. **Co-Investigator (Co-I)** (Data management & biostatistics), 2011-2013.
15. Samsung Korean Medical Records Study of patients with two major cancers: Lung and Colorectal cancer (SKMRS-LC). **Co-Investigator (Co-I)** (Data management & biostatistics), 2011-2014.
16. Primary Prevention of Chronic Diseases in Worksite, FS193/2008B. **Co-Investigator (Co-I)**. Project Grant of RM 97,300 from 2008 to 2009.
17. Assessment of children and families affected by HIV/AIDS. **Co-Investigator (Co-I)**. UNICEF Grant of RM 200,000 from 2008 to 2008.
18. Prevention of Chronic Diseases at worksite. **Co-Investigator (Co-I)**. Project Grant of RM 50,000 from 2007 to 2009
19. Pain outcome in laparoscopic cholecystectomy the use of preemptive local anaesthetic infiltration against post incisional local anaesthetic infiltration. A randomized controlled trial. **Co-Investigator (Co-I)** from 2006 to 2008
20. National Health Morbidity Survey III. Questionnaire Development Group, **Co-Investigator (Co-I)** and biostatistician in the Hypertension and Hypercholesterolemia group, Project Grant by Ministry of Health Malaysia from 2005 to 2008.
21. Novel methods of risk identification, stratification and behavioral intervention for HIV/AIDS and CVD prevention. **Co-Investigator (Co-I)**. Project Grant from Ministry of Science, Technology and Innovation (MOSTI-IRPA) from 2004 to 2009.

11. ACADEMIC SERVICE

10.1 Faculty of Medicine, Universiti Malaya

- Sept 2021 – March 2025. Deputy Dean (Research), Faculty of Medicine, Universiti Malaya
- Aug 2016 – Feb 2021. Head, Department of Social & Preventive Medicine, Faculty of Medicine, Universiti Malaya, Malaysia. Administrative Sabbatical from December 2019 to August 2020.
- Aug 2016 – Nov 2019. Head, Public Health Department, Universiti Malaya Medical Centre University of Malaya, Malaysia
- 2014-2017. Head, Julius Center University Malaya (Centre for Clinical Epidemiology and Evidence Based Medicine)
- 2007-2009. Head of Epidemiology and Biostatistics Unit at the Department of Social and Preventive Medicine
- 2009-present. Faculty member, Julius Center University Malaya (Centre for Clinical Epidemiology and Evidence Based Medicine)
- Community Residency Programme Coordinator. MBBS Phase III CRP Coordinator - 2008 & 2009.
- Academic Adviser at First Degree Level. MBBS Phase II. 10 students. 2006/2007.

12. CONFERENCES AND PRESENTATIONS

Last updated in 2016

1. NIH Research Week 2016. 19-23 November 2016. Poster Judge. Organized by National Institute of Health and Ministry of Health Malaysia.
2. Basic Statistical Analysis Workshop (Clinical Research Data Analysis 1). 29-30 March 2016. Speaker. Organized by the Julius Centre University of Malaya, SPM Department, Faculty of Medicine, Universiti Malaya.
3. Diagnostic Research Workshop. Speaker. 6-7 April 2016. Organized by the Julius Centre University of Malaya, SPM Department, Faculty of Medicine, Universiti Malaya.
4. Symposium on Evidence Based Practice. Speaker. 27 April 2016. Organized by the Julius Centre University of Malaya, SPM Department, Faculty of Medicine, Universiti Malaya.

5. Introduction to Stata Workshop. Speaker. 21 July 2016. Organized by the Julius Centre University of Malaya, SPM department, Faculty of Medicine, Universiti Malaya.
6. Introduction to Stata Workshop. Speaker. 6 Sept 2016. Organized by the Julius Centre University of Malaya, SPM Department, Faculty of Medicine, Universiti Malaya.
7. Workshop on Utilisation of Biomarker/Clinical Data for Cancer Patients Survival Analysis. Speaker. 15-16 Nov 2016. Organized by the Julius Centre University of Malaya, SPM Department, Faculty of Medicine, Universiti Malaya.
8. Workshop Introduction to Data Management and Basic Statistical Analysis Using STATA. 14-15 December 2015. Speaker on Basic statistical analysis - descriptive statistics, comparison of two means, >2 means, 2 or more proportions, correlation and Linear regression. Organized by Julius Centre University of Malaya.
9. Workshop on Regression Models. 16-17 November 2015. Organizing Committee. Organized by Julius Centre University of Malaya.
10. An Introduction to Mathematical Modelling of Infectious Diseases. 7-8 October 2015. Organizing Committee. Organized by Julius Centre University of Malaya.
11. National CRC Network CPD Seminar Series. 1 October 2015. Speaker on Primer on Epidemiology & Biostatistics. Organized by Clinical Research Centre, Ministry Of Health Malaysia
12. Workshop 1: Stata-Data Management. 29-30 September 2015. Speaker on Introduction to Data Management. Organized by Julius Centre University of Malaya.
13. Workshop on Bayesian Networks for Disease Modelling. 9-10 October 2015. Organizing Committee. Organized by Julius Centre University of Malaya.
14. 4th Asia Pacific Conference on Public Health 2015. 7-9 September 2015. Organizing committee and speaker on Selection and missingness as threats to causal inference in longitudinal community based NCD research. Organized by College Of Public Health Medicine, Academy Of Medicine Malaysia.
15. Meeting on Disease registry data to improve healthcare and clinical effectiveness. 26 August 2015. Speaker on Disease registry data and clinical effectiveness. Organized by Clinical Research Center, Ministry Of Health Malaysia.
16. Seminar on Systematic Review and Meta-analysis. 24 August 2015. Speaker on Introduction to EBM. Organized by Julius Centre University of Malaya.

17. Workshop on Developing a Protocol for Cochrane Systematic Review. 24-27 August 2015. Organizing Committee. Organized by Julius Centre University of Malaya.
18. Workshop on Quantitative Research Methods Introductory Course. 10-12 February 2015. Faculty of Medicine, Universiti Malaya. Speaker on Logistic Regression, Survival Analysis, Diagnostic Research, and Interventional Research. Organized by Research Management Centre, Faculty of Medicine, Universiti Malaya.
19. Workshop on Disease registry data to improve healthcare and clinical effectiveness. 26 August 2015. Cititel, Mid Valley, KL. Speaker on "Registry data to improve healthcare and clinical effectiveness". Organized by Clinical Research Centre, Ministry of Health Malaysia.
20. American Heart Association EPI/Lifestyle 2015 Scientific Sessions. Poster presentation. 3-6 March 2015. Baltimore, MD, USA. Poster presentation. Western dietary patterns are associated with the prevalence of hypertension in South Korea- The Kangbuk Samsung Health Study. Organized by American Heart Association.
21. 1st value and cost effectiveness in cancer seminar. 23-24 November 2014. Invited speaker for "Evidence Based Medicine and Meta Analysis". Organized by the Malaysian Pharmaceutical Services Division In Collaboration with The National Cancer Institute Malaysia.
22. International Statistical Institute Regional Statistics Conference 2014 - Statistical Science for a Better Tomorrow. 16-19 Nov 2014. Invited speaker on "Challenges of missing data when using secondary data for causal inferences". Organized by International Statistical Institute South East Regional Network.
23. 46th APACPH Annual Conference – Evolution of Public health in the Asia Pacific Region. Organizing Committee. 17-19 Oct 2014. Organized by Asia Pacific Academic Consortium for Public Health.
24. 46th APACPH Annual Conference – Evolution of Public health in the Asia Pacific Region. Pre-conference speaker. 16 Oct 2014. Organized by Asia Pacific Academic Consortium for Public Health.
25. Workshop on Spatial Analysis Technology for Improving Services. Participant. 17 Sept 2014. Organized by Faculty of Dentistry, University of Malaya.
26. 1st Asia Pacific Conference on Health Policy and Planning in an Era of Emerging Technologies and Cancer. Organizing Committee. 17-18 Nov-08. Organized by the College of Public Health Medicine, Academy of Medicine of Malaysia and Ministry of Health Malaysia.

27. 5th National Public Health Pre Conference Workshop. Invited Speaker on Regression Analysis. 12-Nov-08. Organized by the Malaysian Society of Public Health Physicians and Ministry of Health Malaysia.
28. 41st APACPH Annual Conference - Global Public Health Challenges. Organizing Committee. 7-9 Nov 2008. Organized by Asia Pacific Academic Consortium for Public Health.
29. Systematic Review and Meta analysis. Organizer and Presented on Searching and Retrieving Literature, Critical Appraisal, Introduction to Meta Analysis. 22-24 Oct 2008. Organized by the SPM department, Faculty of Medicine, Universiti Malaya.
30. National Seminar on Health Technology Assessment. Organizing Committee. 9-10 Oct 2008. Organized by the HTA Section, Medical Development Division, Ministry of Health Malaysia and MaHTAS and College of Public Health Medicine, Academy of Medicine of Malaysia.
31. Recent Trends in Diabetes, Obesity, and Metabolic Syndrome. Poster on Differences in the Prevalence of Diabetes Mellitus in Urban and Rural Malaysia: A Problem of Urbanization. 1-2 Aug 2008. Organized by the Journal of the American Medical Association (JAMA) and the National University Health System, Singapore.
32. 42nd Malaysia-Singapore Congress of Medicine, Pre Congress Workshop. Invited Speaker on Introduction To Critical Appraisal, Statistics For Clinicians - An Overview and Rapid Critical Appraisal. 31 Jul 2008. Organized by Academy of Medicine of Malaysia.
33. Good Clinical Practice Workshop. Invited Speaker on Investigator's Responsibility, Study Coordinator, Essential Documents, Archiving. 17 Jul 2008. Organized by Clinical Research Centre Hospital Sultanah Aminah, Johor Bharu.
34. Stata Workshop. Invited Speaker on Inferential Analysis And Analyzing Data. 10-11 Jul 2008. Organized by Institute of Health System Research, Ministry of Health Malaysia.
35. MERDU SPSS analysis workshop. Invited Speaker on Analyzing Clinical Research Data & Introduction to Diagnostic Testing. 25 Jun 2008. Organized by MERDU, Faculty of Medicine, Universiti Malaya.
36. Good Clinical Practice Workshop. Invited Speaker on Clinical Trial Design, Protocol Development, Investigator's Responsibility, IP, Essential Documents And Archiving. 24-26 Jun 2008. Organized by Clinical Investigative Centre, University Malaya Medical Centre.

37. Good Clinical Practice Workshop. Invited Speaker on Investigator's Responsibility, SC, Essential Documents, Archiving. 26 May 2008. Organized by the Clinical Research Center, Sarawak General Hospital.
38. Asia Europe Clinical Epidemiology and Evidence-Based Medicine Programme - Practice of Evidence Based Medicine. Organizing Committee and Tutor. 14-16 Apr 2008. Organized by the University of Malaya and Centre of Evidence Based Medicine, University of Oxford.
39. 2nd National Pediatric Research Conference. Invited Speaker on Study Design: A Clinician's Perspective. 28 Mar 08. Organized by the College of Pediatrics, Academy of Medicine of Malaysia.
40. Biostatistics for Clinicians. Invited Speaker on One Way ANOVA. 26-Mar-08. Organized by the Clinical Investigation Centre (CIC), University Malaya Medical Centre.
41. Course on Survival Analysis in medical research. Sole Faculty. 14-15 Feb 2008. Organized by the Department of Social and Preventive Medicine, Faculty of Medicine, Universiti Malaya.
42. Biostatistics for Clinicians. Invited Speaker on Probability Distributions and One Way ANOVA. 30 Jan 2008. Organized by CIC, University Malaya Medical Centre.
43. Research Methods: Introductory Course. Invited Speaker on Sampling Techniques & Sample Size Estimation, Descriptive Statistics And Good Clinical Practice. 15-17 Jan 2008. Organized by the Health Research Development Unit, Faculty of Medicine, Universiti Malaya.
44. Systematic Review Workshop. Invited Speaker on Meta Analysis. 13 Dec 2007. Organized by the Institute of Health Systems Research, Ministry of Health Malaysia.
45. Good Clinical Practice Workshop. Invited Speaker on Clinical Trial Design, Protocol Development, Investigator's Responsibility, IP, Essential Documents And Archiving. 11-12 Dec 2007. Organized by the CIC, University Malaya Medical Centre.
46. How To Do A Clinical Trial On Your Own. Invited Speaker on Clinical Trials In UMMC. 5 Dec 2007. Organized by the CIC, University Malaya Medical Centre.
47. Asia Europe Clinical Epidemiology and Evidence-Based Medicine Programme, "Advance Diagnostic Research: Theory and Practice". Organizing Committee and Facilitator. 20-22 Nov 2007. Organized by the Julius Centre, University Medical Centre Utrecht, the Netherlands and Faculty of Medicine, Universiti Malaya.

48. National Heart Institute Research Day 3 Aug 2007. Invited Judge for Scientific presentations. Organized by the National Heart Institute of Malaysia.
49. Good Clinical Practice Workshop. Invited Speaker on Clinical Trial Design, Protocol Development, Investigator's Responsibility, IP, Essential Documents and Archiving. 23 May 2007. Organized by the Universiti Putra Malaysia.
50. Good Clinical Practice Workshop. Invited Speaker on Clinical Trial Design, Protocol Development, Investigator's Responsibility, IP, Essential Documents And Archiving. 3-5 May 2007. Organized by the CIC, University Malaya Medical Centre.
51. 2nd Asia Pacific Conference on Public Health. Secretary of the Main Organizing and Scientific Committee. 2 – 5 May 2007. Organized by the College of Public Health Medicine, Academy of Medicine of Malaysia, Universiti Putra Malaysia and Ministry of Health Malaysia.
52. Choosing the Correct Study Design. Invited Speaker on Diagnostic Research, Prevalence Studies and Interventional Studies. 16 Mar 2007. Organized by the Academy of Family Physician Malaysia.
53. SPSS Hands-On Workshop. Invited Speaker on Categorical Data Analyses, Regression and Correlation. 6-8 Mar 2007. The Nursing Research Steering Group of University Malaya Medical Centre.
54. Malaysian National Cancer Registry Report Writing Expert Meeting. Facilitator. 2 – 4 Mar 2007. Organized by the National Cancer Registry of Malaysia.
55. Research Methodology and Biostatistics Workshop. Invited Speaker on Descriptive Statistics, Correlation & Linear Regression, Logistic Regression, Analysis Of Diagnostic Research. 9-12 Jan 2007. Organized by the Malaysian Society of Anesthesiologists and Ministry of Health Malaysia.
56. Regional Evidence-based Medicine Workshop: Clinical Epidemiology as a Tool for Evidence-based Practice. Organizing Committee and Facilitator. 11-14 Dec 2006. Organized by the Ministry of Health Malaysia, University of Malaya and Julius Centre, University Medical Centre Utrecht, Netherlands.
57. Foundations of Research Methods. Invited Speaker on Experimental Study, Study Population, Sampling, Sample Size Estimation, Overview Of Statistical Methods, and Introduction to SPSS. 22-24 Nov 2006. Organized by the Malaysian Armed Forces Hospital, Lumut.
58. Pre Conference Workshop for the 9th NIH Scientific Meeting: Towards better health: GRIPP. Invited Speaker on Analyzing Data With Stata: An Introduction. 18 Sep 2006. Organized by the Ministry of Health Malaysia.
59. Research Methods: Introductory Course. Invited Speaker on Overview Of Statistical Methods, Sampling Techniques & Sample Size Estimation, Data

- Management & Processing, Good Clinical Practice. 13-15 Sep 2006. Organized by the Health Research Development Unit, Faculty of Medicine, Universiti Malaya.
60. The IEA-EEF European Congress of Epidemiology 2006: Epidemiology and Health Care Practice. Participant. 28 Jun – 1 Jul 2006. Organized by the International Epidemiology Association-European Epidemiology Federation (IEA-EEF).
 61. Annual Scientific Meeting College of Surgeons, Academy of Malaysia (AMM). Invited Speaker on Retrospective Studies - Do's and Don'ts. 23-25 Jun 2006.
 62. Malaysian National Cancer Registry Expert Panel Review and Coding Meeting. Facilitator. 9-11 Jun 2006. Organized by the National Cancer Registry of Malaysia.
 63. Systematic Review for Evidence Based CPG Development. Facilitator. 27-29 Mar 2006. Organized by the Ministry of Health Malaysia.
 64. Foundations of Research Methods Workshop in Melaka. Invited Speaker on Introduction To Data Management Using SPSS, Sample Size Calculation, Analysis Of Diagnostic Research, Correlation And Linear Regression and Introduction to Survival Analysis. 6-9 Mar 2006. Organized by Hospital Melaka, Ministry of Health Malaysia.
 65. Research Methods and Biostatistics Introductory course. Invited Speaker on Analysis Of Diagnostic Test Accuracy And Agreement. 16 Feb 2006. Organized by the Association of Clinical Registries Malaysia.
 66. Malaysian National Cancer Registry Report Writing Workshop. Organizing Committee and Facilitator. 16-17 Dec 2005. National Cancer Registry.
 67. Foundations of Research Methods Workshop. Invited Speaker on Study Population, Sampling & Sample Size Estimation, Introduction To SPSS, Descriptive Analysis, and Analyzing Data Using SPSS 15-17 Dec 2005. Organized by the Malaysian Armed Forces Hospital, Lumut.
 68. Evidence-based Medicine Workshop: Clinical Epidemiology as a Tool for Evidence-Based Practice. Organizing Committee and Tutor. 25-27 Nov 2005. Organized by the Ministry of Health, University of Malaya, University Medical Centre Utrecht, Netherlands.
 69. Research Methods Workshop. Invited Speaker on Study Population and Sample Size Calculation, Descriptive Analysis And Inferential Analysis. 15-16 Aug 2005. Organized by the Ophthalmology Services of the Ministry of Health Malaysia.

70. Malaysian National Cancer Registry Expert Panel Review and Coding Meeting. Invited Speaker on Review Of Cancer Classification And Coding. 28-31 Jul 2005. Organized by the National Cancer Registry of Malaysia.
71. Research Method Course. Invited Speaker on Descriptive Statistics. 27 Jul 2005. Organized by the Health Research Development Unit, Faculty of Medicine, Universiti Malaya.
72. 4th National Public Health Conference. Participant. 15 – 17 Mar 2005. Organized by the Malaysian Society of Public Health Physicians and Ministry of Health Malaysia.
73. Clinical Trial Methods and Good Clinical Practice(GCP) workshop. Invited Speaker on Study Population and Sample Size Calculation, Blinding, Randomization, Descriptive Analysis and Analysis Of Clinical Trial Data. 21-25 Feb 2005. Organized by the Clinical Epidemiology Unit of Aga Khan University and INCLEN (International Clinical Epidemiology Network) Trust International.

13. Advocacy and engagement

I have given a total of:

	TV Interview	Radio Interview	Mass media article/write-up	Mass media Interview
2019	-	2	-	-
2020	2	7	15	38
2021	6	13	10	47
2022	1	3	4	9
2023	4	-	-	11
2024	-	-	-	3
Total	13	25	29	108

a. TV Interview

- 1) COVID-19 Forging a New Normal. 6 May 2020. The Nation Update. Bernama TV News. **Sanjay Rampal**.
<https://www.facebook.com/BernamaTV/videos/2841811405937808/>
- 2) COVID-19. Mid Day Update, Jessy Chahal (Host). Bernama TV News. 7 October 2020. **Sanjay Rampal** on COVID-19.
<https://www.facebook.com/BernamaTV/videos/1069568486835269/>
- 3) COVID-19. Mid Day Update, Jessy Chahal (Host). 20 April 2021. Bernama TV News. **Sanjay Rampal**.
- 4) COVID-19. Buletin Bernama. Bernama TV News. 21 April 2021. **Sanjay Rampal**.
- 5) The Ticker. 3 June 2021
- 6) Selamat Pagi Malaysia. RTM. 8 June 2021
- 7) COVID-19. Mid Day Update, Gerard Ratnam (Host). Bernama TV News. 12 July 2021. **Sanjay Rampal**.
- 8) Epidemiology and COVID-19 Omicron. Gerard Ratnam (Host). Bernama TV News. 30 December 2021. **Sanjay Rampal**.
- 9) COVID-19. The Brief. Gerard Ratnam (Host). Bernama TV News. 13 July 2022. **Sanjay Rampal**.
- 10) COVID-19. The Brief. Gerard Ratnam (Host). Bernama TV News. 3 January 2023. **Sanjay Rampal**.

- 11) Healthcare workers' health, Smoking, and Vape. The Brief. Gerard Ratnam (Host). Bernama TV News. 7 April 2023. **Sanjay Rampal**.
- 12) Monkeypox. The Brief. Gerard Ratnam (Host). Bernama TV News. 7 September 2023. **Sanjay Rampal**.
- 13) COVID-19. The Brief. Gerard Ratnam (Host). Bernama TV News. 11 December 2023. **Sanjay Rampal**.

b. Radio Interview

- 1) Meera Sivasothy (Host). 2 August 2019. **Sanjay Rampal** on Health & Living discussing "Doctor in the House: How Sick Is Our Population?". BFM Radio.
- 2) Sumitra Selvaraj, Tina Carmillia, Lim Sue Ann (Host). 6 August 2019. **Sanjay Rampal** on The Daily Digest discussing "Nutritional Studies Are Eggsasperating". BFM Radio.
- 3) Kelvin Yee, Hezril Asyraf (Host). 16 March 2020. **Sanjay Rampal** on the Evening Edition discussing "Understanding the rise in COVID-19 cases". BFM Radio. <https://www.bfm.my/podcast/evening-edition/evening-edition/understanding-the-rise-in-covid-19-cases->
- 4) Tee Shiao Eek (Host). 17 March 2020. **Sanjay Rampal** on Health & Living discussing "COVID-19: Looking beyond movement control order". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/health-and-living/covid-19-looking-beyond-movement-control-order>
- 5) Tee Shiao Eek (Host). 9 April 2020. **Sanjay Rampal** on Health & Living discussing "Should We Go Back To Normal After MCO?". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/health-and-living/should-we-go-back-to-normal-after-mco>
- 6) Sharmilla Ganesan, Dashran Yohan (Host). 19 May 2020. **Sanjay Rampal** on the Daily Digest discussing "Why is COVID-19 Hitting Men Harder Than Women?". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/the-daily-digest/why-covid-19-hitting-men-harder-than-women>
- 7) Tee Shiao Eek (Host). 7 August 2020. **Sanjay Rampal** on Health & Living discussing "Doctor in the House: Will We See a Third COVID-19 Wave?". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/health-and-living/doctor-in-the-house-will-we-see-a-third-covid-19-wave>
- 8) Khoo Hsu Chuang, Wong Shou Ning (Host). 15 October 2020. **Sanjay Rampal** on the Morning Brief discussing "Covid-19: More Questions than Answers". BFM Radio. <https://www.bfm.my/podcast/morning-run/morning-brief/covid-19-more-questions-than-answers>
- 9) Juliet Jacobs, Lim Sue Ann (Host). 11 November 2020. **Sanjay Rampal** on The Daily Digest discussing "Breaking Down Pfizer Vaccine's Early

- Results". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/the-daily-digest/breaking-down-pfizer-vaccines-early-results>
- 10) Lee Chwi Lynn, Sharmilla Ganesan (Host). 5 January 2021. **Sanjay Rampal** on the Evening Edition discussing "Gyms Seeing Rise In Covid-19 Cases". BFM Radio. <https://www.bfm.my/podcast/evening-edition/evening-edition/gyms-seeing-rise-in-covid-19-cases>
 - 11) Sharmilla Ganesan (Host). 19 April 2021. **Sanjay Rampal** on the Evening edition discussing "40 Healthcare Workers Infected After Vaccination". BFM Radio. <https://www.bfm.my/podcast/evening-edition/evening-edition/40-healthcare-workers-infected-after-vaccination>
 - 12) Tee Shiao Eek, Lim Sue Ann (Host). 28 April 2021. **Sanjay Rampal** on The Daily Digest discussing "Are We Doing Enough to Curb COVID-19 Cases in Schools?". BFM Radio. <https://www.bfm.my/podcast/the-bigger-picture/the-daily-digest/are-we-doing-enough-to-curb-covid-19-cases-in-schools>
 - 13) Lance Alexander and Melanie Oliveiro (Host). 20 May 2021. **Sanjay Rampal** on "COVID-19 situation in Malaysia". Channel News Asia Radio (CNA 938). <https://www.facebook.com/CNA938/videos/588876802515656/>
 - 14) Lance Alexander and Melanie Oliveiro (Host). 11 June 2021. **Sanjay Rampal** on "COVID-19 situation in Malaysia and the lockdown". Channel News Asia Radio (CNA 938).
 - 15) Lee Chwi Lynn, Sharmilla Ganesan (Host). 17 June 2021. **Sanjay Rampal** on the Evening Edition discussing "Is the 'Herd Immunity' Goal Hopeless?". BFM Radio. <https://www.bfm.my/podcast/evening-edition/evening-edition/is-the-herd-immunity-goal-hopeless>
 - 16) Lee Chwi Lynn, Sharmilla Ganesan (Host). 13 July 2021. **Sanjay Rampal** on the Inside Story discussing "Covid-19: What needs to be done differently". BFM Radio.
 - 17) Lance Alexander and Melanie Oliveiro (Host). 14 July 2021. **Sanjay Rampal** on "COVID-19 lockdown and vaccination". Channel News Asia Radio (CNA 938).
 - 18) Lyn Mak, Noelle Lim, Philip See (Host). 16 July 2021. **Sanjay Rampal** on the Morning Brief discussing "Ventilating out the virus and Greater Klang Valley Task Force". BFM Radio.
 - 19) Lee Chwi Lynn, Sharmilla Ganesan (Host). 2 August 2021. **Sanjay Rampal** on "Uproar Over Parliament Closure". BFM Radio.
 - 20) BFM News. 3 August 2021. **Sanjay Rampal** on "Delta variant". BFM Radio.
 - 21) Juliet Jacobs (Host). 23 September 2021. **Sanjay Rampal** on Live & Learn discussing "Buka Sekolah Kami #3: Should Schools Really Reopen?". BFM Radio.

- 22) Lim Sue Ann (Host). 9 December 2021. **Sanjay Rampal** on Health & Living discussing “Why More Fully Vaccinated People Are Dying From COVID Than The Unvaccinated”. BFM Radio.
- 23) Lee Chwi Lynn, Sharmilla Ganesan (Host). 9 Feb 2022. **Sanjay Rampal** on the Evening Edition discussing “No More Temperature Checks And Log Books”. BFM Radio.
- 24) Shazana Mokhtar, Khoo Hsu Chuang. 28 February 2022. **Sanjay Rampal** on the Morning Brief discussing the “No Quarantine for Boosted, Asymptomatic Close Contacts”. BFM Radio.
- 25) Sharmilla Ganesan. 29 December 2022. **Sanjay Rampal** on the Evening Edition discussing “F&B Workers In Selangor To Mask Up”. BFM Radio.

c. Mass media article / write-up

- 1) Covid-19: So much information, what do we believe? **Sanjay Rampal**. The Star. 17 March 2020. <https://www.thestar.com.my/lifestyle/living/2020/03/17/covid-19-so-much-information-what-do-we-believe>
- 2) Movement control order Forced social distancing (FSD) is the game-changer we need. **Sanjay Rampal**, Awang Bulgiba Awang Mahmud. Malay Mail. 19 March 2020. <https://www.malaymail.com/news/what-you-think/2020/03/19/movement-control-order-forced-social-distancing-fsd-is-the-game-changer-we/1848083>
- 3) Game-changer in fighting Covid-19. Sanjay Rampal, Awang Bulgiba Awang Mahmud. The Star. 20 March 2020. <https://www.thestar.com.my/opinion/letters/2020/03/20/game-changer-in-fighting-covid-19>
- 4) Time for All Healthcare Workers to Wear Personal Protective Equipment. Nirmala Bhoo Pathy, **Sanjay Rampal**. Code Blue. 31 March 2020. <https://codeblue.galencentre.org/2020/03/31/time-for-all-healthcare-workers-to-wear-personal-protective-equipment-dr-nirmala-bhoo-pathy-dr-sanjay-rampal/>
- 5) Time for All Healthcare Workers to Wear Personal Protective Equipment. Nirmala Bhoo Pathy, **Sanjay Rampal**. Malay Mail. 1 April 2020. <https://www.malaymail.com/news/what-you-think/2020/04/01/time-for-all-healthcare-workers-to-wear-personal-protective-equipment-nirma/1852341>
- 6) PPE for all healthcare staff. Nirmala Bhoo Pathy, **Sanjay Rampal**. The Star. 2 April 2020. <https://www.thestar.com.my/opinion/letters/2020/04/02/ppe-for-all-healthcare-staff>

- 7) Adaptive Policy on COVID-19. **Sanjay Rampal**. The Star. 26 June 2020. <https://www.thestar.com.my/opinion/letters/2020/06/26/adaptive-policy-on-covid-19>
- 8) Protocol for wearing masks. **Sanjay Rampal**. The Star. 17 July 2020. <https://www.thestar.com.my/opinion/letters/2020/07/17/protocol-for-wearing-masks>
- 9) Adapting Covid-19 infection prevention policies based on community transmission. **Sanjay Rampal**. The Star. 27 July 2020. <https://www.thestar.com.my/opinion/letters/2020/07/27/adapting-covid-19-infection-prevention-policies-based-on-community-transmission>
- 10) Covid-19 vaccine strategies and nationalism. **Sanjay Rampal**. The Star. 2 October 2020. <https://www.thestar.com.my/opinion/letters/2020/10/02/covid-19-vaccine-strategies-and-nationalism>
- 11) CMCO a necessary inconvenience. **Sanjay Rampal**. The Star. 14 October 2020. <https://www.thestar.com.my/opinion/letters/2020/10/14/cmco-a-necessary-inconvenience>
- 12) Should I be screened for COVID-19? **Sanjay Rampal**. 16 October 2020. <https://spm.um.edu.my/2020/10/16/should-i-be-screened-for-covid-19/>
- 13) Should CMCO be extended? **Sanjay Rampal**. The Star. 6 November 2020. <https://www.thestar.com.my/opinion/letters/2020/11/06/should-cmco-be-extended>
- 14) Ranking the COVID-19 incidence in Malaysia with other countries. Vivek Jason Jayaraj, **Sanjay Rampal**. Malaysiakini. 29 November 2020. <https://www.malaysiakini.com/columns/553020>
- 15) Time to re-calibrate our SOPs. **Sanjay Rampal**. The Star. 4 December 2020. <https://www.thestar.com.my/opinion/letters/2020/12/04/time-to-re-calibrate-our-sops>
- 16) Vaccination benefits outweigh the harm. Sanjay Rampal. The Star. 22 April 2021. <https://www.thestar.com.my/opinion/letters/2021/04/22/vaccination-benefits-outweigh-the-harm>
- 17) Adapting to a future with the virus. Sanjay Rampal. The Star. 6 July 2021. <https://www.thestar.com.my/opinion/letters/2021/07/06/adapting-to-a-future-with-the-virus>
- 18) Covid-19 Variants: Cause For Concern? Sanjay Rampal, Dr Vivek Jason Jayaraj. 7 July 2021. <https://codeblue.galencentre.org/2021/07/07/covid-19-variants-cause-for-concern-prof-dr-sanjay-rampal-dr-vivek-jason-jayaraj/>

- 19) Malaysian Parliament is an essential workplace. Victor Hoe, Sanjay Rampal. 2 August 2021. <https://www.malaymail.com/news/what-you-think/2021/08/02/malaysian-parliament-is-an-essential-workplace-victor-hoe-and-sanjay-rampal/1994567>
- 20) Malaysian Parliament is an essential workplace. Victor Hoe, Sanjay Rampal. 2 August 2021. <https://codeblue.galencentre.org/2021/08/02/malaysian-parliament-is-an-essential-workplace-prof-dr-victor-hoe-and-prof-dr-sanjay-rampal/>
- 21) Malaysian Parliament is an essential workplace. Victor Hoe, Sanjay Rampal. 2 August 2021. https://www.sinchew.com.my/content/content_2522839.html
- 22) Treat Parliament like the essential workplace that it is. The Star. 3 August 2021. <https://www.thestar.com.my/opinion/letters/2021/08/03/treat-parliament-like-the-essential-workplace-that-it-is>
- 23) Get the job for your own good. Sanjay Rampal. The Star. 8 September 2021. <https://www.thestar.com.my/opinion/letters/2021/09/08/get-the-job-for-your-own-good>
- 24) Getting on with life amid Covid-19 breakouts. Sanjay Rampal. The Star. 25 November 2021. <https://www.thestar.com.my/opinion/letters/2021/11/25/getting-on-with-life-amid-covid-19-breakouts>
- 25) Cautious approach advocated on jobs for kids. The star. 27 Nov 2021. Sanjay Rampal, Lokman Hakim Sulaiman, Zainal Ariffin Omar, Sharmini Selvarajah, Tharani Loganathan. <https://www.thestar.com.my/opinion/letters/2021/11/27/cautious-approach-advocated-on-jobs-for-kids>
- 26) Grow healthcare capacity. Sanjay Rampal, Lokman Hakim Sulaiman. The Star. 14 February 2022. <https://www.thestar.com.my/opinion/letters/2022/02/14/grow-healthcare-capacity>
- 27) The measure of good health. Yoong Lee Yeen, Moy Foong Ming, Sanjay Rampal. The Star. 21 May 2022. <https://www.thestar.com.my/opinion/letters/2022/05/21/the-measure-of-good-health>
- 28) Time to end the mask mandate. Sanjay Rampal, Tharani Loganathan. 6 September 2022. <https://www.thestar.com.my/opinion/letters/2022/09/06/time-to-end-the-mask-mandate>
- 29) No need to close borders to certain travellers. Sanjay Rampal. 7 January 2023. <https://www.thestar.com.my/opinion/letters/2023/01/07/no-need-to-close-borders-to-certain-travellers>

d. Mass media Interview

2020

- 1) Wearing gloves gives false sense of safety, says MMA. Hakimie Amrie Hisamudin. FMT news. 27 March 2020.
<https://www.freemalaysiatoday.com/category/nation/2020/03/27/wearing-gloves-give-false-sense-of-safety-says-mma/>
- 2) CMCO must be extended beyond May 12. Veena Babulal. New Strait Times. 10 May 2020.
<https://www.nst.com.my/news/nation/2020/05/591338/cmco-must-be-extended-beyond-may-12>
- 3) Community empowerment needed to curb Covid-19. Teh Athira Yusof, Dawn Chan. New Strait Times. 12 May 2020.
<https://www.nst.com.my/news/nation/2020/05/591824/community-empowerment-needed-curb-covid-19>
- 4) Don't let guard down during easing of restrictions, says expert. 15 May 2020. New Strait Times.
- 5) Health experts confident of zero-case target. Farah Solhi. New Strait Times. 26 June 2020.
<https://www.nst.com.my/news/nation/2020/06/603646/health-experts-confident-zero-case-target>
- 6) Melbourne's lockdown a lesson for Malaysia. Veena Babulal. New Strait Times. 12 July 2020.
<https://www.nst.com.my/news/nation/2020/07/607931/melbournes-lockdown-lesson-malaysia> Staying indoors does not increase vulnerability. The Sun. 13 July 2020.
- 7) Covid-19 deaths not due to ethnicity. Clarissa Chung. The Star. 14 July 2020. <https://www.thestar.com.my/news/nation/2020/07/14/covid-19-deaths-not-due-to-ethnicity>
- 8) Travel schemes will spur both economies' recovery. Farah Solhi. New Strait Times. 15 July 2020.
<https://www.nst.com.my/news/nation/2020/07/608725/travel-schemes-will-spur-both-economies-recovery>
- 9) Always wear a mask in public areas. Allison Lai. The Star. 23 July 2020.
<https://www.thestar.com.my/news/nation/2020/07/23/always-wear-a-mask-in-public-areas>
- 10) Health experts: Use targeted approach. Nation. The Star. 27 July 2020.
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e. Presentation

- 1) The Social, Health and Economic Impacts of Covid-19 In Malaysia. Sanjay Rampal. 26 July 2020. Organized by National Population and Family Development Board (NPFDB) and Universiti Malaya.

14. CONTRIBUTION TO SOCIETY:

1. 2016 – 2018. Medical Officer for Preparedness, Malaysian Red Crescent Society of Wilayah Persekutuan Putrajaya.
2. January 2015. Volunteer, University Malaya/University Malaya Medical Centre flood relief mission to Kelantan, Malaysia. Also performed situational analysis of the population's health needs from the 9th to 11th January 2015.
3. Mar – Apr 2005. Represented University Malaya Medical for the Malaysian Red Crescent Society Tsunami Humanitarian Mission to Aceh, Indonesia.
4. Oct – Nov 2005. Represented University Malaya Medical in the Malaysian Humanitarian Medical Relief Mission for Earthquake Survivors in Pakistan.