

## **Associate Professor Sivalal Sadasivan**

### **ACADEMIC QUALIFICATIONS**

- Graduate Certificate in Health Education, 2014
- PGDHHSA (London) 1988
- M.B.B.S. (India) 1977

### **CURRENT OFFICIAL POSITIONS/RESPONSIBILITIES**

- Associate Professor, School of Medicine & Health Sciences, Monash University Malaysia – since 2014
- Senior Lecturer, School of Medicine & Health Sciences, Monash University Malaysia – 2006-2013
- Advisor to Ministry of Health Malaysia on Case-mix implementation – since 2010
- President, Malaysian Society of Health Technology Assessment
- Member, Editorial Board, Open Journal of Preventive Medicine, Turkish Journal of Health Technology Assessment,
- Reviewer - WHO publications, Asia Pacific Journal of Public Health, Malaysian Journal of Public Health, International Journal of Collaborative Research on Internal Medicine & Public Health
- Member, Medical Advisory Board, Hospital Sungai Long

### **POSTS HELD/PREVIOUS RESPONSIBILITIES:**

- Member, Editorial Board, International Journal of Technology Assessment in Health Care, 2003-2008
- Member, Board of Directors, Health Technology Assessment International, 2003-2007
- Member, Board of Trustees, Guidelines International Network, 2002-2005
- Director, WHO Collaborating Centre for Evidence Based Practice in Health Care 2004-2005
- Deputy Director & Head, Health Technology Assessment Unit, Ministry of Health Malaysia, 2002-2005
- Principal Assistant Director & Head, Health Technology Assessment Unit Ministry of Health Malaysia, 1995 – 2002
- Principal Assistant Director & Head, Medical Equipment & Budget Unit, Ministry of Health Malaysia, 1992 –1995
- Head, Quality Assurance Unit, Ministry of Health Malaysia, 1992 –1995
- Medical Administrative Officer, Medical Equipment Unit, Ministry of Health Malaysia, 1985 – 1992
- Director, Batu Pahat Hospital: 1982 - 1985
- Medical Officer, Ministry of Health hospitals: 1978 - 1985

### **CONSULTANCIES**

- WHO consultant on medical device regulatory system, Sudan - 2013
- WHO consultant on national health technology policy - Sudan - 2010
- WHO consultant on health technology assessment – Iran -2005
- Ministry of Health consultant on health technology assessment – Indonesia- 2004
- WHO consultant on health technology assessment – Pakistan - 2003

### **WORK EXPERIENCE**

- Honorary lecturer in Health Technology Assessment, Medical Device Regulation and Risk Management for Biomedical Engineering programme in University Malaya (UM)- 2004-2010
- Conducted seminar on Health Technology Assessment, Antalya, Turkey, 2008
- Tutor on Problem Based Learning International Medical University - 2006

- Honorary lecturer for Evaluation of Competency (Penilaian Tahap Kecekapan, PTK) Ministry of Health Malaysia from 2002-2006
- Honorary lecturer in Health Technology Management for MPH programme in University Malaya - 1998 -2006
- Honorary lecturer for MBA (Health) programme in National University of Malaysia (UKM) - 2000 -2005
- Honorary lecturer in Health Technology Assessment for MPH programme in National University of Malaysia (UKM): 1999 – 2005
- Honorary lecturer in International Medical University in Health Technology Assessment – 2000 - 2006
- Conducted hospital seminars courses in Health Technology Assessment – 1996 - 2006
- Conducted annual training courses in Health Technology Assessment – 1996 - 2005
- Conducted seminar in Health Technology Assessment at Joint meeting Ministry of Health - Academy of Medicine Malaysia - 1998
- Involved in setting up Health Technology Assessment Unit, Ministry of Health 1995-96
- Involved in Ministry of Health national research project on Patient Satisfaction in selected public hospitals 1995
- Involved in Ministry of Health national research project on Hospital Acquired Infection in selected public hospitals 1990 - 1993
- Involved in setting up a system for medical equipment management for hospitals at the Ministry of Health -1985 - 1995
- Involved in setting up National Quality Assurance Programme for public hospitals in the Ministry of Health 1985 - 1992
- Experience in conducting training workshops in Quality Assurance at national, state and hospital levels, and involved in drawing up training module for trainers in Quality Assurance 1985 -1992

## PUBLICATIONS

### Editorial

Sivalal S Public health and medical care is the wall between them destined to remain forever? J Eped Comed : 2015-10-02

### Refereed journal articles:

- Maloney S, Tunnecliff J, Morgan P, Weiner J, Gaida JE, Keating J, Clearihan L, Davies D, Sadasivan S, Mohanty P, Ganesh S, Reynolds J, Ilic D. *Continuing Professional Development via Social Media or Conference Attendance: A Cost Analysis* Journal of Medical Internet Research, Mar 2017
- Tunnecliff J, Weiner J, Gaida JE, Keating J, Morgan P, Ilic D, Clearihan L, Davies D, Sadasivan S, Mohanty P, Ganesh S, Reynolds J, Maloney S. *Translating Evidence Into Practice in the health professions: a randomized trial of Twitter vs. Facebook*. J American Medical Informatics Association – June 2016  
DOI: <http://dx.doi.org/10.1093/jamia/ocw085>
- Maloney S, Tunnecliff J, Morgan P, Gaida PE, Clearihan L, Sadasivan S, Davies D, Ganesh S, Mohanty P, Weiner J, Reynolds J, Ilic D *Translating Evidence Into Practice via Social Media: A Mixed-Methods Study* J Med Internet Res · October 2015 · DOI: 10.2196/jmir.4763
- Tunnecliff J, Ilic D, Morgan P, Keating J, Gaida JE, Clearihan L, Sadasivan S, Davies D, Ganesh S, Mohanty P, Weiner J, Maloney S. *The Acceptability of Social Media to Translate Research Evidence to Clinical Practice*. J Med Internet Res 2015, doi:10.2196/jmir.4347
- B Williams · S Sadasivan · A Kadirvelu *Malaysian Medical Students' self-reported Empathy: A cross-sectional Comparative Study* The Medical Journal of Malaysia 04/2015; 70(2):76-80

- Teh KX, Ooi JX, Tam CL, Kadirvelu A, Sadasivan S. *Perceived Effectiveness of Policy and Legislation on Smoking among Malaysian Adults*. International Journal of Collaborative Research on Internal Medicine & Public Health, 2014 - Vol. 6 (7) 207-215
- Teh KX, Ooi JX, Tam CL, Sadasivan S. Kadirvelu A. *Passive Smoking: Perceptions and Practices among Urban Working Adults*, International Journal of Research on Internal Medicine & Public Health. 2014;Vol 6(6);160-167.
- Williams B, Sadasivan S, Kadirvelu A, Olausen A. *Empathy levels among first year Malaysian medical students: an observational study*. Adv Med Educ Pract. 2014 May 16;5:149-56. doi: 10.2147/AMEP.S58094. eCollection 2014. PMID:24876799 [PubMed]
- Dhillon, H. K., Chong, D. W. K, Tha, K.K., Sadasivan, S., Selvaratnam, L., Navaratnam, P. Innovative enhancement to year 2 MBBS rural health programme experience at Segamat, Malaysia. The 2<sup>nd</sup> Dubai International Conference in Higher Education: Sustaining Success through Innovation Brown Walker Press, Boca Raton, Florida, USA, 2014
- Dhillon, H. K., Sadasivan, S., Tha, K.K., Chong, D., Selvaratnam, L., Navaratnam, P. Towards enhancing a rural health placement experience: Student-centred focus group discussion. The 2<sup>nd</sup> Dubai International Conference in Higher Education: Sustaining Success through Innovation Brown Walker Press, Boca Raton, Florida, USA, 2014
- Azhar M, Gunasekaran K, Kadirvelu K, Gurtu S, Sadasivan S, Kshatriya BM. Self-medication: Awareness and Attitude among Malaysian Urban Population, International Journal Of Collaborative Research on Internal Medicine And Public Health 01/2013 5(6):436, 2013
- Sadasivan S, Kadirvelu A. Training PBL tutors – a novel approach using role play. International Conference in Higher Education Conference Proceedings. Dubai, 2013
- Sadasivan S, Kadirvelu A: Towards creating good group dynamics in PBL groups –a student perspective. International Conference in Higher Education Conference Proceedings. Dubai, 2013
- Kadirvelu A, Gurtu S, Sadasivan S. Pharmacology Applied Learning Program in Preclinical Years - Student Perspectives World Academy of Science, Engineering and Technology 73;1549-1552, 2013.
- Kyi KT, Selvaratnam L, Dhillon HKPS, Sadasivan S, Chong D, Navaratnam P. Enhancing the role of culture in medical education for rural health postings in Malaysia. International Conference in Higher Education Conference Proceedings. Dubai, 2013
- Kadirvelu A, Sadasivan S. Use of a learner's log for effective self-directed learning in PBL World Academy of Science, Engineering and Technology 73;1553-1556, 2013
- M Azhar, K Gunasekar, A Kadirvelu, S Gurtu, S Sadasivan, BM Kshatriya. Self-medication: Awareness and Attitude among Malaysian Urban Population. 7th IOMC, 24-26 May, 2013..
- Kadirvelu A, Sadasivan S, Ng SH, Social support in type II diabetes care: a case of too little, too late Diabetes Metab Syndr Obes. 2012;5:407-17.
- Sivalal S, 2009: Health Technology Assessment in the Asia Pacific Region, Int J of Technol Assess Health Care, Cambridge University Press, 25 (supplement 1): 196-201
- Sivalal S, 2009: Health Technology Assessment in Malaysia Int J Technol Assess Health Care, Cambridge University Press 25 (supplement 1): 224-230
- Sivalal S, 2009: History of health technology assessment: A commentary. Int J Technol Assess Health Care. 25 (supplement 1): 285-287
- Sivalal, S; Banta D, T'Hoën E, Jaudin R., 2009. Training in Health Technology Assessment International Journal of Technology Assessment in Health Care, Cambridge University Press 14(4):809-17

#### Books

- Sadasivan S, Chung C, Chan C, Amran AM. Medtalk: A Basic Bi-Lingual Medical Communication Handbook. Cengage Learning Sep 2016

#### Book chapter:

- Burhainuddin M, Sivalal, S. High Technology Medicine: Manpower & Financial Considerations Malaysian Institute of Economic Research

#### Non-refereed conference Papers

- A Zaini, S Sivalal, R Jaudin, Aljunid SM, CC Low. Formulating a Casemix system: The Malaysian experience. Proceedings of Casemix Conference, Melbourne, Australia

#### Other publications:

- Sivalal S: HTA Asian Network: challenges and opportunities for capacity building.; Health Technology Assessment International. Meeting (2nd : 2005 : Rome, Italy). Ital J Public Health. 2005; 2: 53.
- Sin LT, Sivalal S: Impact of health technology assessment in policy making. Proc One HTA Health Technol Assess Int Meet 1st 2004 Krakow Pol. 2004; 1: 177.
- A Zaini, S Sivalal, R Jaudin, Aljunid SM, CC Low. Formulating a Casemix system The Malaysian experience. Proceedings of Casemix Conference, Melbourne, Australia
- Anuar Zaini Md Zain, Sivalal Sadasivan, Rusilawati Jaudin, Syed Mohamed Aljunid, Ishak Abdul Razak, Raja Latifah Jallaludin, Low Chu Chang. Developing a Casemix system The Malaysian experience. Abstract book of the 34th APACPH Kuala Lumpur Conference. 17 20 July
- Health technology Assessment reports, Clinical Practice Guidelines

#### Papers Presented/co-authored

- Dhillon, H. K., Chong, D. W. K, Tha, K.K., Sadasivan, S., Selvaratnam, L., Navaratnam, P. *Innovative enhancement to year 2 MBBS rural health programme experience at Segamat, Malaysia* The 2nd Dubai International Conference in Higher Education Sustaining Success through Innovation, Michigan State University, Brown Walker Press, Florida, USA. 2014
- Dhillon, H. K., Sadasivan, S., Tha, K.K., Chong, D., Selvaratnam, L., Navaratnam, P. *Towards enhancing a rural health placement experience: Student-centred focus group discussion.* The 2nd Dubai International Conference in Higher Education Sustaining Success through Innovation, Michigan State University, Brown Walker Press, Florida, USA, 2014
- *Training PBL tutors – a novel approach using role play* – Dubai International Conference in Higher Education, 2013
- *Towards creating good group dynamics in PBL groups – a student perspective* - Dubai International Conference in Higher Education, 2013
- *PBL tutor training: A novel approach to meet the demands of Generation Y students* International Medical Education Conference 2013
- *Use of a learner's log for assessment of first year medical students' self-directed learning in PBL* Ottawa Conference 2012
- *Self-directed learning: role of a learner's log for PBL in first year medical students* 9<sup>th</sup> Asia Pacific Medical Education Conference 2012
- *Meeting Community Needs in Contextualisation of Australian PBL in Malaysia* Asia Pacific Joint PBL Conference 2010,
- *Towards Greater Effectiveness of PBL in First Year Medical Students by Improving PBL Group Dynamics* Asia Pacific Joint PBL Conference 2010,
- *Enhancing the health of medical students: implementation and outcome of health enhancement Program at Monash university Sunway campus, Malaysia* Asia Pacific Medical Education Conference 2010
- *Health Technology Assessment - Challenges for emerging economies* - International Meeting for HTA - Emerging Countries-Ankara, Turkey, 2009
- *Organisational Differences in Health Technology Assessment Agencies – Potential Applications for Developing Countries* - International Meeting for HTA - Emerging Countries-Ankara, Turkey, 2009
- *Safety – the Quality way* - 2nd International Patient Safety Congress, Antalya, Turkey, 2008
- *Clinical practice guidelines – how can we better implement them?* Annual meeting of Health Technology Assessment International, Adelaide, Australia, 2006

- *Challenges for the Medical Device Industry- Funder/ Administrator Perspective* Annual meeting of Health Technology Assessment International, Adelaide, Australia, 2006
- *Medical Device regulation – getting it right.* Annual meeting of Health Technology Assessment International, Adelaide, Australia, 2006
- *Health Technology Assessment in the trenches:* Annual meeting of Health Technology Assessment International, Adelaide, Australia, 2006
- *Health Technology Assessment 101:* Annual meeting of Health Technology Assessment International, Adelaide, Australia, 2006
- *Health Technology Assessment Asian Network: challenges and opportunities for capacity building -* Annual meeting of Health Technology Assessment International, Rome, Italy, 2005
- *Training strategies in Health Technology Assessment-* Annual meeting of Health Technology Assessment International, Krakow, Poland, 2004
- *Strategies for implementation of Health Technology Assessment-*Annual meeting of Health Technology Assessment International, Krakow, Poland, 2004
- *Clinical Practice Guidelines in Asia –* Guidelines International Network Conference, Wellington, New Zealand, 2004
- *Fostering Evidence Based Decision-Making in Health Service Provision In Developing and Transitional Countries – Asian region* Annual Meeting International Society of Technology Assessment in Health Care, Canmore Canada, 2003
- *Health Technology Assessment as a Tool for Policy Making in Developing and Transitional Countries - Asia* Annual Meeting International Society of Technology Assessment in Health Care, Berlin, Germany 2002
- *Health Technology Assessment - the Malaysian experience-* Clinical Governance Conference, Jakarta 2001
- *Health Technology Assessment – specific needs & strategies in Malaysia \_* WHO Workshop on Health Technology Assessment, Philadelphia, 2001
- *Technology Planning for Equitable Health of The Public –* Resourcing Public Health Conference, Bangkok 2001
- *Health Technology Assessment in Asia –* Annual Meeting International Society of Technology Assessment in Health Care 1999: Edinburgh
- *Poster- Health Technology Assessment in Malaysia -* Annual Meeting International Society of Technology Assessment in Health Care 1999: Edinburgh
- *Health Technology Assessment - the Malaysian experience -* International Clinical Epidemiology Network Meeting, Thailand, 1998
- *Control of Nosocomial Infection in a Local Hospital -* National Health Systems Research Conference, Kuala Lumpur 1993
- *Setting up a Nosocomial Infection Surveillance System in a local hospital at Singapore -* Malaysia Congress of Medicine, Kuala Lumpur 1992
- *Quality care through Infection Control -* National Quality Assurance Conference 1991
- *Overview of Quality Assurance Programme (Co-author)* National Quality Assurance Conference 1991
- *Cost-effectiveness & Benefit of Infection Control (Co-author)* National Quality Assurance Conference 1991
- *Linkages Among Quality Assurance Programmes in Various Services (Co-author)* National Quality Assurance Conference 1991

### **Conferences**

- International Conference on Innovation and Educational Transformation, 2013
- The Dubai international Conference in Higher Education, 2013
- 8<sup>th</sup> International Medical Education Conference, 2013
- 9<sup>th</sup> Asia Pacific Medical Education Conference 2012
- Annual Meeting Health Technology Assessment International (HTAi) – 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2011
- Congress of the Asian Medical Education Association, 2011

- Asia Pacific Joint PBL Conference, 2010
- Asia Pacific Medical Education Conference, 2010
- Asian Harmonization Working Party Meeting, Chengdu, China, 2008.
- 2nd International Patient Safety Congress, Antalya, Turkey, 2008
- Guidelines International Network annual conference 2004-2006
- Asian Regional Network on Health Technology Assessment Meeting - 1996, 1997, 1998, 2006
- Annual Meeting International Society of Technology Assessment in Health Care – 1997, 1998, 1999, 2000, 2001
- Panel member on Technology Assessment - International Hospital Federation - International Seminar - The Management of Health Services 1996

### **ONGOING RESEARCH**

- LIVE-WELL – Lifestyle intervention study among hospital staff

### **COMPLETED RESEARCH**

- Promoting healthy lifestyle among medical personnel at a tertiary hospital
- Quest for New Phantoms: Spatial Dimensions of Human Lungs
- Cost-effectiveness analysis of PCI (percutaneous coronary intervention) and CABG (coronary artery bypass graft surgery) in Malaysia - prospective trial
- Diabetic complications and its risk factors: prevalence in diabetic patients and in those at risk of developing diabetes
- Case mix system in Malaysian hospitals – 2001-2006 (Min of Science & Tech. Malaysia)
- Hospital Infection Control in Ministry of Health hospitals– 1990-93 (Min of Science & Tech. Malaysia)

### **FELLOWSHIPS/TRAINING COURSES**

- Training on case-mix, clinical pathways – Cairns, Australia, 2002
- Training in Health Systems Research: Sept 1988- March 1989
- WHO Fellowship in Health Technology Assessment – May 1997 – Spain, Sweden
- WHO Fellowship in Equipment Planning: Sydney, Australia August - September 1994
- World Bank Fellowship in Health Technology Assessment: Canada, USA -September - October 1995

### **AWARDS**

- Excellent Service Award, Ministry of Health Malaysia, 2005
- Ahli Mangku Negara (AMN), Yang Di Pertuan Agung, Malaysia (Royal award) – 2002
- Excellent Service Award, Ministry of Health Malaysia, 1997