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Assoc. Prof. PALVANNAN SIVALINGAM. MD, DNB, MRCA, FFARCSI, FANZCA, PGDipEcho

CURRICULUM VITAE

Home Address:

33 Nelson Place
Carindale 4152, Brisbane, Queensland,
Australia
Tel & fax : 0061 7 3219 4149
Email : Pal.sivalingam@uq.edu.au

Office address:

Senior Consultant Anaesthetist & Deputy
Director (Research)
Department of Anaesthesia,
Princess Alexandra Hospital,
Ipswich Road, Woolloongabba, 4102
Brisbane, Queensland, Australia.
Tel : +61 7 3176 2111 Ext: 2923
Fax : +61 7 31765102

PERSONAL INFORMATION

Date of birth : 24.11.1963
Sex : Male
Marital status : Married
Nationality : Australian Citizen

ACADEMIC QUALIFICATIONS

Australia, New Zealand

July 2000	FANZCA, Fellow of the Australian and New Zealand College of Anaesthetists
March 2010	Postgraduate diploma in perioperative and critical Care echocardiography – The University of Melbourne
United Kingdom December 1995	MRCA, Member of the Royal College of Anaesthetists, London, UK
March 1996	FFARCSI, Fellow of the College of Anaesthetists, Royal College of Surgeons, Ireland

India

November 1981 - January 1987	MB BS, Coimbatore Medical College, Coimbatore, India. University Of Madras
July 1990 – June 1993	MD, Anaesthesiology, Postgraduate Institute of Medical Education and Research, Chandigarh, India.
December 1993	DNB, Diplomate of National Board of Examination in Anaesthesiology, New Delhi, India.

Registered Medical Licensing Authorities

Current- Medical Board of Australia- registered as a specialist Anaesthetist

Royal College of Anaesthetist, London – Accreditation of completion of Specialist Training, entry to the specialist (Anaesthetics) Register established by General Medical Council, London, 14th July, 1999. General Medical Council, London- Full Registration No: 4287120, from 9th May, 1996

New Zealand Medical Council - Vocational registration as a specialist Anaesthetist.

Tamil Nadu Medical Council, Madras, India- Full Registration No: 43745 from 17th February, 1988.

Academic and Leadership Profile

1. Australian & New Zealand College of Anaesthetists (ANZCA) Queensland council member from 2004 to 2011
2. ANZCA- Queensland Formal project officer for Anaesthetic trainees - 2004 to 2008
3. Supervisor of training - Australian & New Zealand College of Anaesthetists- Dunedin Public hospital, New Zealand- 2000 to 2003
4. Lead Principal investigator for major ANZCA sponsored multicentre trials- POISE2, RELIEF and METS – helped the other Queensland hospitals to set up the trials
5. Convenor Princess Alexandra Anaesthesia Conference (PAAC) – Asia Pacific meeting, conducted on annual basis from 2015

6. Australian & New Zealand College of Anaesthetists (ANZCA)- Member of hospital accreditation committee for training.
7. Examiner- part 2 FANZCA - Australian & New Zealand College of Anaesthetists from 2005 to 2017 (12 yrs).
8. Invited External Examiner for National University of Singapore (NUS) – Mmed Anaesthesia final exam, May 2017.
9. Received peer reviewed Princess Alexandra Hospital private practice research fund
 - a. 2012 (\$200,000) – setting up research program and POISE 2 trial
 - b. 2014 (\$100,000) – RELIEF trial
10. University of Queensland Faculty of Medicine’s Research Equipment and Infrastructure Investment scheme award of \$25,000 – Data-linkage services to link the Australia and New Zealand Dialysis and Transplant Registry (ANZDATA) with national Australian and New Zealand Admitted Patient Data Collection (ADPC) datasets to form a comprehensive perioperative dataset of dialysis patients. June 2017
(Dr.Dharmenaan Palamuthusingam, A/Prof Carmel Hawley, Prof. David Johnson, Dr Pal Sivalingam, Ms Elaine Pascoe and Dr Magid Fahim)
11. Metro South SERTA research grants (\$25000). Utilisation of Data-linkage Services - to link national surgical hospitalisation and outcome data with a comprehensive dialysis registry. Dharmenaan Palamuthusingam, Carmel Hawley, David Johnson, Pal Sivalingam, Elaine Pascoe, Magid Fahim. Nov 2017
12. Metro South Health Systems and Health Economics Project Grant (\$75,000) Development of a standardised integrated preadmission assessment for surgical patients - A/P Ian Scott, A/P Ruth Hubbard, A/P Palvannan Sivalingam, Dr Xenia Caney, Ms Nancye Peel, Dr Chris Cole and Ms Bonnie Pimm- Nov2017.
13. Investigating Metabolic Acidosis in Gastroenterology Induced by Colonoscopy preparation and Sodium glucose transporter 2 inhibitors: The MAGICS Study. Metro South SERTA research Grant (\$100000), NOV 2021. A/P Pal Sivalingam Prof Gerald Holtmann – PAH, Prof Michael Barras – PAH, A/Prof Anthony Russell – PAH, Dr Sarah Bowman - QEII Hospital, Prof Jeffrey Lipman - UQ RBWH, Dr Steve Wallis - UQ RBWH, Dr Viral Chikani - PAH, Dr Tharindu Vithanage - Logan Hospital, Allison Kearney – PAH
14. Appointment for an Academic Title at Associate Professor level, Faculty of medicine, University of Queensland ,2017

15. Convenor- Part II FANZCA exam preparatory course at the Princess Alexandra Hospital on yearly basis and anaesthetic trainees from all over Australia attends this course.
16. Eminent specialist status awarded by Queensland health vigorous MO3 and MO4 selection process, Jan 2019

Current major research projects as **principal investigator** at Princess Alexandra Hospital, Brisbane.

A. Volatile Anaesthesia and Perioperative Outcomes Related to Cancer (VAPOR-C). A large, international, randomised clinical trial of inhalational volatile or intravenous propofol anaesthesia and intravenous lidocaine/placebo to improve disease free survival after surgery for colorectal cancer and lung cancer.

B. The RELIEF Trial REstrictive versus LIBeral Fluid Therapy in Major Abdominal Surgery: Australian and New Zealand College of Anaesthetists Trials Group (ANZCA TG), and the Australian and New Zealand Intensive Care Society Clinical Trials Group (ANZICS CTG)

C. Perioperative Administration of Dexamethasone and Infection Trial (PADDI): Multi-centre prospective, double blind, active control, parallel assessment, stratified, pragmatic non-inferiority safety and efficacy study.

Current major research projects as **Associate investigator** at Princess Alexandra Hospital, Brisbane.

ROCKeT Study - Reduction Of Chronic Post-surgical Pain with Ketamine.

A 5-year, 4,884 patient, multicentre, double-blind, placebo controlled, phase 3/4 randomised controlled trial of the effect of up to 72 hours of perioperative ketamine on the risk of development of chronic post-surgical pain (CPSP)

The POISE-3 **PeriOperative ISchemic Evaluation-3 Trial**- study is a 10,000 patient, multicentre, international, non-inferiority randomized controlled trial of tranexamic acid (TXA) versus placebo and, using a partial factorial design, of a perioperative hypotension-avoidance versus hypertension-avoidance strategy. The primary objective of the study is to determine; if TXA is superior to placebo for the occurrence of life-threatening, major, and critical organ bleeding, and non-inferior to placebo for the occurrence of major arterial and venous thrombotic event; and to determine the impact of a hypotension-avoidance strategy versus a hypertension-avoidance strategy on the risk of vascular death and major vascular events in patients who are followed for 30 days after noncardiac surgery.

Engagement with Industries

Medical Advisory Board member – Edwards Life Sciences Australia - from 2013 till date

Community engagement and participation

I am an active volunteer of non-profit organisation “Isha Foundation”. The foundation conducts courses called “INNER ENGINEERING” to teach in attaining pleasant inner wellbeing by simple yogic technique and meditation.

Isha Foundation is a volunteer-based, non-profit organization founded by Sadhguru, to create an inclusive culture towards global harmony and progress. Its powerful yoga programs for inner transformation and inspiring projects for society and the environment are appreciated worldwide, reflected in Isha's consultative status with the United Nations Economic and Social Council. Offering a variety of programs that provide methods for anyone to attain physical, mental, and spiritual wellbeing, it aims to enable people to deepen their experience of life, and reach their ultimate potential.

PROFESSIONAL EXPERIENCE

Present Employment since December 2003 Senior Consultant Anaesthetist & Deputy Director (Research)

Department of Anaesthesia, Princess Alexandra Hospital, Brisbane. University teaching

hospital with all major specialties including cardiac surgeries and liver transplant surgeries. Involves teaching undergraduate and postgraduate students.

Started the research program of the Department - received private practice research funds to initiate major collaborative multicentre international trials.

Stream lead in Anaesthesia for liver transplant and vascular surgeries.

Lead involvement in teaching and giving lectures on Anaesthesia for vascular surgeries in ANZCA part 2 exam courses from 2004 till date.

April 1999 until December 2003

Consultant Anaesthetist, Supervisor of training, Dunedin Hospital, HealthCare Otago, Dunedin, New Zealand. It is an approximately 600 bed multi-speciality teaching hospital attached to the University of Otago, Otago Medical School. It has all specialties including neurosurgery and cardiac surgery. It is a tertiary referral hospital for the lower half of South Island, New Zealand. I worked as a Consultant in the Intensive Care Unit sharing the responsibility with 5 other consultant colleagues on a rotation basis. All the after hours calls are based in ICU. In the anaesthetic side, I was doing anaesthesia for major vascular surgeries, general surgery ENT and major thoracic surgeries.

April 1997 until April 1999

Senior Registrar, National University Hospital, Singapore, a 1000 bed teaching hospital attached to the National University of Singapore which is accredited for Anaesthetic training by the Australian and New Zealand College of Anaesthetics. As a senior registrar, I provided anaesthetic care starting from preoperative assessment, anaesthetising patients for both elective and emergency surgeries in all specialties including neurosurgery, cardiothoracic, paediatrics and liver-transplant surgery. I worked in all specialties in rotation with other senior registrars. I actively participated in 3 Clinical Research projects which were published in peer-reviewed journals.

August 1996 until April 1997

Research fellow, Glasgow University Department of Anaesthesia, Vale of Leven Hospital. During this period, I actively participated in three research projects, pain and obstetric audit.

Research projects

1. Detection of Accidental Oesophageal intubation - Role of Anaesthetic assistant, published in Anaesthesia
2. Music and Anaesthetists' vigilance and psychomotor performance, University Department of Anaesthesia, Western Infirmary, Glasgow. Work completed and I presented the paper at the Anaesthetic Research Society meeting, University of Leicester, March 21, 1997.
3. Detection of accidental oesophageal intubation by using pressure changes over the

neck - published in Anaesthesia

August 1995 until July 1996

Registrar Anaesthetics, Altnagelvin area Hospital, Londonderry, U.K. Gained enormous experience in managing multiple trauma patients, intensive care and transport of critically ill patients to the tertiary care centre.

August 1994 until July 1995

Registrar Anaesthetics, Royal Victoria Hospital, Belfast, U.K. This is a major university teaching hospital and tertiary care centre attached to Queens University of Belfast. Specialities worked during this period included neuro- and , vascular surgery - 3 months, obstetrics - 3 months, paediatrics - 3 months, cardiothoracic & ICU - 3 months, did on-call commitments in cardiac surgical ICU

July 1993 until June 1994

Senior Registrar Anaesthetics, PGIMER, Chandigarh, India. This is an apex tertiary care centre and a specialised postgraduate and doctoral teaching, training and research centre. Spent 6 months in Intensive care, 3 months in cardiac Anaesthesia and intensive care and 3 months in paediatric surgery

July 1990 until June 1993

Registrar in Anaesthetics at Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, India. It is a premier, highly reputed Institute in the country. During this period rotated through and gained experience in Anaesthetic services in various disciplines including cardiothoracic surgery, paediatric surgery, Neurosurgery and renal transplant unit. Also gained experience in tetanus unit, intensive care unit and internal medicine and anaesthetic services for radio therapy and radiology.

October 1989 until June 1990

Senior House Officer in Anaesthesia, Dr. V. M. Medical College Sholapur, India.

October 1988 until September 1989

Senior House Officer in Anaesthesia and Intensive Care, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry, India.

March 1988 until September 1988

Resident Medical Officer, Assisi Hospital, Palghat, India.

February 1987 until February 1988

Compulsory rotatory Internship for 1 year, Coimbatore Medical College, India.

PUBLICATIONS

1. G.D. Puri, **S. Palvannan**, P. Chari, H. Sing and J.S. Gujral. Midazolam as an induction agent for closed mitral commissurotomy, comparison with thiopentone. *Indian Journal of Medical Research (B)* 1993; 98: 174-177.
2. A.E. Cameron, R.A. Hyde, **P. Sivalingam**, A.J. Asbury. Detection of accidental oesophageal intubation - role of anaesthetic assistant. *Anaesthesia* 1997; 52: 733-735.
3. **P. Sivalingam**, R.A. Hyde and W.R. Easy. An unpredictable and possibly dangerous hazard of an anaesthetic scavenging system. *Anaesthesia* 1997; 52: 609-610.
4. C. Hawksworth, **P. Sivalingam**, A.J. Asbury. The effect of music on anaesthetists psychomotor performance. *Anaesthesia* 1998; 53: 195-197.
5. **P. Sivalingam**, A.M. Tully. Acute epiglottitis in a 65 yr old man caused by *Neisseria meningitidis*. *Scandinavian Journal of Infectious Disease* 1998; 30: 196-198.
6. A.E. Cameron, R.A. Hyde, **P. Sivalingam**, A.J. Asbury. Pressure changes over anterior neck during tracheal, oesophageal intubation. *Anaesthesia* 1998; 53: 1120-1125.
7. **P. Sivalingam**, R.Tio. Tension pneumothorax, pneumomediastinum, pneumoperitoneum and subcutaneous emphysema in a 15 yr old Chinese girl following a double lumen tube intubation and one lung ventilation. *J Cardiovasc Thoracic Anesthesia* 1999; 13: 312-315.
8. **P. Sivalingam**, R. Kandasamy, G. Madhavan, P. Dhakshinamoorthi. Laryngeal mask insertion condition – comparison between sevoflurane vs propofol with or without alfentanil. *Anaesthesia* 1999; 54: 271-276.
9. **P. Sivalingam**. Inadvertent cannulation of the aberrant radial artery and intra-arterial injection of midazolam. *Anaesth Intensive Care*. 1999; 27: 424-425.
10. R. Kandasamy, **P. Sivalingam**. Use of sevoflurane in difficult adult and paediatric airways- Our experience. *Acta Anaesthesiol Scand* 2000; 44: 627-629 .
11. **P. Sivalingam**, R. Kandasamy, P. Dhakshinamoorthy, G. Madhavan. Tracheal intubation without muscle relaxant- a technique using sevoflurane vital capacity induction and alfentanil. *Anaesth Intensive Care* 2001; 29: 383-387.
12. **P. Sivalingam**, D. Pilditch. An unusual cause of locked jaw and its airway management. *Anaesthesia and Intensive Care* 2003; 31: 328-332 .
13. Zacharias M, Gilmore IC, Herbison GP, **Sivalingam P**, Walker RJ. Interventions for protecting renal function in the perioperative period. *Cochrane Database Syst Rev*. 2005 Jul 20;(3):CD003590. Review.

14. Zacharias M, Conlon NP, Herbison GP, **Sivalingam P**, Walker RJ, Hovhannisyan K. Interventions for protecting renal function in the perioperative period. Cochrane Database Syst Rev. 2008 Oct 8;(4):CD003590. doi: 10.1002/14651858.CD003590.pub3. Review.
15. J. D. Howard, V.Moo, **P. Sivalingam**.. Anaphylaxis and other adverse reactions to blue dyes: a case series. Anaesth Intensive Care 2011; **39**: 287-292
16. Zacharias M, Mugawar M, Herbison GP, Walker RJ, Hovhannisyan K, **Sivalingam P**, Conlon NP. Interventions for protecting renal function in the perioperative period. CochraneDatabaseSystRev.2013Sep11;(9):CD003590.doi:10.1002/14651858.CD003590.pub4.Review.
17. **P.Sivalingam**, R. Reyaldeen, B. McKenzie and T. Sampson. Anaesthesia cases in Phaeochromocytoma resection complicated by refractory pulmonary infiltrates and severe cardiomyopathy. Anaesthesia. :2014-0091
18. P.J. Devereaux, D.I. Sessler, K. Leslie, et al & POISE2 investigators (**P. Sivalingam**) Clonidine in patients undergoing noncardiac surgery. N Engl J Med 2014;370:1504-13.
19. Devereaux PJ, Mrkobrada M, Sessler DI, et al & POISE2 investigators (**P. Sivalingam**) Aspirin in patients undergoing noncardiac surgery. N Engl J Med 2014;370:1494-503
20. Garg AX, Kurz A, Sessler DI, et al & POISE-2 Investigators (**P Sivalingam**). Perioperative aspirin and clonidine and risk of acute kidney injury: a randomized clinical trial. JAMA. 2014 Dec 3;312(21):2254-64
21. Wijeyesundera DN, Pearse RM, Shulman MA et al.; METS Study Investigators (**P Sivalingam**). Measurement of Exercise Tolerance before Surgery (METS) study: a protocol for an international multicentre prospective cohort study of cardiopulmonary exercise testing prior to major non-cardiac surgery. BMJ Open 2016;6:e010359. doi:10.1136/bmjopen-2015-010359.
22. **Sivalingam P**, Ariotti G, Jowett C (2016) Randomised Controlled Trial of Portex Tracheal Tube and Frova Intubating Introducers used with the GlideScope Videolaryngoscope in Simulated Difficult Intubation. J Anesth Clin Res 7: 644, May 16, 2016.
23. S. Shiralkar, P. Kerr, J. Scott, **P. Sivalingam**. Anaesthetic management of patients undergoing cytoreductive surgery with hyperthermic intraperitoneal chemotherapy for pseudomyxoma peritonei: a retrospective audit. Anaesth Intensive Care 2017 ; 45:4: 490-498.

24. H S Lin, N M Peel, I A Scott, D L Vardesh, **P Sivalingam**, R L McBride, J J Morong, M J Nelson, R E Hubbard. Peri-operative assessment of frailty in older surgical patients using a frailty index - feasibility and association with adverse post-operative outcomes. *Anaesth Intensive Care*. 2017 Nov;45(6):676-682.
25. Wijesundera DN, Pearse RM, Shulman MA, Abbott TEF, Torres E, Ambosta A, Croal BL, Granton JT, Thorpe KE, Grocott MPW, Farrington C, Myles PS, Cuthbertson BH; **METS study investigators**. Assessment of functional capacity before major non-cardiac surgery: an international, prospective cohort study. *Lancet*. 2018 Jun 30;391(10140):2631-2640.
26. Myles PS, Bellomo R, Corcoran T, Forbes A, Peyton P, Story D, Christophi C, Leslie K, McGuinness S, Parke R, Serpell J, Chan MTV, Painter T, McCluskey S, Minto G, Wallace S; **Australian and New Zealand College of Anaesthetists Clinical Trials Network** and the Australian and New Zealand Intensive Care Society Clinical Trials Group. . Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery. *N Engl J Med*. 2018 Jun 14;378(24):2263-2274
27. Wijesundera DN, Pearse RM, Shulman MA, Abbott TEF, Torres E, Ambosta A, Croal BL, Granton JT, Thorpe KE, Grocott MPW, Farrington C, Myles PS, Cuthbertson BH, **P. Sivalingam**..... Assessment of functional capacity before major non-cardiac surgery: an international, prospective cohort study. *Lancet*. 2018 Jun 30;391(10140):2631-2640
28. Palamuthusingam D, Johnson DW, Hawley CM, Pascoe E, **Sivalingam P**, Fahim M. Perioperative outcomes and risk assessment in dialysis patients: current knowledge and future directions. *Intern Med J*. 2019 Jun;49(6):702-710
29. Bartoszko, J., Thorpe, K. E., Laupacis, A., Wijesundera, D. N., Myles, P. S., Shulman, M. A., Wallace, S., Farrington, C., Thompson, B., Ellis, M., Borg, B., Kerridge, R. K., Douglas, J., Brannan, J., Pretto, J., Godsall, M. G., Beauchamp, N., Allen, S., Kennedy, A., Wright, E., Malherbe, J., Ismail, H., Riedel, B., Melville, A., Sivakumar, H., Murmane, A., Kenchington, K., Kirabiyik, Y., Gurunathan, U., Stonell, C., Brunello, K., Steele, K., Tronstad, O., Masel, P., Dent, A., Smith, E., Bodger, A., Abolfathi, M., **Sivalingam, P.**, Hall, A. , Association of preoperative anaemia with cardiopulmonary exercise capacity and postoperative outcomes in noncardiac surgery: a substudy of the Measurement of Exercise Tolerance before Surgery (METS) Study. *British Journal of Anaesthesia* 2019, 123 (2), 161-169. doi: 10.1016/j.bja.2019.04.058
30. Shulman, M. A., Cuthbertson, B. H., Wijesundera, D. N., Pearse, R. M., Thompson, B., Torres, E., Ambosta, A., Wallace, S., Farrington, C., Myles, P. S., Ellis, M., Borg, B., Kerridge, R. K., Douglas, J., Brannan, J., Pretto, J., Godsall, M. G., Beauchamp, N., Allen, S., Kennedy, A., Wright, E., Malherbe, J., Ismail, H., Riedel,

B., Melville, A., Sivakumar, H., Murmane, A., Kenchington, K., Gurunathan, U., Stonell, C., Brunello, K., Steele, K., Tronstad, O., Masel, P., Dent, A., Smith, E., Bodger, A., Abolfathi, M., **Sivalingam, P.**, Hall, A., Painter, T., Macklin, S., Elliott, A., Carrera, A. M., Terblanche, N. C.S., Pitt, S., Samuels, J., Wilde, C., MacCormick, A., Leslie, K., Bramley, D., Southcott, A. M., Grant, J., Taylor, H., Bates, S., Towns, M., Tippett, A., Marshall, F., McCartney, C. J.L., Choi, S., Somascanthan, P., Flores, K., Beattie, W. S., Karkouti, K., Clarke, H. A., Jerath, A., McCluskey, S. A., Wasowicz, M., Granton, J. T., Day, L., Pazmino-Canizares, J., Hagen, K., Campbell, D., Short, T., Van Der Westhuizen, J., Higgie, K., Lindsay, H., Jang, R., Wong, C., Mcallister, D., Ali, M., Kumar, J., Waymouth, E., Kim, C., Dimech, J., Lorimer, M., Tai, J., Miller, R., Sara, R., Collingwood, A., Olliff, S., Gabriel, S., Houston, H., Dalley, P., Hurford, S., Hunt, A., Andrews, L., Navarra, L., Jason-Smith, A., McMillan, N., Back, G., Melo, M., Mamdani, M., Hillis, G., Wijeyesundera, H. C., and Thompson, H. (2019). Using the 6-minute walk test to predict disability-free survival after major surgery. *British Journal of Anaesthesia* 2019, 122 (1), 111-119. doi: 10.1016/j.bja.201

31. Short TG, Campbell D, Frampton C, Chan MTV, Myles PS, Corcoran TB, Sessler DI, Mills GH, Cata JP, Painter T, Byrne K, Han R, Chu MHM, McAllister DJ, Leslie K, ... P. Sivalingam et al. Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. *Lancet*. 2019 Nov 23;394(10212):1907-1914. doi: 10.1016/S0140-6736(19)32315-3. Epub 2019 Oct 20.

32. Corcoran TB, Myles PS, Forbes AB, O'Loughlin E, Leslie K, Story D, Short TG, Chan MT, Coutts P, Sidhu J, Cheng AC, Bach LA, Ho KM..... **P. Sivalingam** et al. The perioperative administration of dexamethasone and infection (PADDI) trial protocol: rationale and design of a pragmatic multicentre non-inferiority study. *BMJ Open*. 2019 Sep 6;9(9):e030402. doi: 10.1136/bmjopen-2019-030402.

33. Duminda N Wijeyesundera , W Scott Beattie , Graham S Hillis , Tom E F Abbott , Mark A Shulman , Gareth L Ackland , C David Mazer , Paul S Myles , Rupert M Pearse , Brian H Cuthbertson , Measurement of Exercise Tolerance before Surgery Study Investigators; P S Myles , M A Shulman , S Wallace , C Farrington , B Thompson , M Ellis , B Borg , R K Kerridge , J Douglas , J Brannan , J Pretto , M G Godsall , N Beauchamp , S Allen , A Kennedy , E Wright , J Malherbe , H Ismail , B Riedel , A Melville , H Sivakumar , A Murmane , K Kenchington , Y Kirabiyik , U Gurunathan , C Stonell , K Brunello , K Steele , O Tronstad , P Masel , A Dent , E Smith , A Bodger , M Abolfathi , **P Sivalingam** , A Hall et al. Integration of the Duke Activity Status Index into preoperative risk evaluation: a multicentre prospective cohort study. *Br J Anaesth* 2020 Mar;124(3):261-270.

34. Michael James Nelson , Justin Scott , **Palvannan Sivalingam**. Evaluation of Nottingham Hip Fracture Score, Age-Adjusted Charlson Comorbidity Index and the Physiological and Operative Severity Score for the enumeration of Mortality and morbidity as predictors of mortality in elderly neck of femur fracture patients.

35. Corcoran TB, Myles PS, Forbes AB, Cheng AC, Bach LA, O'Loughlin E, Leslie K, Chan MTV, Story D, Short TG, Martin C, Coutts P, Ho KM..... **P. Sivalingam** et al. Dexamethasone and Surgical-Site Infection. N Engl J Med. 2021 May 6;384(18):1731-1741. doi: 10.1056/NEJMoa2028982.

ABSTRACTS & LETTERS

C.Hawksworth, **P. Sivalingam**, A.J. Asbury. Music and anaesthetists psychomotor performance – Proceeding of the Anaesthetic Research Society meeting, March 1997, British Journal of Anaesthesia, August 1997, Page 139P (Abstract).

R. Kandasamy, **P. Sivalingam**. Endotracheal tube damage in the presence of bite block. Anesthesiology 1999; 90: 637.

CONTINUING EDUCATION

Regional & International Invited Lectures

- Dec 1991- Panel Discussion on "Anaesthesia for patients with Ischemic heart disease", XL Annual Conference, Indian Society of Anaesthetists.
- Dec 2001- Fast Track CABG surgery experience in Dunedin Hospital- Indian Society of Anaesthetists Annual Conference, Ahmedabad, India.
- Dec 2002- Avert-Alert- Achieve. Safety in Anaesthetic practice- Indian Society of Anaesthetists Annual Conference, Coimbatore, India.
- May 2005 - PBLD –facilitator – Vascular Anaesthesia- Thoraco-abdominal aortic aneurysm repair- Annual scientific meeting, ANZCA, Adelaide.
- Sept 2009 - Starch and renal function- Canberra Floriade meeting, ANZCA & ASA combined meeting.

Oral presentations

1. T. N. Jha Memorial Gold Medal for best paper - "Midazolam as an induction agent for

closed mitral commissurotomy" at Darbhanga, XL Annual Conference, India Society of Anaesthetists, 1991.

3. Best paper presentation award: Potassium homeostasis during and after cardiopulmonary bypass" - Indian Society of Anaesthetics , Chandigarh, 1993.

4. Anaesthetic Research Society Meeting, Leicester, U.K. Effect of music on Anaesthetists psychomotor performance, March, 1997.

5. Anaesthesia for Thoracoscopic spinal surgeries, National University Hospital, Singapore experience- Singapore society of anaesthesiologist meeting, November, 1997.

6. Pressure changes over the anterior neck during tracheal, oesophageal intubation, Annual scientific meeting, Singapore Society of Anaesthesiologist and Singapore-Malaysian Congress of Medicine, Singapore, August, 1998.

7. Conditions for LMA insertion - A comparison between propofol vs sevoflurane with or without alfentanil - Annual scientific meeting of Hong Kong Society of Anaesthetists, December, 1998.

8. Airway fire during KTP laser airway surgery- Annual scientific meeting, ANZCA, Hobart, May, 2003.

9. 2009 May- Lateralisation of the BIS sensor during carotid endarterectomy - Does it really matter? Paper presented in Annual scientific meeting, ANZCA, Cairns, Australia

10. 2009 May- facilitator- QA session, Annual scientific meeting, ANZCA, Cairns, Australia

Poster Presentations

2003 May Poster presentation - An unusual cause of locked jaw and its airway management. Annual scientific meeting, ANZCA, Hobart, Australia

2002 May Poster presentation - Rapid sequence induction of anaesthesia - Comparison between sevoflurane and thiopentone- Annual scientific meeting, Australian and New Zealand College of Anaesthetists (ANZCA), Brisbane, Australia

2000 November Poster presentation - Tracheal intubation without muscle relaxant- A technique using sevoflurane vital capacity induction and alfentanil- New Zealand Society of Anaesthetists Annual scientific meeting, CECANZ, Auckland

HONOURS AND AWARDS

1. T. N. Jha Memorial Gold Medal for best paper - "Midazolam as an induction agent for closed mitral commissurotomy" at Darbhanga, XL Annual Conference, Indian Society of Anaesthetists, 1991.
3. All India entrance examination for postgraduate residency program PGIMER, Chandigarh, India (1990) - came first for Anaesthesia residency program and came 30th over all for all the specialities - total candidates approx. 1800
4. Best paper presentation award: Potassium homeostasis during and after cardiopulmonary bypass" - Indian Society of Anaesthetics , Chandigarh, 1993.
8. Princess Alexandra hospital private practice research grants – received twice \$200,000 and \$100000

SPECIAL INTERESTS

1. Anaesthesia for Liver Transplant, vascular surgeries
2. Research
3. Teaching