

CURRICULUM VITAE
JANIL PUTHUCHEARY



CURRENT POSITIONS

Medical Director of Faculty Development, and Assistant Professor
Duke-NUS Graduate Medical School

Senior Consultant – Children's Intensive Care Unit, Department of
Paediatric Medicine, KK Women's and Children's Hospital

Head of the Department of Paediatric Subspecialties
KK Women's and Children's Hospital

Member of Parliament for Pasir Ris – Punggol GRC

PRIOR EMPLOYMENT

01/06 –01/10 **Director** – Simulation Centre, KK Hospital

05/06 -04/10 **Consultant** – Children's Intensive Care Unit, Department of
Paediatric Medicine, KK Hospital

01/05 -04/06 **Associate Consultant** – Children's Intensive Care Unit,
Department of Paediatric Medicine, KK Hospital

01/05- 01/08 **Director** – Children's Hospital Emergency Transport Service,
KK Women's and Children's Hospital

02/01-12/04 **Registrar** – Departments of Paediatric Medicine and
Neonatology, KK Women's and Children's Hospital, Singapore.

01/00-01/01 **Registrar** – Children's Hospital, Westmead, Sydney, Australia
New South Wales neonatal and paediatric Emergency
Transport Service; and Neonatal Intensive Care

08/96-08/99 **Senior House Officer**
Royal Brompton Hospital, London, UK
Hammersmith Hospital, London, UK
The Whittington Hospital, London, UK
Royal Belfast Hospital for Sick Children, UK

08/95-07/96 **House Officer** - Royal Victoria Hospital, Belfast, UK

ACADEMIC QUALIFICATIONS

Advanced Specialist Trainee (Paediatric Medicine)(Singapore) – Exit Nov 2004

Fellowship in paediatric critical care transport and neonatology, Children's Hospital Westmead, Sydney, NSW, Australia, 2000

MRCPCH (UK) - November 1998

MRCP (UK) (Paediatrics) - July 1998

Queen's University of Belfast - Faculty of Medicine, 1990-1995

Graduated June 1995, MB BCh BAO

PAPERS

J Vadivelu, SD Puthuchear, YW Chee, B Melle, A Mitin, **J Puthuchear**. Haemolysins and plasmid profiles of *Vibrio parahaemolyticus*. *SouthEast Asian Journal of Tropical Medicine and Public Health* 1996;27(1):126-131

J Puthuchear, D Lim, I Chan, OM Chay, P Choo. Paediatric Severe Acute Respiratory Syndrome in Singapore - *Arch Dis Child*. 2004 Jun;89(6):551-6.

Chan YH, Chong CY, **J Puthuchear**, Loh TF. Ecthyma gangrenosum: a manifestation of Pseudomonas sepsis in three paediatric patients. *Singapore Medical Journal* 2006;47:1080-1083

FS Lim, M Foo, D Kanagalingam, R Lim, J Bahadin, TK Leong, TF Loh, **J Puthuchear**, TE Tan, JL Tan, R Tan, E Koh, J Tong, D Idris, MC Kong, LL Tan, A Ong, E Chee. Enhancing Patient Care through Telecare, Telemedicine, and Personalised Patient Education in Singapore Health Services. *Synthesis* 2007(5);93-102.

J Puthuchear. The Paediatric Simulation Training Centre. *KK Hospital Review* 2007(10); 12-13

J Puthuchear, The Children's Hospital Emergency Transport Service (CHETS). *KK Hospital Review* 2007(10); 24-25

S Cook, **J Puthuchear**, R Kamei – Is it Learning or is it a Prelude to Cheating. *Journal of the International Association of Medical Science Educators* 2008(18):55-59.

Mok YH, **J Puthuchear**. Palliation and the transport of critically ill pediatric patients to their home. *KK Hospital Review Vol 12 (1)*, Nov 2009

Puthuchear J, Graham D, Gullo C, Hwang NC, Oon L, Tan SY, Cook S (2009). Body & Disease 2008: An integrated Course Teaching Pathology, Pharmacology, Immunology and Microbiology. *SGH Proceedings*, 3, 55-60.

Lee JH, **J Puthuchear**. Transport of Critically Ill Neonates with Cardiac Conditions. *Air Medical Journal*. 2010; 29(6):320-322

PUBLISHED ABSTRACTS

Lee JH, **J Puthuchear**, Chan YH, Mok YH, Yeo JG, Loh TF. Vasopressin and copeptin levels in children with sepsis. *Crit Care Med* 2009 Vol. 37, No. 12 (suppl) A241

ORAL / POSTER PRESENTATIONS

J Puthucheary, I Char, TF Loh. Continuous Cardiac Output Monitoring in Asian Paediatric Patients. Oral Presentation at the 12th Congress of the Western Pacific Association of Critical Care Medicine, Bali, August 2002

J Puthucheary, I Char, Loh TF, Loh LE, Chan YH. Paediatric Emergency Transport in Singapore, A New Regional Service. Poster Presentation at the ANZICS ASM, Melbourne October 2004

J Puthucheary, Loh TF, Chan YH, Bhavani S. Maintaining Standards in a Low-volume Transport Service. Oral presentation at the ANZICS 31st ASM 2006, Tasmania, Australia

Lee JH, **J Puthucheary**. Transport of Paediatric Patients With Congenital and Acquired Heart Conditions. Oral Presentation in the European Symposium of Pediatric Cardiac Intensive Society, Monte Carlo, Monaco, March 2008

Lee JH, **J Puthucheary**. Transport of Critically Ill neonates with cardiac conditions. Poster Presentation at the 12th Annual update on Paediatric Cardiovascular Disease. Bahamas, USA, February 2009

J Puthucheary, S Cook. Comprehensive use of Team Based Learning in 1st Year Medical School: Challenges and Excitements. Oral presentation at the Team Based Learning Conference, University of Texas, Austin, Texas, USA. March 2009

Mok YH, **J Puthucheary**, Loh TF. Airway pressure Release Ventilation in Critically Ill Paediatric patients. Poster presentation. International Meeting of World Federation of Paediatric Intensive and Critical Care Societies, Florence 2009

Lee JH, **J Puthucheary**, Chan YH, Mok YH, Yeo JG, Loh TF. Vasopressin and copeptin levels in children with sepsis. Poster in the 39th Critical Care Congress, Florida, United States 2010

J Puthucheary, D Graham, S Cook. Modifications to the Readiness Assurance Process of Team Based Learning. Poster presentation at the Team Based Learning Conference, New Orleans, USA. March 2010

J Puthucheary, SH Goh, D Graham, S Cook. Faculty and student attitudes toward a modified approach to the Readiness Assurance Process of Team Based Learning. Poster presentation at the Association of Medical Educators of Europe (AMEE), Glasgow, Scotland, September, 2010

J Puthucheary, SH Goh, D Graham, S Cook. An assessment of outcomes from a modification to the readiness assurance process of team based learning. Oral presentation at the Team Based Learning Conference, Las Vegas, USA. March 2011

Lee JH, **J Puthucheary**, Chan YH, Mok YH, Yeo JG, Loh TF. Vasopressin and copeptin levels in children with sepsis. Poster in the 6th World Congress of Pediatric Critical Care, Sydney, Australia, March 2011

OTHER PUBLICATIONS

S Rajadurai, **J Puthucheary**, NK Ho. Hypotension in the Newborn. Chapter in "Recent Advances in Pediatrics" – ed. Suraj Gupte 2003

J Puthucheary. The KK Children's Hospital Emergency Transport Service - Chapter in "The Baby Bear Book – A practical guide on paediatrics", 2008

J Puthucheary, TH Tan, CL Tan, KB Phua, editors. The Baby Bear Book – A practical guide on paediatrics, 2008 and 2010

Mok YH, Chan YH, **J Puthucheary**. Acid Base management in Paediatrics. Textbook of Emergency Medicine - Vol. 1 & 2. David, Brown, Nelson, Banerjee, Anantharaman, et al. Wolters Kluwer Health (Lippincott, Williams and Wilkins) 2012

Mok YH, Chan YH, **J Puthucheary**. Fluid management in Paediatrics. Textbook of Emergency Medicine - Vol. 1 & 2. David, Brown, Nelson, Banerjee, Anantharaman, et al. Wolters Kluwer Health (Lippincott, Williams and Wilkins) 2012

GRANTS

Loh TF, Chan I, **J Puthucheary**, Lee AN. Paediatric Critical Care Database and Disease Registry, 2002 – 2005. Singhealth Cluster Research Grant

J Puthucheary, A Ng, Ng KC. The National Paediatric Resuscitation Simulation Centre 2006 – 2008. Singhealth Foundation grant.

J Puthucheary, K Kwek, BH Quek. Expansion of the Simulation Training Centre to include Obstetrics, Perinatology and Communication skills training 2008 – 2010. Singhealth Foundation grant.

Lee JH, **J Puthucheary**, Chan YH – Serial vasopressin and copeptin levels in children with sepsis and septic shock. 2008 – 2010, National Medical Research Council grant.

IN PROGRESS

Clinical Supervisor of Dr YEO Joo Guan – recipient of MOH-NRF scholarship to pursue a joint PHD and Paediatric Critical Care AST training programme, with the research component focusing on congenital disorders of innate immunity.

J Puthucheary, TH Tan, CL Tan, KB Phua, editors. The Baby Bear Book – A practical guide on paediatrics, 2012

J Puthucheary, Goh SH, D Graham, S Cook. Retention and Improved Understanding as a Result of Modifications to the TBL process. Submission for the Team Based Learning Conference, USA. March 2012

Lee JH, Chan YH, Lai OF, **Puthucheary J**. Serial vasopressin and copeptin levels in children with sepsis and septic shock. Submitted for publication.

R Kamei, S Cook, **J Puthucheary**, F Starmer. 21st Century Learning in Medicine: Traditional Versus Team Based Learning. Submitted for publication.

OTHER POSTS AND AWARDS

Best Course Director – Duke-NUS Faculty Awards 2008
Outstanding Innovator – Duke-NUS Faculty Awards 2009
Peer Reviewer – MedEdPortal – Association of American Medical Colleges – 2008-12
Instructor – Fundamentals of Critical Care Support (Society of Critical Care Medicine)
Instructor – Paediatric Resuscitation and Life Support (Society of Emergency Medicine, Singapore)
Course Director - Advanced Resuscitation of Children (SPS, KKH, Singapore)
Director of Resuscitation Courses - Singapore Paediatric Society 2007
Lecturer - Paediatric Intensive Care Nursing Course, Singapore
Outstanding Young Teacher award – 2005/06, NUS YLL School of Medicine
Problem Based Learning tutor, NUS, 2005
Trainer in Neonatology – Joint Committee on Specialist Training, Singapore. May 2008 onwards
Clinical Tutor – NUS Yong Loo Lin School of Medicine – 2004 onwards

Team Leader for medical team deployed to Banda Aceh, Sumatra, Feb 2005 to assist with disaster relief, working in primary and secondary health care settings.

KKH operations coordinator for earthquake relief mission to Yogyakarta, June 2006.

Team Member – SIF/KKH project in Cambodia, at the National Children's Hospital, Phnom Penh, Resuscitation Training - 2005

Duke-NUS Pioneer Award 2011
Duke-NUS Outstanding Educator Award 2011

SingHealth Young Leader Award 2012

COMMITTEES AND SOCIETIES

SICM General Scientific Meeting 2005 – Treasurer
Society of Intensive Care Medicine – Singapore, Treasurer 2003 – 2005, Life Member 2001 onwards
Clinical Audit and Evidence Based Medicine Committee, KKH, Head 2006, (member 2003 onwards)
Emergency Drug Committee, KKH 2003, Member
Emergency Transport Committee, KKH, Head 2006, (member 2001 onwards)
DRG Committee, KKH 2003, Member
MMEJ/MRCPCH Exam Committee, KKH, 2003 to 2005, Member
Medical Officer Training Committee, KKH, 2004, Member
GP Newsletter Committee, KKH, 2003-06, Member
KK International Disaster Response Committee, 2005 onwards, Member
KK Healthy Lifestyle Committee, 2005, Member
KK Undergraduate Education Committee, 2005-06, Member
NUS Clinical Skills Course Committee, 2005 onwards, Member
Singhealth Cluster Electronic Radiology Focus Group – 2006, Member
Scientific Committee, KKH Annual Scientific Meeting 2006, Member
Why Not Committee – KKH 2006 onwards, Member
KKH Annual Scientific Meeting 2007, Co-Chair
Scientific Committee, KKH Annual Scientific Meeting 2007, Chair
Singhealth EMR Steering Committee – 2006-09, Member
Medical Board, KKH – 2007-2012, Member
Simulation Committee, KKH 2007 onwards, Chair
Committee on Acceptable Service Standards for Subsidized Patients and Talent Retention in the Public Healthcare System – Ministry of Health, Singapore, 2007, Member
Paediatric Medicine Education and Training Committee – 2009, Chair
Continuity and Accountability Workgroup, KKH – 2009, Chair
Singhealth and Duke-NUS Congress 2010 Organising and Scientific Committees, Member

Duke-NUS Year One Curriculum Committee – 2007 onwards, Member
SingHealth Clinician Career Model Workgroup – 2010, Member
Singhealth Paediatric Residency Programme – 2010 onwards, Clinical Physician Faculty
E-drug and Resus Trolley Review Committee – 2011, Chair

OTHER ROLES AND RESPONSIBILITIES

Select Committee on Nominated MPs – Member
Government Parliamentary Committee for Transport – Member
Government Parliamentary Committee for Home Affairs and Law – Member
HOPE Appeals Committee, MCYS - Member
People's Association – Board Member
People's Association – Community Centre Naming Committee – Chair
People's Association – Awards Adjudication Panel - Member
People's Association, Adviser to Grassroots Organisations, Pasir Ris – Punggol
Pasir Ris – Punggol Town Council - Member
Young PAP – Adviser
PAP Community Foundation Exco – Member
Fo Guan Shan Temple – Adviser
Malayalam Language Education Society - Adviser