

2016 Journal Publications

1. K.S. Wee, F.C.K. Tan, Y.P. Cheong, S. Khanna, C.M. Low. Ontogenic Profile and Synaptic Distribution of GluN3 Proteins in the Rat Brain and Hippocampal Neurons. *Neurochemical Research* 2016; 41(1): 290-297.
2. Chen FG, Ti LK, Dong C. Call for a systematic approach to teaching trauma in medical schools. *Med Teach.* 2016 Jan; 38(1): 101.
3. Lee DW, Thampi S, Yap EP, Liu EH. Evaluation of a smartphone camera system to enable visualization and image transmission, to aid tracheal intubation with the Airtraq® laryngoscope. *J Anesth.* 2016 Jun; 30(3): 514-7.
4. Chew S, Ng R, Liu W, Goh SG, Caleb MG, Ti LK. Miniaturized versus conventional cardiopulmonary bypass and acute kidney injury after cardiac surgery. *Perfusion.* 2016 Jan;31(1):60-7.
5. Ng RR, Tan GH, Liu W, Ti LK, Chew ST. The Association of Acute Kidney Injury and Atrial Fibrillation after Cardiac Surgery in an Asian Prospective Cohort Study. *Medicine (Baltimore)* 2016 Mar;95(12): e3005.
6. Harish Mithiran, Jai Sule, Faizus Sazzad, Yilin Ong, Lian Kah Ti and Theo Kofidis. Video-assisted thoracoscopic surgery atrial clipping for atrial fibrillation. *Asian Cardiovascular & Thoracic Annals.* 2016 May;24(4):372-4.
7. Swapna Thampi, Balakrishnan Ashokka, Florian Beske. Difficult Airway in an Infant with Acute Superior Vena Cava Syndrome following Central Venous Catheterisation. The Association of Anaesthetists of Great Britain and Ireland Anaesthesia Cases (online publication at <http://www.anaesthesiacases.org/case-reports/2016-0006>). 11 Feb 2016.
8. Liaw SY, Wong LF, Lim EY, Ang SB, Mujumdar S, Ho JT, Mordiffi SZ, Ang EN. Effectiveness of a Web-Based Simulation in Improving Nurses' Workplace Practice With Deteriorating Ward Patients: A Pre- and Postintervention Study. *J Med Internet Res.* 2016 Feb 19;18(2):e37.
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10. Liu EH, Tan Y, Loh NH, Siau C. Potential rapid solutions to maintain ventilation in the event of anaesthesia machine failure with no access to the patient's airway. *Anaesth Intensive Care.* 2016 May;44(3):376-81.
11. Kumar N, Zaw AS, Khine HE, Maharajan K, Wai KL, Tan B, Mastura S, Goy R. Blood Loss and Transfusion Requirements in Metastatic Spinal Tumor Surgery: Evaluation of Influencing Factors. *Ann Surg Oncol.* 2016 Jun;23(6):2079-86.
12. Sok Ying Liaw, Lai Fun Wong, Sophia Bee Leng Ang, Jasmine Tze Yin Ho, Chiang Siau, Emily Neo Kim Ang. Strengthening the Afferent Limb of Rapid Response Systems: An Educational Intervention Using Web-based Learning for Early Recognition and Responding to Deteriorating Patients. *BMJ Quality Safety* 2016 Jun;25(6):448-56.
13. L. Q. Liew, W. W. Teo, B. H. Tan, S. M. Leong and A. Y. Tan. Ease of Intubation with the Mcgrath® Mac, C-Mac® or Macintosh Laryngoscopes by Novice Operators in Simulated Difficult Airways – A Manikin Study. *British Journal of Medicine & Medical Research* 2016; 16(8): 1-6.
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15. Ashokka B, Narendiran, Bhattacharya A, Pai D, Liang S, Subramanian S, Larmie ET, Chen FG. Inherent variability in airway characteristics of simulation manikins: is it time we standardised assessments of crisis management skills? *BMJ simulation and Technology Enhanced Learning (BMJ STEL)*. Published 18th August 2016 doi: 10.1136/bmjstel-2016-000109.
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17. Tan C, Lee SS, Yeo SY, Ashokka B, Samarasekera DD. Developing metacognition through effective feedback. *Medical Teacher.* 2016 Sep;38(9):959.
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19. Loh May-Han, Lean Lyn Li, Ng Bryan Su Wei, Loh Will Ne-Hooi. Inadvertent spinal injection of ondansetron. *J Anesth.* 2016 Dec;30(6): 1071-1073.

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1. Chang G, Lim RT, Vu TD, Kofidis T, Ti LK. Three-Dimensional Transesophageal Echocardiography in the Excision of a Myocardial Pseudoaneurysm. *Anesth Analg.* 2015 Dec;121(6):1464-6.
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7. Saito T, Wong ZW, Thinn KK, Poon KH, Liu E. Review of critical incidents in a university department of anaesthesia. *Anaesth Intensive Care.* 2015 Mar;43(2):238-43.
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10. Yeoh TY, Chan KB, Yeo LS, Liu EH, Pan TL. An evaluation of the I-gel supraglottic airway in 70 pediatric patients. *J Anesth.* 2015 Apr;29(2):295-8.
11. Rui Ge Ng, Sophia Tsong Huey Chew, Weiling Liu, Peng-Guan Ong, Michael George Caleb, Lian Kah Ti. The inflammatory response between miniaturised and conventional cardiopulmonary bypass after cardiac surgery in an Asian population. *Perfusion.* 2015 Sep;30(6):487-94.
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15. Tikki Pang, Kee Seng Chia, Yap Seng Chong, Eugene Liu, Kishore Mahbubani, John Wong, Khay Guan Yeoh. Human Wellbeing and Security: a Whole of Planet Approach. *The Lancet.* 2015 Jan 31; 385(9966): 395-6.
16. Tikki Pang, Yap Seng Chong, Hildy Fong, Eva Harris, Richard Horton, Kelley Lee, Eugene Liu, Kishore Mahbubani, Mari Pangestu, Khay Guan Yeoh, John Eu-Li Wong. Yes we can! The Raffles Dialogue on Human Wellbeing and Security. *Lancet Global Health.* 2015 Aug; 3(8): e496-500.
17. Thang D Vu , Shripad N Pal, Lian Kah Ti, Eliana C Martinez, Rufaihah A Jalil, Lieng H Ling, Chuen-Neng Lee, Mark A Richards, Theodoros Kofidis. An autologous platelet-rich plasma hydrogel compound restores left ventricular structure, function and ameliorates adverse remodeling in a minimally invasive large animal myocardial restoration model: a translational

approach: Vu and Pal "Myocardial Repair: PRP, Hydrogel and Supplements". *Biomaterials*. 2015 Mar;45:27-35.

18. Sim Ming Ann, Liu Weiling, Ng Roderica RG, Ti Lian Kah, Chew Sophia TH. Wider Perioperative Glycemic Fluctuations Increase Risk of Postoperative Acute Kidney Injury: A Prospective Cohort Study. *Medicine*. 2015 November, 94(44): e1953.
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20. Sok Ying Liaw, Lai Fun Wong, Sophia Bee Leng Ang, Jasmine Tze Yin Ho, Chiang Siau, Emily Neo Kim Ang. Strengthening the Afferent Limb of Rapid Response Systems: An Educational Intervention Using Web-based Learning for Early Recognition and Responding to Deteriorating Patients. *BMJ Qual Saf*. Epub: 21 August 2015.
21. Liaw SY, Wong LF, Chan SW, Ho JT, Mordiffi SZ, Ang SB, Goh PS, Ang EN. Designing and evaluating an interactive multimedia Web-based simulation for developing nurses' competencies in acute nursing care: randomized controlled trial. *J Med Internet Res*. 2015 Jan 12;17(1):e5.
22. Naresh Kumar, Qasim Ahmed, Victor K. M. Lee, Aye Sandar Zaw, Raymond Goy, Hee Kit Wong. Are We Ready for the Use of Intraoperative Salvaged Blood in Metastatic Spine Tumour Surgery? *Eur Spine J*. Epub 19 July 2015.
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24. Xi Yang, Taezoon Park, Kewin Siah, Sophia BL Ang, Yoel Donchin. One size fits all? Challenges faced by physicians during shift handovers in a hospital with high sender/recipient ratio. *Singapore Med J*. 2015 Feb;56(2):109-15.
25. Jason Phua, FRCP; Gavin M. Joynt, FRCP; Masaji Nishimura, MD; Yiyun Deng, MD; Sheila Nainan Myatra, MD; Yiong Huak Chan, PhD; Nguyen Gia Binh, MD; Cheng Cheng Tan, MBBS; Mohammad Omar Faruq, MD; Yaseen M. Arabi, MD; Bambang Wahjuprajitno, MD; Shih-Feng Liu, MD; Seyed Mohammad Reza Hashemian, MD; Waqar Kashif, MD; Dusit Staworn, MD; Jose Emmanuel Palo, MD; Younsuck Koh, MD. (Joined as collaborators and site investigators: Addy YH Tan). Withholding and Withdrawal of Life-Sustaining Treatments in Intensive Care Units in Asia. *JAMA Intern Med*. 2015;175(3):363-371.

2015 Book Publications

1. Ashokka Balakrishnan. Text book of critical care. Chapter No 79 : Integrating palliative care in intensive care. Eds; Mehta Y, Sharma J & Gupta MK. 2015, Jaypee
2. Ashokka Balakrishnan. Essentials of Paediatric anaesthesia and Intensive Care. Section 4 - Intensive care: "The Critically ill child". Ed Ahuja S. 2015, in Press.
3. Russell Allan, Andrea Baldwin, Anna Batchelor, Ne-Hooi Will Loh, et al. Guidelines for the Provision of Intensive Care Services. 2015.

2014 Journal Publications

1. Sophia Tsong Huey Chew, Lian Kah Ti. Ethnicity and acute kidney injury: the correct definition of acute kidney injury? *British Journal of Anaesthesia*. 2014 Jan; 112(1):177.
2. Roderica Rui Ge Ng, Sophia Tsong Huey Chew, Weiling Liu, Liang Shen, Lian Kah Ti. Identification of modifiable risk factors for acute kidney injury after coronary artery bypass graft surgery in an Asian population. *The Journal of Thoracic and Cardiovascular Surgery*. April 2014, 1356-1361.
3. Sok Ying Liaw, Sally Wai-Chi Chan, Fun-Gee Chen, Shing Chuan Hooi, Chiang Siau. Comparison of virtual patient simulation with mannequin-based simulation for improving clinical

- performances in assessing and managing clinical deterioration: randomized controlled trial. *Journal of Medical Internet Research*. 2014 September 17; 16(9):e214.
4. Tze Yeng Yeoh, Federica Scavonetto, Toby N. Weingarten, R. Jeffrey Karnes, Camille M. van Buskirk, Andrew C. Hanson, Darrell R. Schroeder and Juraj Sprung Perioperative allogeneic nonleukoreduced blood transfusion and prostate cancer outcomes after radical prostatectomy. *Transfusion* 2014 Sep;54(9):2175-81.
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 9. Rui Ge Ng, Sophia Tsong Huey Chew, Weiling Liu, Lian Kah Ti. Persistent kidney injury at hospital discharge after cardiac surgery with cardiopulmonary bypass in patients with normal preoperative serum creatinine and normal estimated glomerular filtration rate. *Journal of Cardiothoracic and Vascular Anesthesia*. 2014 Dec;28(6):1453-8.
 10. Sophia BL Ang, Sandhya Mujumdar, Seow Li Ching, Raymond Goy. Our experience as an academic medical centre in the early recognition and management of the deteriorating patient in the general ward-a patient safety challenge. *Anesthesia Intensive Care*. 2014 Nov; 42(6):810-1.
 11. Ang SB, Hing WC, Tung SY, Park T. Experience with the use of the Codonics Safe Label System (™) to improve labelling compliance of anaesthesia drugs. *Anaesthesia Intensive Care*. July 2014; 42(4):500-6.
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 14. Naresh Kumar, Qasim Ahmed, Victor K M Lee, Yongsheng Chen, Aye Sandar Zaw, Raymond Goy, Rohit Vijay Agrawal, Aisha Naheed Dhewar, Hee Kit Wong. Can there be a place for intraoperative salvaged blood in spine tumor surgery? *Annals of surgical oncology*. 2014 Jul; 21(7):2436-43.
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 17. Sok Ying Liaw, Chiang Siau, Wen Tao Zhou, Tang Ching Lau. Interprofessional simulation-based education program: A promising approach for changing stereotypes and improving attitudes toward nurse-physician collaboration. *Applied Nursing Research*. 2014 Nov;27(4):258-60.
 18. Guohao Chang, Vu duc Thang, Kristine Leok Kheng Teoh, Lian Kah Ti, Theodoros Kofidis. Sutureless aortic valve implantation: first experience in Asia. *Singapore Medical Journal*. 2014; 55(11): 1-3
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23. Vivienne H Ng, Charis EH Khoo, Sophia BL Ang, Agasthian T. Double lumen tube insertion in the potentially difficult airway: A low-skill technique. *British Journal of Anaesthesia*. 12 March 2014. http://bjaoxfordjournals.org/forum/topic/brjana_el%3B11149
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2014 Book Publications

1. Tat Leang Lee and Zhen Zheng "Acupuncture Pain Research: Quantitative and Qualitative." *Acupuncture for Pain Management*. 2014.

2013 Journal Publications

1. EH Liu. Linking pay and performance. *British Journal of Anaesthesia* 111 (4):526-8, 2013.
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10. Kok Yuen Ho, Nicholas HL Chua, Jane M George, Sow Nam Yeo, Norhisham Bin Main, Chee Yong Choo, James WT Tan, Kian Hian Tan, Beng Yeong Ng. Evidence-based guidelines on the use of opioids in chronic non-cancer pain – a consensus statement by the pain association of Singapore task force. *Annals Academy of Medicine* March 2013, Vol. 42: No.3.
11. Fan TW, Ti LK, Islam I. Comparison of dexmedetomidine and midazolam for conscious sedation in dental surgery monitored by bispectral index. *Br J Oral Maxillofac Surg*. 2013 Jul;51(5):428-33.

12. Aileen Ling Wan Tan, Raymond Goy. Anaesthetic management of a patient with Leigh's syndrome with central hypoventilation and obstructive sleep apnoea. *Singapore Med J* 2013; 54(12): e250-e253.

2012 Journal Publications

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6. Thanaporn L, Ti LK, Shivani M, Lye ST, Tan SA, Shen L, Kang DSC. Anatomical variations of the internal jugular vein: implications for successful cannulation and risk of carotid artery puncture. *Singapore Med J* 2012; 53(5): 325-328.
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8. Ignacio JJ, Chan MF, Teo SH, Tsen LMM, Goy R. Research in brief – The effect of music on pain, anxiety, and analgesic use on adults undergoing an orthopaedic surgery: A pilot study. *Singapore Nurs J* 2012: 39 No. 4, Oct – Dec 2012.
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3. Saw S, Loh TP, Ang SBL, Yip JW, Sethi SK. Meeting regulatory requirements by the use of cell phone text message notification with autoescalation and loop closure for reporting of critical laboratory results. *Am J Clin Pathol* 2011; 136:30-34.
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2010 Journal Publications

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2009 Journal Publications

1. EHC Liu, R Wender and AJ Goldman. The LMA CTrach™ in patients with difficult airways (case report). *Anesthesiology* 2009 Apr; 110(4): 941-943.
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