

# Curriculum Vitae

**Dr. Jacqueline Ong**

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**Name:** Jacqueline Soo May **Ong**

**Qualifications:** MB BChir (Cantab), M.A (Cantab), MRCPCH (U.K.), M. Med (Paeds)

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## EDUCATION

13 Mar 2017 Certificate of Specialist Accreditation (Paediatric Intensive Care), Ministry of Health, Singapore

1 Nov 2010 Certificate of Specialist Accreditation (Paediatric Medicine), Ministry of Health, Singapore

18 Oct 2007 Master of Medicine (Paediatric Medicine), National University of Singapore

1 Oct 2007 Membership of the Royal College of Paediatrics and Child Health, UK

20 Mar 2004 Master of Arts, University of Cambridge, UK

25 Jan 2003 Bachelor of Medicine, Bachelor of Surgery (MB BChir), University of Cambridge, UK

1 July 2000 Bachelor of Arts, University of Cambridge, UK

## LICENSING

15 Sept 2017 Certificate of Specialist Registration (Paediatric Intensive Care), Singapore Medical Council

4 Nov 2010 Certificate of Specialist Registration (Paediatric Medicine), Singapore Medical Council

30 Aug 2005 Certificate of Medical Registration (Full), Singapore Medical Council

9 March 2004 Certificate of Medical Registration (Provisional), Singapore Medical Council

4 Feb 2004 Certificate of Full Registration as a Medical Practitioner, General Medical Council, UK

## SCHOLARSHIPS AND AWARDS

Dec 2022 The Public Administration Medal (Bronze) (COVID-19), Prime Minister's Office, Singapore

March 2011 National University Healthcare System 2011 Academic Medicine Development Award – Clinical Fellowship in Paediatric Critical Care, Hospital for Sick Children, Toronto, Canada

April 2002 Timson, Welbourn and Tyars Fund Award

April 2002 Medical Women's Federation (Cambridge) Bursary

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Mar 2001	Book Prize, Oxford and Cambridge Society, Singapore
Jun 2000	Undergraduate Prize for Physiology, The Physiological Society, UK
Jun 2000	Natural Sciences Tripos, Physiology – 1 <sup>st</sup> Class Honours
June 1999	Medical & Veterinary Sciences Tripos IB – 1 <sup>st</sup> Class Honours
June 1998	Medical & Veterinary Sciences Tripos IA – 1 <sup>st</sup> Class Honours
1997 – 2000	Cambridge Commonwealth Trust Scholarship

**EMPLOYMENT**

22 Aug 2022 – current	Adjunct Associate Professor, Yong Loo Lim School of Medicine, National University of Singapore
1 Jan 2018 – current	Senior Consultant, Dept of Paediatrics, National University Hospital, Singapore
1 April 2017 – current	Division Head, Paediatric Intensive Care Unit, National University Hospital, Singapore
1 June 2014 – current	Asst Professor, Dept of Paediatrics, National University of Singapore
1 Jan 13 – 31 Dec 17	Consultant, Dept of Paediatrics, National University Hospital, Singapore
1 Jul 11 – 31 Dec 12	Clinical Fellow, Dept of Critical Care Medicine, Hospital for Sick Children, Toronto, Canada
4 Nov 10 – 31 Dec 12	Associate Consultant, Dept of Paediatrics, National University Hospital, Singapore
1 Nov 07- 3 Nov 10	Registrar (Advanced Specialist Trainee), Dept of Paediatrics, National University Hospital, Singapore
3 May 05 – 30 Oct 07	Medical Officer (Basic Specialist Trainee), Dept of Paediatrics, National University Hospital, Singapore
1 Nov 04 – 2 May 05	Medical Officer, Dept. of Paediatrics, National University Hospital, Singapore
9 Mar - 30 Oct 04	Medical Officer, Dept of Neonatology, National University Hospital, Singapore
1 Oct 03- 3 Feb 04	House Officer, Dept of Vascular Surgery, Ipswich Hospital NHS Trust, UK
4 Jun – 30 Sept 03	House Officer, Dept of Elderly Medicine, Ipswich Hospital NHS Trust, UK
4 Feb- 3 Jun 03	House Officer, Dept of Paediatrics, Ipswich Hospital NHS Trust, UK
Oct 2000- Jun 2001	College Supervisor in Physiology, University of Cambridge, UK

**SOCIETIES AND OFFICES HELD**

Aug 2022 – Jul 2024	Secretary, Executive Committee, World Federation of Pediatric Intensive and Critical Care Societies
Oct 2021 – Oct 2023	Secretary, Executive Committee, Society of Intensive Care Medicine, Singapore
Feb 2021 – Feb 2023	Editor, Journal of Paediatrics and Child Health.
Dec 2020 – Jun 2022	International Scientific Committee Member, 11 <sup>th</sup> Congress for the World Federation of Pediatric Intensive Care and Critical Care Societies (WFPICCS 2020), Cape Town, South Africa
Mar 2020 – Mar 2023	Executive Committee Member, Pediatric Acute and Critical Care Asian Network

Jul 2019 – Oct 2021	Executive Committee Member, Society of Intensive Care Medicine, Singapore
Jun 2018 – Dec 2020	International Scientific Committee Member, 10 <sup>th</sup> Congress for the World Federation of Pediatric Intensive Care and Critical Care Societies (WFPICCS 2020), Virtual Edition
Apr 2018 – Mar 2023	Paediatric Sub-Committee Member, Singapore Resuscitation and First Aid Council
Jun 2016 – Jun 2018	Scientific Chair, 9 <sup>th</sup> Congress for the World Federation of Pediatric Intensive Care and Critical Care Societies (WFPICCS 2018), Singapore 2018
1 Aug 2013 – current	Chairperson, Global Aid Programme Fund, Dept of Paediatrics, NUHS
1 May 2013 – current	Core Faculty, NUHS Paediatric Residency
July 2012 – Jan 2013	Chief Fellow, Dept of Critical Care Medicine, Hospital for Sick Children, Toronto, Canada
May 2009 – April 2011	Executive Committee Member, Singapore Paediatric Society
Aug 2008 – current	Clinical Tutor, Yong Yoo Lin School of Medicine, National University of Singapore
Nov 2007-Jan 2009	Chief Resident, Dept of Paediatrics, National University Hospital, Singapore
October 2007 - current	Member, Royal College of Paediatrics and Child Health, UK

**ROLES IN EDUCATION**

Nov 2016	Certificate in Medical and Health Professions Education, Centre for Medical Education, Yong Loo Lin School of Medicine, National University of Singapore
May 2014 – current	Asst Professor, Clinician Educator Track, Yong Loo Lin School of Medicine, National University of Singapore
May 2013	Harvard CMS' Institute for Medical Simulation - Simulation as a Teaching Tool: Instructor Course
May 2013 – current	Core Faculty, NUHS Paediatric Residency -Annual postgraduate teaching scores consistently > 7.9 out of 9.
2013 – current	Dept of Paediatrics Annual Teaching Excellence Award -Have been awarded yearly since 2013 for excellence in interactive and didactic teaching for undergraduate medicine. - Undergraduate teaching feedback scores for interactive and didactic consistently above 4.3 out of 5.
2007-2014	Clinical Tutor, Yong Yoo Lin School of Medicine, National University of Singapore

**RESEARCH****Peer Reviewed Publications**

- Apr 2022 Ngiam, N, Kristy X Fu, **Jacqueline SM Ong**. Impact of “just-in-time” simulation training for COVID-19 pandemic preparedness. TAPS 2022, 7(2), 17-26.
- Jan 2022 Wong JJM, **Ong JSM**, Ong C et al. Protein supplementation versus standard feeds in underweight critically ill children: a pilot dual centre randomised controlled trial protocol. BMJ Open 2022; 12: e047907. Doi: 10.1136/bmjopen-2020-047907
- October 2021 Balit CR, LaRosa JM, **Ong JSM**, Kudchadkar SR. Sedation protocols in the pediatric intensive care unit: fact or fiction? Transl Pediatr 2021 Oct; 10(10): 2814-2824.
- October 2021 Chong S-L, Qian S, Yao SHW, Allen JC, Dang H, Chang LCN, Gan CS, **Ong JSM**, Kurosawa H, Lee JH. Early Posttraumatic seizures in pediatric traumatic brain injury: a multicentre analysis. J Neurosurg Pediatr 1-7 Oct 2021.
- Sept 2021 Lanziotti VS, Dewan M, Behrens D, Bulut Y, Miller J, **Ong JSM**, Kuchadkar, S. Gender Equity and Diversity in Pediatric Critical Care Medicine: We Must Do Better. J Pediatr Intensive Care 2021 DOI: 10.1055/s-0041-1735871
- April 2021 Chong S-L, Dang H, Ming M, Mahmood M, Zheng CQS, Gan CS, Lee OPE, Li J, Chan LCN, **Ong JSM**, Kurosawa H, Lee JH. Traumatic Brain Injury Outcomes in 10 Asian Pediatric ICUs: A Pediatric Acute and Critical Care Medicine Asian Network Retrospective Study. Pediatr Crit Care Med 22(4): 401-411. 1 April 2021.
- March 2021 Ong GY, Ng BHZ, Mok YH, **Ong JS**, Ngiam N, Tan J, Lim SH, Ng KC. Interim Singapore guidelines for basic and advanced life support for paediatric patients with suspected or confirmed COVID-19. Singapore Medical Journal 2021 Mar 12. doi: 10.11622/smedj.2021014. Epub ahead of print.
- Jan 2021 Samransamruajkit R, Wong JJ, Smathakane C, Anantasit N, Sunkonkit K, **Ong J**, Lee OPE, Lee PC, Phumeetham S, Sultana R, Lapwanich U, Lee JH, Kongkiattikul L; Pediatric Sepsis Asian Collaboration (PEDSAC) Investigators and on behalf of the Pediatric Acute and Critical Care Medicine Asian Network (PACCMAN). Pediatric Severe Sepsis and Shock in Three Asian Countries: A Retrospective Study of Outcomes in Nine PICUs. Pediatr Crit Care Med 713-721 1 Jan 2021 doi: 10.1097/PCC.0000000000002680. Online ahead of print. PMID: 33729727
- Jan 2021 Wong JJM, Abbas Q, Anantasit N, Shimizu N, Malisie RF, Dang H, Xu F, **Ong JSM** et al. Changes Adopted in Asian Pediatric Hospitals during the COVID-19 Pandemic: A Report from the Pediatric Acute and Critical Care COVID-19 Registry of Asia. Journal of Pediatric Intensive Care. doi: 10.1055/s-004-1722340
- Nov 2020 Gorny AW; Bagdasarian N, Koh AHK, Lim YC, **Ong JSM**, Ng, BSW, Tam WJ et al. SARS-CoV-2 in Migrant Worker Dormitories: Geospatial Epidemiology Supporting Outbreak Management. Int J Infect Dis 2020 Nov 16; 103: 389-394. Online ahead of print.
- Nov 2020 **Ong JSM**, Tosoni, A, Kim Y, Kisoorn, N, Murthy, S. The authors reply. Pediatr Crit Care Med 2020 Nov; 21 (11): 1023.
- Sept 2020 Kam KQ, **Ong JSM**, Lee JH. Kawasaki disease in the COVID-19 era: a distinct clinical phenotype? Lancet Child Adolesc Health. 2020 Sept; 4(9): 642-643

- Aug 2020 **Ong JSM**, Tosoni, A, Kim Y, Kisoan, N, Murthy, S. The authors reply. *Pediatric Crit Care Med*. 2020 Aug; 21(8): 783-784.
- Jul 2020 **Ong JSM**, Tosoni, A, Kim Y, Kisoan, N, Murthy, S. Coronavirus Disease 2019 in Critically Ill Children: A Narrative Review of the Literature. *Pediatr Crit Care Med*. 2020 Jul 21(7): 662-666
- Jun 2020 Thampi S, Yap A, Fan LJ, **Ong J**. Special Considerations for the Management of COVID-19 Pediatric Patients in the Operating room and Pediatric Intensive Care Unit in a Tertiary Hospital in Singapore. *Pediatr. Anaesth*. 2020 Jun; 30(6): 642-646
- Jan 2020 Wong JJ, Liu S, Dang H, Anantasit N, Phan PH, Phumeetham S, Qian S, **Ong JSM**, Gan CS, Chor YK, Samransamruajkit R, Loh TF, Feng M, Lee JH; Pediatric Acute & Critical Care Medicine Asian Network (PACCMAN). The impact of high frequency oscillatory ventilation on mortality in paediatric acute respiratory distress syndrome. *Crit Care*. 2020 Jan 31;24(1):31
- Jan 2020 Ong GYK, Ngiam N, Tham LP, Mok YH, Ong JSM, Lee KP, Ganapathy S, Chong SL, Pek JH, Chew SY, Lim YC, Shen GQ, Kua J, Tan J, Ng KC. Singapore Paediatric Resuscitation Guidelines 2021. *Singapore Medical Journal* 62 (8): 372 – 389 1 Jan 2020.
- July 2019 **Ong JSM**, Lee JH. A Blunt but Effective Instrument? Using a National Database to Assess Outcomes in Critically Ill Children. *Pediatr Crit Care Med*. 2019 July; 20(7): 687-688.
- July 2019 Zeng JS, Qian SY, Wong JJ, **Ong, JS**, Gan CS, Anantasit N, Chor YK, Samransamruajkit R, Phuc PH et al. Non-Invasive Ventilation in Children with Paediatric Acute Respiratory Distress Syndrome. *Annals of the Academy of Medicine, Singapore* 48 (7): 224-232
- Oct 2018 Gan CS, Wong JJ, Samransamruajkit R, Chuah SL, Chor YK, Anantasit N, Feng X, **Ong JSM**, Phuc PH, Phumeetham S, Sultana, R, Loh TF, Lum LCS, Lee JH, Pediatric Acute & Critical Care Medicine Asian Network (PACCMAN). Differences between Pulmonary and Extrapulmonary Pediatric Acute Respiratory Distress Syndrome: A Multicenter Analysis. *Pediatr Crit Car Med* 2018 Oct; 19(10): e504-e513.
- July 2017 Wong JJ, Phan HP, Phumeetham S, **Ong JSM**, Chor YK, Qian S, Samransamruajkit R, Anantasit N, Gan CS, Xu F, Sultana R, Loh TF, Lee JH; Pediatric Acute & Critical Care Medicine Asian Network (PACCMAN). Risk Stratification in Pediatric Acute Respiratory Distress Syndrome: A Multicenter Observational Study. *Critical Care Medicine* 2017 Jul 26. doi: 10.1097/CCM.0000000000002623
- July 2017 Ong GYK, Chan ILY, Ng ASB, Chew SY, Mok YH, Chan YH, **Ong JSM**, Ganapathy S, Ng KC. Singapore Paediatric Resuscitation Guidelines 2016. *Singapore Medical Journal* 58(7): 373-390.

- Feb 2017 Santhanam H, **Ong JS**, Shen L, Tan PL, Koh PL Risk Factors for Mortality in Asian Children Admitted to the Paediatric Intensive Care Unit after Haematopoietic Stem Cell Transplantation. Ann Acad Med Singapore. 2017 Feb;46(2):44-49.
- Nov 2010 **Ong J**, Ngiam N, Aye WM, Maclaren G. Prolonged venovenous extracorporeal membrane oxygenation in a child with leukaemia and persistent bacteraemia. **Pediatr Crit Care Med.** 2011 Nov; 12(6): e395-7.

**Abstract Presentations**

- July 2017 Matingal JN, **Ong JSM**, Aye WMM, Shankar S. A 6- Year Single Centre Experience on the use of extracorporeal membrane oxygenation in paediatric myocarditis patients. Abstract presented at 7<sup>th</sup> World Congress of Pediatric Cardiology and Cardiac Surgery, Barcelona, Spain.
- Jan 2017 Fan LJ, Phan P, Phumeetham S, Samransamruajkit R, **Ong J**, Xu F, Lee JH. Epidemiology of Pediatric Acute Respiratory Distress Syndrome in Asia, A Multicentre Study. Abstract presented at 46<sup>th</sup> Critical Care Congress, Society of Critical Care Medicine, Hawaii, USA  
-Winner, Star Research Achievement Award.
- Jan 2016 **Ong J**, Ngiam NSP. Exploring residents' experience and impact of a hybrid method of high fidelity simulation.  
Abstract presented at 13<sup>th</sup> Asia Pacific Medical Education Conference, Singapore  
Finalist for Best Abstract Presentation
- Feb 2008 **J. Ong**, N. Valli, S. Tay, N. Ngiam, Validation of a Relative Head Injury Severity Scale (RHISS) for Predicting Outcome in Non-fatal Paediatric Traumatic Brain Injury in Asian Children.  
Abstract presented at the 37<sup>th</sup> Critical Care Congress, Society of Critical Care Medicine, USA.

**.BOOK CHAPTERS:**

- March 2021 Airway Management. Authors: J Ong, J Tjissen, B Bruins, A Nishisaki. In Rogers Textbook of Pediatric Intensive Care. In preparation for publication.
- Aug 2021 Renal Biopsy Protocol. In "Pediatric Nephrology On-The-Go" edited by Hui-Kim Yap, Isaac Desheng Liu, Kar-Hui Ng. NUHkids publication. 4<sup>th</sup> edition 2021
- Aug 2012 Sedation for Procedures. In "Paediatrics On-The-Go" edited by Loke KY and Ngiam N. NUHkids publication. 2012.