

MAURIZIO PASSARIELLO EDIC, AFICM

Curriculum Vitae

PERSONAL INFORMATION

DATE OF BIRTH: 14th of August 1972 | Rome, Italy
ADDRESS: 66 Napier Court, Ranelagh Gardens
London SW6 3UX
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NATIONALITY: Italian, Dutch
EMAIL: m.passariello@rbht.nhs.uk
GMC REGISTRATION: 6065790 on the Specialist Register for Anaesthesia since August 2003

WORK EXPERIENCE

2017 - ACTUAL	<p>ROYAL BROMPTON & HAREFIELD NHS HOSPITALS <i>Consultant in Critical Care and ECMO</i> Responsible for patients post-cardiothoracic surgery and patients with Severe Acute Respiratory Failure (conventional and ECMO). Retrieval of patients on mobile ECMO.</p>
2016 - 2017	<p>ROYAL BROMPTON & HAREFIELD NHS HOSPITALS <i>Clinical Fellow in Critical Care and ECMO</i> Developed further training in looking after postop cardiothoracic patients, ECMO patients and retrieval.</p>
2001 - 2016	<p>POLICLINICO UMBERTO I HOSPITAL, ROME, ITALY <i>Consultant in Anaesthesia and Intensive Care</i> Full time clinical commitment in anaesthesia (mainly paediatric) and in the Adult General Intensive Care Unit (major trauma, complicated post-op abdominal surgery, patients with multio-organ dysfunction leading to critical care admission).</p>
2003 - 2004	<p>ROYAL MANCHESTER CHILDREN'S HOSPITAL <i>Clinical fellow in Paediatric Anaesthesia</i> Developed clinical skills in anaesthetising children of all ages for general surgery.</p>
2003 - 2016	<p>OPERATION SMILE ITALIA <i>Paediatric Anaesthetist</i> I joined approximately 10 missions in African countries as an anaesthetist for cleft lip and palate surgery. This experience was particularly useful to improve my team working skills with members from all over the world.</p>

EDUCATION AND TRAINING

2020 - PRESENT	MSc Quality & Safety in Healthcare, UNIVERSITY OF LEICESTER Currently in my 2nd year
1997 - 2001	Training in Anaesthesia and Intensive Care Medicine, UNIVERSITY "LA SAPIENZA", Rome, Italy.
1999 - 2000	Resident in Anesthesia, BRIGHAM AND WOMEN'S HOSPITAL, Boston (MA), USA.
1991 - 1997	Medical Degree, UNIVERSITY "LA SAPIENZA", Rome, Italy.

ROLES AND RESPONSIBILITIES

2020 - PRESENT	Governance Lead, Adult Intensive Care Unit , ROYAL BROMPTON HOSPITAL I have a passion for improving quality of care for all patients, with a particular focus on Human Factors and Psychological Safety within healthcare teams. I ensure effective: <ul style="list-style-type: none">• Quality & Safety meetings with focus on learning from incidents• Morbidity & Mortality meetings with focus on learning from deaths• National audit programme (ICNARC)• Local audit/QI programme• Up-to-date guidelines
2018 - PRESENT	Lead for the Advanced Critical Care Practitioner (ACCP) Programme, Department of Critical Care , ROYAL BROMPTON HOSPITAL The Adult Intensive Care Unit has trained 6 ACCPs now fully qualified; a further 3 are still in training.
2018 - PRESENT	Lead for Inter-professional Simulation Training, Adult Intensive Care Unit , ROYAL BROMPTON HOSPITAL This programme consists of MDT in-situ simulation sessions with discussions of principles of CRM/Human Factors in healthcare. Currently aiming for 2-3 team training sessions/month in a dedicated Sim room within AICU.
2017 - 2020	Audit Lead, Adult Intensive Care Unit , ROYAL BROMPTON HOSPITAL

CERTIFICATIONS

2020	Accreditation in Perioperative Transoesophageal Echocardiography (EACVI/ESC)
2017	EDIC- European Diploma of Intensive Care Medicine (ESICM)
2001	CCT in Anaesthesia and Intensive Care (University of Rome "La Sapienza")
2000	USMLE/ECFMG Certificate 0-575-457-7 (USA)

RESUSCITATION

2020	ALS (Resuscitation Council UK)
2017	CALS (Resuscitation Council UK)

EDUCATIONAL ROLES

2017 - PRESENT Educational and Clinical Supervisor for IMT trainees
2017 - PRESENT Human factors training with In-situ Simulation for the AICU MDT
2016 - PRESENT ECMO course- Held quarterly for the AICU MDT

MEMBERSHIPS

AFICM Associate Fellow of the Faculty of Intensive Care Medicine, UK
ICS Member of the Intensive Care Society, UK
ESICM Member of the European Society of Intensive Care Medicine

RESEARCH

I contributed to research throughout my career and have 32 publications on peer-reviewed journals.

PUBLICATIONS

- [1] A. Weatherill, M. Laffan, M. Gasper, P. Bianchi, **Passariello, Maurizio**, S. Singh, J. Doyle, B. Patel, S. Ledot, B. Garfield, et al. Impact of thrombosis and bleeding in patients with severe covid-19 versus other viral pneumonias in the context of extracorporeal membrane oxygenation. In *Seminars in Thrombosis and Hemostasis*. Thieme Medical Publishers, Inc., 2021.
- [2] A. Weatherill, M. Gaspar, **Passariello, M.**, M. Laffan, S. Ledot, and D. Arachchillage. Do thrombotic and bleeding phenotypes differ in patients with severe covid-19 compared to other viral pneumonias in the context of extracorporeal membrane oxygenation? *Research and Practice in Thrombosis and Haemostasis*, 2021.
- [3] R. Smith, **Passariello, M.**, J. Doyle, B. Garfield, R. Querido Leal, L. Begum, R. Browning, T. Jackson, S. Ledot, and P. Bianchi. Safe ECMO reconfiguration from veno-venous to veno-venovenous to support hypoxic patients with severe covid 19, a single centre cohort. *Perfusion*, pages 43–43, 2021.
- [4] B. Garfield, P. Bianchi, D. Arachchillage, P. Hartley, V. Naruka, D. Shroff, A. Law, **Passariello, Maurizio**, B. Patel, S. Price, et al. Six-month mortality in patients with covid-19 and non-covid-19 viral pneumonitis managed with veno-venous extracorporeal membrane oxygenation. *ASAIO Journal (American Society for Artificial Internal Organs: 1992)*, 2021.
- [5] C. Bleakley, A. de Marvao, M. Morosin, E. Androulakis, C. Russell, A. Athayde, A. Cannata, **Passariello, Maurizio**, S. Ledot, S. Singh, et al. Utility of echocardiographic right ventricular subcostal strain in critical care. *European Heart Journal-Cardiovascular Imaging*, 2021.
- [6] B. V. Patel, D. J. Arachchillage, C. A. Ridge, P. Bianchi, J. F. Doyle, B. Garfield, S. Ledot, C. Morgan, **Passariello, Maurizio**, S. Price, et al. Pulmonary angiopathy in severe covid-19: physiologic, imaging, and hematologic observations. *American journal of respiratory and critical care medicine*, 202(5):690–699, 2020.
- [7] C. A. R. M. M. FFRCSI, P. Bianchi, C. M. RCA, **Passariello, Maurizio**, R. Trimlett, and C. Weaver. Pulmonary angiopathy in severe covid-19: Physiologic, imaging and hematologic observations. 2020.
- [8] D. R. Arachchillage, M. Laffan, S. Khanna, C. Vandenbriele, F. Kamani, **Passariello, Maurizio**, A. Rosenberg, T. Aw, W. Banya, S. Ledot, et al. Frequency of thrombocytopenia and heparin-induced thrombocytopenia in patients receiving extracorporeal membrane oxygenation compared with cardiopulmonary bypass and the limited sensitivity of pretest probability score. *Critical care medicine*, 48(5):e371–e379, 2020.
- [9] D. J. Arachchillage, C. Remington, A. Rosenberg, T. Xu, **Passariello, Maurizio**, D. Hall, A. M. Laffan, and B. V. Patel. Anticoagulation with argatroban in patients with acute antithrombin deficiency in severe covid-19. *British journal of haematology*, 2020.
- [10] D. J. Arachchillage, M. Gaspar, J. Ahnstrom, S. Fox, W. Banya, **Passariello, M.**, S. Ledot, and M. Laffan. Prospective cohort study of haemostatic activation markers and correlation with bleeding and thrombotic complications in patients receiving veno-venous extra-corporeal

membrane oxygenation (vv-ecmo)-hae study. In *BRITISH JOURNAL OF HAEMATOLOGY*, volume 189, pages 154–155. WILEY 111 RIVER ST, HOBOKEN 07030-5774, NJ USA, 2020.

- [11] A. Gambaro, A. Vazir, R. Fisher, N. J. Lees, A. Hurtado, A. Rosenberg, E. Galiatsou, R. Garda, J. Doyle, **Passariello, Maurizio**, et al. Speckle tracking to guide va ecmo weaning procedure, provisional results of a pilot study. In *EUROPEAN HEART JOURNAL SUPPLEMENTS*, volume 21, pages J2–J2. OXFORD UNIV PRESS GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND, 2019.
- [12] D. J. Arachchillage, S. Khanna, **Passariello, M**, W. Banya, M. Laffan, and S. Ledot. Incidences of thrombosis, major bleeding and 30-day mortality in patients receiving veno-venous extracorporeal membrane oxygenation and value of laboratory parameters at presentation in predicting outcomes. In *BRITISH JOURNAL OF HAEMATOLOGY*, volume 185, pages 133–134. WILEY 111 RIVER ST, HOBOKEN 07030-5774, NJ USA, 2019.
- [13] C. Vandenbriele, N. Bhudia, E. Dhillon, J. Doyle, M. Laffan, S. Ledot, C. Morgan, B. Murfin, **Passariello, M**, B. Patel, et al. Heparin anti-xa assay versus activated partial thromboplastin time to monitor unfractionated heparin during extra-corporeal-membrane-oxygenation. In *EUROPEAN HEART JOURNAL*, volume 39, pages 358–358. OXFORD UNIV PRESS GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND, 2018.
- [14] D. R. Arachchillage, **Passariello, Maurizio**, M. Laffan, T. Aw, L. Owen, W. Banya, R. Trimlett, C. Morgan, B. V. Patel, J. Pepper, et al. Intracranial hemorrhage and early mortality in patients receiving extracorporeal membrane oxygenation for severe respiratory failure. In *Seminars in thrombosis and hemostasis*, volume 44, pages 276–286. Thieme Medical Publishers, 2018.
- [15] D. J. Arachchillage, S. Khanna, C. Vandenbriele, J. Dutton, A. Rosenberg, T. Aw, W. Banya, **Passariello, Maurizio**, M. Laffan, S. Ledot, et al. Incidence of thrombocytopenia and heparin induced thrombocytopenia in patients receiving extracorporeal membrane oxygenation (ecmo) compared to cardiopulmonary bypass and the limited sensitivity of pre-test probability score. *Blood*, 132:2451, 2018.
- [16] A. Morelli and **Passariello, Maurizio**. Hemodynamic coherence in sepsis. *Best Practice & Research Clinical Anaesthesiology*, 30(4):453–463, 2016.
- [17] A. Morelli, A. D’Egidio, and **Passariello, M**. Tachycardia in septic shock: pathophysiological implications and pharmacological treatment. In *Annual Update in Intensive Care and Emergency Medicine 2015*, pages 115–128. Springer, Cham, 2015.
- [18] A. Morelli, **Passariello, M**, and M. Singer. Inotropic support in the treatment of septic myocardial dysfunction: pathophysiological implications supporting the use of levosimendan. In *Annual Update in Intensive Care and Emergency Medicine 2014*, pages 407–419. Springer, Cham, 2014.
- [19] **Passariello, Maurizio**, N. Almenrader, and D. Galante. Sedation for painless imaging in i taly: a web-based survey. *Pediatric Anesthesia*, 23(4):371–372, 2013.
- [20] **Passariello, Maurizio** and N. Almenrader. Anesthesia for a child with camurati–engelmann disease. *Pediatric Anesthesia*, 23(5):464–466, 2013.
- [21] D. Galante, M. Melchionda, M. Caruselli, **Passariello, M**, and N. Almenrader. Safety of ultrasound in pediatric regional anesthesia: Are we on the right track. *Pediatr Anesth Crit Care J*, 1:11–4, 2013.
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- [23] P. Arangio, **Passariello, M**, M. Capriotti, V. Vellone, E. Rastelli, S. Martini, F. D’ambrosio, and P. Cascone. Italian journal of maxillofacial surgery 2013 august; 24 (2): 77-80. *Italian Journal*, 24, 2013.
- [24] N. Almenrader, **Passariello, M**, and P. Cascone. Anaesthesia for a child with cleidocranial dysplasia. *Pediatr Anesth Crit Care J*, 1:29–30, 2013.
- [25] N. Almenrader, R. Haiberger, and **Passariello, Maurizio**. Steal induction in preschool children: is melatonin as good as clonidine? a prospective, randomized study. *Pediatric Anesthesia*, 23(4):328–333, 2013.
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- [27] G. Di Nardo, S. Oliva, **Passariello, Maurizio**, N. Pallotta, F. Civitelli, S. Frediani, G. Gualdi, P. Gandullia, S. Mallardo, and S. Cucchiara. Intralesional steroid injection after endoscopic balloon dilation in pediatric crohn's disease with stricture: a prospective, randomized, double-blind, controlled trial. *Gastrointestinal endoscopy*, 72(6):1201–1208, 2010.
- [28] G. Di Nardo, S. Oliva, **Passariello, Maurizio**, N. Almenrader, N. Pallotta, E. Del Giudice, F. Ferrari, S. Frediani, and S. Cucchiara. 150 intralesional corticosteroid injection following endoscopic balloon dilation in stricturing pediatric crohn's disease: A prospective randomized, doubleblind, controlled trial. *Gastroenterology*, 5(138):S–29, 2010.
- [29] G. Di Nardo, S. Oliva, F. Ferrari, N. Cavallari, C. Alessandri, **Passariello, M**, N. Almenrader, and S. Cucchiara. Diagnostic usefulness of single balloon enteroscopy in children with gastrointestinal disorders undefined at conventional endoscopy. In *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*, volume 50, pages E80–E80. LIPPINCOTT WILLIAMS & WILKINS 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA, 2010.
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- [42] **Passariello, Maurizio** and R. Perkins. Unexpected postoperative tachycardia in a patient with 22q11 deletion syndrome after multiple dental extractions. *Paediatric anaesthesia*, 15(12):1145–1146, 2005.
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- [47] M. Rocco, M. Antonelli, V. Letizia, D. Alampi, G. Spadetta, **Passariello, M.**, G. Conti, P. Serio, and A. Gasparetto. Critical and intensive therapy-original articles-lipid peroxidation, circulating cytokine and endothelin 1 levels in healthy volunteers undergoing hyperbaric oxygenation. *Minerva Anesthesiologica-Giornale Italiano di Anestesia e di Analgesia*, 67(5):393–400, 2001.
- [48] G. Della Rocca, **Passariello, Maurizio**, C. Coccia, M. G. Costa, P. Di Marco, F. Venuta, E. A. Rendina, and P. Pietropaoli. Inhaled nitric oxide administration during one-lung ventilation in patients undergoing thoracic surgery. *Journal of cardiothoracic and vascular anesthesia*, 15(2):218–223, 2001.
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- [53] M. Antonelli and **Passariello, M.** Old and new mediators in sepsis the enigma is not yet resolved. In *Sepsis and Organ Dysfunction*, pages 73–80. Springer, Milano, 1998.
- [54] D. Jayakody Arachchillage, M. Laffan, S. Khanna, C. Vandenbriele, F. Kamani, **Passariello, M.**, A. Rosenberg, T. Aw, W. Banya, S. Ledot, et al. Frequency of thrombocytopenia and heparin induced thrombocytopenia in patients receiving extracorporeal membrane oxygenation compared to cardiopulmonary bypass and the limited sensitivity of pre-test probability score.