

Curriculum Vitae

Personal information **Jose Ignacio Malagon Calle**

Work experience

1. Employer: Radboud UMC, Nijmegen
 - Start date: 012019
 - End date:
 - Position: Prof. Paediatric Anaesthesia
 - Activities:
 - Country: Netherlands
2. Employer: Wyndeshawe Hospital NHS FT
 - Start date: 082011
 - End date: 122018
 - Position: Consultant Cardiac Anaesthesia
 - Activities:
 - Country: United Kingdom
3. Employer: Zaans Medical Centre
 - Start date: 022009
 - End date: 072011
 - Position: Consultant Anaesthetist
 - Activities:
 - Country: Netherlands
4. Employer: UMC Utrecht
 - Start date: 062007
 - End date: 012009
 - Position: Consultant Paediatric Cardiac Anaesthesia/ PICU
 - Activities:
 - Country: Netherlands
5. Employer: Leiden UMC
 - Start date: 021999
 - End date: 052007
 - Position: Consultant Paediatric Cardiac Anaesthesia/PICU
 - Activities:
 - Country: Netherlands
6. Employer: NICE
 - Start date: 022016
 - End date: 122018
 - Position: Consultant Clinical Adviser
 - Activities: Interventional procedures division
 - Country: United Kingdom

Education and training

1. Subject:
 - Start date: 011990
 - End date: 011999
 - Qualification: FRCA/ CCST Anaesthesia
 - Organisation: Training in Anaesthesia and Intensive Care. Includes a year fellowship in PICU In Vancouver Canada.
 - Country: United Kingdom

Additional information

Publications

Malagon Calle JI, Ramos Atance JA. Participacion del sistema inmune en la etiopatogenia de la enfermedad periodontal. Avances en Periodoncia 1990;2:165_175. (Role of the immune system in the aetiology of the periodontal disease). Malagon Calle JI, Ramos Atance JA. Papel de las bacterias en la etiopatogenia de la enfermedad periodontal. Avances en Periodoncia 1990;2:177_187. (Role of local microorganisms in the aetiology of periodontal disease). Malagon I, Grounds RM, Bennett ED. Changes in cardiac output during air ambulance repatriation. Intensive Care Medicine 1996;22:1396_1399 Malagon I, Lamb FJ. Comparing two methods of clinical measurement: Bland and Altman, a review of the anaesthesia and critical care literature. Clinical Intensive Care 1996;7:308_310 Malagon I, Karalliede L, Adams AP. Non invasive cardiac output measurement by suprasternal Doppler: its clinical applications. Medical Science Monitor 1996;2:514_519 Rhodes A, Lamb FJ, Malagon I, Newman PJ, Grounds RM, Bennett ED. A prospective study of the dobutamine test in patients with sepsis, severe sepsis or septic shock. Critical Care Medicine 1999;27:2361_6 Seear M, Malagon I, Hui H, Alexander J, Daoust C, Skippen P. Validation of a mathematical model to predict intrapulmonary shunt non_invasively. Canadian Journal of Anaesthesia 1999;46:483_7 Malagon I, Onkenhout W, Klok G, van der Poel PFH, Bovill JG, Hazekamp MG. Gut permeability in paediatric cardiac surgery. British Journal of Anaesthesia 2005;94:181_5 Malagon I, Hogenbirk K, van Pelt J, Hazekamp MG, Bovill JG. Effect of three different anaesthetic agents on the postoperative production of cardiac troponin T in paediatric cardiac surgery. British Journal of Anaesthesia 2005;94:805_9 Malagon I, Onkenhout W, Linthorst L, Klok G, van der Poel PFH, Bovill JG, Hazekamp MG. Dexamethasone reduces gut permeability in paediatric cardiac surgery. Journal of Thoracic and Cardiovascular Surgery 2005;130:265_271 (Retracted) Malagon I, Onkenhout W, Klok G, van der Poel PFH, Bovill JG, Hazekamp MG. Gut permeability in neonates following a stage I Norwood procedure. Pediatric Critical Care Medicine 2005;6:547_549 Malagon I, Hogenbirk K, van Pelt J, Hazekamp MG, Bovill JG. Effect of dexamethasone on postoperative cardiac troponin T production in pediatric cardiac surgery. Intensive Care Medicine 2005;31:1420_1426 Malagon I, Onkenhout W, Klok G, van der Poel PFH, Bovill JG,

Hazekamp MG. Rhamnose and rhamnitol in dual intestinal permeability tests. *Journal of Pediatric Gastroenterology and Nutrition* 2006;43:265_266

Malagon I, Onkenhout W, Bovill JG, Hazekamp MG. Dexamethasone in paediatric cardiac surgery; implications using two surrogate markers. *Netherlands Journal of Critical Care* 2006;10:502_507

Slagt C, Beute J, Hoeksema M, Malagon I, Mulder JWM, Groeneveld J. Cardiac output derived from arterial pressure waveform analysis without calibration vs. thermodilution in septic shock: evolving accuracy of software versions. *European Journal of Anaesthesiology*. 2010;27:550_554

Slagt C, de Leeuw MA, Beute J, Rijnsburger E, Hoeksema M, Mulder JW, Malagon I, Groeneveld AB. Cardiac output measured by uncalibrated arterial pressure waveform analysis by recently released software version 3.02 versus thermodilution in septic shock. *J Clin Monit Comput*. 2013;27:171_177

Malagon I, Greenhalgh D, Extracorporeal membrane oxygenation (ECMO) as an alternative to ventilation. *Current Opinions in Anaesthesiology*, 2013 Feb;26(1):47_52.

Slagt C, Malagon I, Groeneveld J. A systematic review of uncalibrated arterial pressure waveform analysis to determine cardiac output and stroke volume variation. *British Journal of Anaesthesia* 2014 Apr;112(4):626_37

Felton TW, McCalman K, Malagon I, et al. Pulmonary penetration of piperacillin and tazobactam in critically ill patients. *Clin Pharmacol Ther*. 2014 Oct;96(4):438_48

Slagt C, Helmi M, Malagon I, Groeneveld ABJ. Calibrated arterial pressure waveform analysis is superior to the uncalibrated technique as compared to transpulmonary thermodilution in monitoring cardiac output in severe sepsis and septic shock. *Eur J Anaesthesiol*. 2015 Jan;32(1):5_12 (Accompanying editorial) Yusuff, H, Malagon, I, Robson, K, Parmar, J, Hamilton, P, Falter F. Extracorporeal membrane oxygenation for Life threatening ANCA_positive pulmonary capillaritis _ A review of UK experience. *Heart, Lung and vessel* 2015;7:159_167

Thomas S, Hassan I, Barker J, Ashworth A, Barnes A, Fedor I, Feddy L, Hayes T, Malagon I, Stirling S, Szentgyorgyi L, Mutton K, Richardson M. Chronic mould exposure as a risk factor for severe community acquired pneumonia in a patient requiring extra corporeal membrane oxygenation. *Respiratory Medicine Case Reports* 2015 May 7;15:39_41

Feddy L, Barker J, Fawcett P, Malagon I. Intra_abdominal Hypertension (IAH) complicating Pancreatitis_Induced Acute Respiratory Distress Syndrome (ARDS) in 3 Patients on Extracorporeal Membrane Oxygenation (ECMO). *Anaesthesiology and Intensive Therapy* 2016;48(1):29_33

Nwaefie N, Elbur E, Malagon I, et al. Is there a role for the high_risk multidisciplinary team meeting in thoracic surgery? *Interact Cardiovasc Thorac Surg*. 2016 Jan 24. pii: ivv389

Howitt S, Grant S, Ridding D, Malagon I, McCollum C. Risk models that use postoperative patient monitoring data to predict outcomes in adult cardiac surgery: A systematic review. *J Cardiothorac Vasc Anesth*. 2016 Oct 4

Suliman M, Ogunbenro K, Kosmidis K, Ashworth A, Barker J, Barnes A, Davis A, Feddy L, Fedor I, Hayes T, Stirling S, Malagon I. The effect of veno_venous ECMO on the pharmacokinetics of ritonavir, darunavir, tenofovir and lamivudine. *J Crit Care*. 2017 Mar 12;40:113_118.

Krishnamoorthy B, Critchley WR, Nair J, Malagon I, Carey J, Barnard JB, Waterworth PD, Venkateswaran RV, Fildes JE, Caress AL, Yonan N. Randomized Study Comparing the Effect of Carbon Dioxide Insufflation on Veins Using 2 Types of Endoscopic and Open Vein Harvesting. *Innovations (Phila)*. 2017 Oct 9. doi: 10.1097/IMI.0000000000000405.

Howitt S, Caidado C, McCollum C, Malagon I, Venkateswaran R, Grant S. Validation of three post_operative risk prediction models for 30 day mortality after cardiac surgery. *Thorac Cardiovasc Surg*. 2018 Jan 9. doi: 10.1055/s_0037_1608897

Howitt S, Herring M, Malagon I, McCollum C, Grant S. Incidence and outcomes of sepsis after cardiac surgery as defined by the Sepsis_3 guidelines. *British Journal of Anaesthesia*. 2018 Mar;120(3):509_516

Krishnamoorthy B, Critchley W, Begum Z, Nair J, Devan N, Rammohan K, Krysiak P, Malagon I, Shah R. A randomised prospective study comparing the incidence of postoperative pain after phrenic nerve infiltration vs non_phrenic nerve infiltration on open thoracotomy. *Semin Thorac Cardiovasc Surg*. 2018 Dec 7. pii: S1043_0679(18)30372_1

Heward E, Syed F, Malagon I, Shah R, Barker J, Rammohan K. Thoracic surgery's role in extracorporeal membrane oxygenation services. *Asian Cardiovasc Thorac Ann*. 2018 Mar;26(3):183_187.

Stoyle G, Fawcett P, Malagon I. The use of VV_ECMO in patients with drug dependencies. *J Artif Organs*. 2018 Sep;21(3):293_299

Howitt S, Blackshaw D, Hassan I, Malagon I. Comparison of traditional microbiological culture and 16S polymerase chain reaction analyse of preoperative respiratory tract samples for patients undergoing lung resection. *J Crit Care*. 2018 Aug;46:84_87.

Howitt SH, Grant SW, Caiado C, Carlson E, Kwon D, Dimarakis I, Malagon I, McCollum C. The KDIGO acute kidney injury guidelines for cardiac surgery patients in critical care: a validation study *BMC Nephrol*. 2018 Jun 25;19(1):149.

Krishnamoorthy B, Critchley WR, Soon SY, Birla R, Begum Z, Nair J, Devan N, Mohan R, Fildes J, Morris J, Fullwood C, Krysiak P, Malagon I, Shah R. A Randomized Study Comparing the Incidence of Postoperative Pain After Phrenic Nerve Infiltration Vs Nonphrenic Nerve Infiltration During Thoracotomy. *Semin Thorac Cardiovasc Surg* 2019;31(3):583_592

Howitt SH, Oakley J, Caiado C, Goldstein M, Malagon I, McCollum C, Grant SWA. Novel Patient_Specific Model for Predicting Severe Oliguria; Development and Comparison With Kidney Disease: Improving Global Outcomes Acute Kidney Injury Classification. *Crit Care Med* 2020 Jan;48(1):e18_e25

Howitt SH, Grant SW, Campbell NG, Malagon I, McCollum C. Are serum potassium and magnesium levels associated with atrial fibrillation after cardiac surgery? *J Cardiothorac Vasc Anesth*. 2020 May;34(5):1152_1159

Heijne A, Krijtenburg P, Bremers A, Scheffer GJ, Malagon I, Slagt C. Four different methods of measuring cardiac index during cytoreductive surgery and hyperthermic intraperitoneal chemotherapy. *Korean J Anesthesiol*. 2021 Apr;74(2):120_133

van Eijk LT, Servaas S, Slagt C, Malagon I. Predicting fluid responsiveness: Does it answer the right question? *Eur J Anaesthesiol*. 2021 May 1;38(5):449_451

Projects

Memberships

European Society of Anaesthesiology Dutch Society of Anaesthesia European Society of Paediatric Anaesthesia

Other Relevant Information

Member of the Medical Directory Board at Zaans Medical Centre for 18 months. External reviewer for the assessment of paediatric cardiac surgical services at University Medical Centre Groningen, The Netherlands. November 2014. Voluntary work for paediatric cardiac surgery missions to Tunes, Surinam, International Children Heart Foundation. Organization of ECMO simulator at EACTA Clinical lead for Cardiac Theatres since May 2015 at UHSM. Reviewer for: *Journal of Cardiothoracic and Vascular Anaesthesia* *Journal of Cardiothoracic Surgery*