

CURRICULUM VITAE	
Informazioni Personali	
Cognome e Nome	Calzavacca Paolo
Data di nascita	23/01/1978
Qualifica	Medico chirurgo specialista in anestesia e rianimazione, Ph.D.

Amministrazione	
Incarico attuale	Dirigente medico
Numero telefonico Ufficio	0292360352
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Titoli di Studio e Professionali ed Esperienze lavorative	
Titolo di Studio	Laurea specialistica in Medicina e Chirurgia
Altri titoli di Studio e Professionali	Diploma di specializzazione CEE in Anestesia e Rianimazione. Ph.D. presso Melbourne University
Esperienze Professionali (Incarichi ricoperti)	Da gennaio 2001 a giugno 2004: Customer care provider, IV classe del C.C.N.L. del commercio presso Transcom WW, Via Brescia 26, Cernusco sul Naviglio. <u>Indica le date di inizio e fine e l'Incarico o l'Attività</u> Dal 2008 ad oggi: Medico Anestesista rianimatore presso P.O. Uboldo, Cernusco sul Naviglio.

Capacità linguistiche	Lingua	Livello Parlato	Livello Scritto
<i>Indica se il livello di conoscenza è scolastico o fluente</i>	Inglese	Ottimo	Ottimo
	Spagnolo	Ottimo	Ottimo
	Francese	Scolastico	Scolastico

Capacità nell'uso delle tecnologie		Capacità
<i>Indica se la capacità è scarsa, buona o ottima</i>	Applicativi	
	Office	Buono
	Data base	Sufficiente
	Navigazione Internet	Buona
	Posta Elettronica	Buona
	Altro (specificare)	

Altro (partecipazione a corsi, convegni e seminari, pubblicazioni, collaborazione a riviste, ecc., ed ogni altra informazione che il dirigente ritiene di dover pubblicare) <u>Indica le date di inizio e fine e l'Attività</u>	
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Bibliografia medica:

- Peer Reviewer per Minerva Anaesthiologica dal 2008.
- Peer Reviewer per CEPP (Clinical and Experimental Pharmacology and Physiology) dal 2012.
- Peer Reviewer per Critical Care Resuscitation dal 2014.

- Invited speaker:

1. IRRIV 2013, 31st international Vicenza course on critical care nephrology: Sepsis, AKI and intrarenal shunting.

- Poster ed e-poster:

1. SMART 2004: Calzavacca P, Vitali F, Solca M, Aliprandi E, Sferlazza C, Perego P, Barazzetta M, Guidolin S. Infection surveillance in a general ICU: update 2004.
2. SIAARTI 2004: Calzavacca P, Vitali F, Minerva M, Aliprandi E, Barazzetta M, Guidolin S, Solca M. Infection surveillance and antibiotic exposure in a general ICU.
3. ANZICS 2007: Licari E, Calzavacca P, Tee A, Bellomo R. Factors affecting in-hospital mortality in patients receiving medical emergency team calls.
4. ANZICS 2007: Licari E, Calzavacca P, Tee A, Bellomo R. The effect of maturation of a MET system on delayed calls and mortality.
5. ESA 2008: Licari E, Karalapillai D, Hart G, Calzavacca P, Story D. Hypothermia and the postoperative intensive care patient – An audit of 5051 patients. *Eur J Anaesthesiol* 2008; 25 (Suppl 44), p. 184.
6. ESA 2008: Licari E, Calzavacca P, Tee A, Bellomo R. The prognostic value of point-of-care testing during medical emergency team calls: A preliminary report. *Eur J Anaesthesiol* 2008; 25 (Suppl 44), p. 181.
7. ESA 2008: Calzavacca P, Licari E, Tee A, Bellomo R. Brain natriuretic peptide in patients receiving a medical emergency team call: A pilot study. *Eur J Anaesthesiol* 2008; 25 (Suppl 44), p. 191-2.
8. RRS SYMPOSIUM 2009: Calzavacca P, Licari E, Mercer I, Tee A, Haase M, Haase-Fiellitz A, Bellomo R. Factors predicting intensive care unit admission after a medical emergency team review.
9. RRS SYMPOSIUM 2009: Calzavacca P, Licari E, Mercer I, Tee A, Haase M, Haase-Fiellitz A, Bellomo R. Diagnoses and interventions by the medical emergency team – data from 2237 MET calls.
10. WCN 2009: The RIFLE classification and the Acute Kidney Injury Network definition of cardiac surgery-associated AKI. Haase M, Bellomo R, Ulrich F, Calzavacca P, Haase-Fiellitz A.
11. ESA 2009: Calzavacca P, Barazzetta M, Vitali F, Guidolin S, Solca M. Ten-year trend in microbiological isolates in a mixed medical-surgical Italian intensive care unit. *Eur J Anaesthesiol* 2009; 26 (Suppl 45): 156-7
12. ESA 2009: Calzavacca P, Licari E, Haase M, Tee A, Bellomo R. The activity of a medical emergency team at an Australian teaching hospital. *Eur J Anaesthesiol* 2009; 26 (Suppl 45); 178-9.
13. ESICM 2009: Calzavacca P, Hegarty C, Mercer I, Haase M, Haase-Fiellitz A, Bellomo R. RIFLE criteria in medical emergency team patients. *Int Care Med* 2009; 35 (Suppl 1); S42.
14. ESICM 2010: Schneider A, Calzavacca P, Bellomo R, Jones D. The epidemiology of medical emergency team calls precipitated by atrial fibrillation in a teaching hospital. *Int Care Med* 2010; 36 (suppl 2): S165.
15. ESICM 2010: Schneider A, Calzavacca P, Jones D, Bellomo R. The epidemiology of medical emergency team calls requiring non invasive ventilation in a teaching hospital. *Int Care Med* 2010; 36 (suppl 2): S166
16. Damasco M, Calzavacca P, Barazzetta M, Vitali F, Solca M. Epidemiology of pulmonary infection over 5 years in a mixed Italian intensive care unit. *Int Care Med* 2010; 36 (suppl 2): S344.
17. ESICM 2010: Calzavacca P, Schneider A, Jones D, Hart GK, Silvester W, Dettering K, Bellomo R. The role of a medical emergency team in limitation of medical treatment and end of life care: a 5 years single centre retrospective study. *Int Care Med* 2010; 36 (suppl 2): S385.
18. ESICM 2011: Calzavacca P, Ramchandra R, Bellomo R, May CN. The role of the sympathetic nerve activity on renal blood flow in severe sepsis. *Int Care Med* 2011; 37 (suppl 1): S258.
19. ISF 2011: Calzavacca P, Ramchandra R, Booth L, Bellomo R, May CN. The Cardiovascular Effects of beta Blockade in a Sheep Model of Severe Sepsis.
20. ANZICS 2012: Paolo Calzavacca, Ken Ishikawa, Ke Lu, Rinaldo Bellomo, Clive N. May. The effects of clonidine on renal function in an ovine model of severe sepsis and septic acute kidney injury.

21. ISF 2012: Paolo Calzavacca, Ken Ishikawa, Ke Lu, Rinaldo Bellomo, Clive N. May. The haemodynamic and renal effects of clonidine in an ovine model of severe sepsis and septic acute kidney injury.
22. ISF 2012: Paolo Calzavacca, Ken Ishikawa, Ke Lu, Roger G. Evans, Allison Skene, Rinaldo Bellomo, Clive N. May. Regional perfusion and oxygenation of the kidney in an ovine model of severe sepsis with hypotension and kidney injury.
23. ISICEM 2014: Paolo Calzavacca, Michael Bailey, Yugeesh Lankadeva, Simon Bailey, Rinaldo Bellomo, Clive N. May. The inflammatory effects of selective beta blockade in an ovine model of severe sepsis.
24. ISICEM 2014: Paolo Calzavacca, Yugeesh Lankadeva, Ken Ishikawa, Lindsea Booth, Simon Bailey, Ke Lu, Michael Bailey, Rinaldo Bellomo, Clive N. May. The haemodynamic and inflammatory effects of clonidine in an ovine model of severe sepsis with septic acute kidney injury.

Comunicazioni libere:

1. ANZICS 2007: Licari E, Tee A, Calzavacca P, Bellomo R. Point-of-care measurement of serum creatinine in the intensive care unit.
2. ESICM 2008: Calzavacca P, Licari E, Tee A, Bellomo R. The characteristic of patients receiving a repeat medical emergency team activation. *Intensive Care Medicine*, vol 34, Suppl 1, S95.
3. ESICM 2009: Calzavacca P, Barazzetta M, Schmidt W, Vitali F, Guidolin S, Solca M. Six-year trends in microbiological isolates and antibiotic resistance in a mixed Italian intensive care unit. *Int Care Med* 2009; 35 (Suppl 1); S206.
4. ESICM 2010: Prowle JR, Licari E, Calzavacca P, Ligabò EV, Echeverri JE, Haase M, Begshaw SM, Bellomo R. Peri operative statin therapy does not alter the incidence of acute kidney injury after cardiopulmonary bypass: CREAT, the cardiopulmonary bypass, renal injury and atorvastatin trial. *Int Care Med* 2010; 36 (suppl 2): S88.
5. ESICM 2010: Calzavacca P, Schneider A, Jones D, Hart GK, Bellomo R. Role of medical emergency team in triage of septic ward patients: a five years single centre retrospective study. *Int Care Med* 2010; 36 (suppl 2): S210.
6. CCCFD 2011: Calzavacca P, Ramchandra R, Booth L, Bellomo R, May CN. The role of sympathetic nerve activity on renal blood flow in severe sepsis.
7. Victorian ICU Trainee Research Award: Paolo Calzavacca, Ken Ishikawa, Ke Lu, Roger G. Evans, Allison Skene, Rinaldo Bellomo, Clive N. May. Regional perfusion and oxygenation of the kidney in an ovine model of severe sepsis with hypotension and kidney injury. 2nd Prize winner.
8. ANZICS 2012: Paolo Calzavacca, Ken Ishikawa, Ke Lu, Roger G. Evans, Allison Skene, Rinaldo Bellomo, Clive N. May. Decrease in renal medullar oxygenation in an ovine model of severe sepsis with hypotension and kidney injury.

Pubblicazioni peer-reviewed:

1. Licari E, Calzavacca P, Ronco C, Bellomo R. Fluid resuscitation and the septic kidney: the evidence. *Contrib Nephrol* 2007; 156: 167.
2. Tee A, Calzavacca P, Licari E, Goldsmith D, Bellomo R. Bench-to-bedside review: The MET syndrome – the challenges of researching and adopting medical emergency teams. *Crit Care* 2008; 12(1): 205.
3. Calzavacca P, Licari E, Tee A, Egi M, Haase M, Haase-Fielitz A, Bellomo R. A prospective study of factors influencing the outcome of patients after a Medical Emergency Team review. *Intensive Care Med*. 2008; 34: 2112-6.
4. Licari E, Calzavacca P, Warrillow S, Bellomo R. Life-threatening sodium valproate overdose: A comparison of two approaches to treatment. *Crit Care Med*, 2009; 37 (12).
5. Karalapillai D, Story D, Calzavacca P, Licari E, Liu YL, Hart GK. Inadvertent hypothermia and mortality in postoperative intensive care patients: retrospective audit of 5050 patients. *Anaesthesia* 2009; 64: 968-72.
6. Haase M, Bellomo R, Matalanis G, Calzavacca P, Dragun D, Haase-Fielitz A. [A Comparison of the RIFLE and Acute Kidney Injury Network classifications for cardiac surgery-associated acute kidney injury: A prospective cohort study](#). *J Thorac Cardiovasc Surg* 2009;138(6): 1370-6.
7. Calzavacca P, Licari E, Tee A, Egi M, Downey A, Quach J, Haase-Fielitz A, Haase M, Bellomo R. The impact of Rapid Response System on delayed emergency team activation

- patient characteristics and outcomes-A follow-up study. *Resuscitation* 2010; 81(1): 31-5.
8. Závada J, Hoste E, Cartin-Ceba R, Calzavacca P, Gajic O, Clermont G, Bellomo R, Kellum JA; for the AKI6 investigators A comparison of three methods to estimate baseline creatinine for RIFLE classification. *Nephrol Dial Transplant*. 2010; 25(12): 3911-8.
 9. Calzavacca P, Tee A, Licari E, Bellomo R. Assessment of point-of-care measurement of urinary creatinine and electrolytes in the intensive care unit. *Ren Fail* 2010;32(1):27-31.
 10. Calzavacca P, Solca M. Respiratory failure requiring intensive care admission in hematologic malignancies: should we rethink our policies? *Minerva Anesthesiol* 2010;76(1):1-2.
 11. Warrillow SJ, Weinberg L, Parker F, Calzavacca P, Licari E, Aly A, Bagshaw S, Christophi C, Bellomo R. Perioperative fluid prescription, complications and outcomes in major elective open gastrointestinal surgery. *Anaesth Intensive Care*. 2010 Mar;38(2):259-65.
 12. Calzavacca P, Schmidt W, Guzzi M. General anaesthesia for laparoscopic cholecystectomy in a patient with the kearns-sayre syndrome. *Case Rep Anesthesiol*. 2011;2011:806086.
 13. Calzavacca P, Licari E, Tee A, Mercer I, Haase M, Haase-Fielitz A, Jones D, Gutteridge G, Bellomo R. [Features and outcome of patients receiving multiple Medical Emergency Team reviews](#). *Resuscitation*. 2010 Nov;81(11):1509-15.
 14. Schneider A, Calzavacca P, Jones D, Bellomo R. [Epidemiology and patient outcome after medical emergency team calls triggered by atrial fibrillation](#). *Resuscitation*. 2011 Apr;82(4): 410-4.
 15. Jäderling G, Calzavacca P, Bell M, Martling CR, Jones D, Bellomo R, Konrad D. [The deteriorating ward patient: a Swedish-Australian comparison](#). *Intensive Care Med*. 2011; 37(6):1000-5.
 16. Schneider AG, Calzavacca P, Mercer I, Hart G, Jones D, Bellomo R. [The epidemiology and outcome of medical emergency team call patients treated with non-invasive ventilation](#). *Resuscitation*. 2011; 82(9):1218-23.
 17. Prowle JR, Ostland V, Calzavacca P, Licari E, Ligabo EV, Echeverri JE, Bagshaw SM, Haase-Fielitz A, Haase M, Westerman M, Bellomo R. [Greater increase in urinary hepcidin predicts protection from acute kidney injury after cardiopulmonary bypass](#). *Nephrol Dial Transplant*. 2012; 27(2): 595-602.
 18. Calzavacca P, Tee A, Licari E, Schneider AG, Bellomo R. [Point-of-Care Measurement of Serum Creatinine in the Intensive Care Unit](#). *Ren Fail*. 2012;34(1):13-8.
 19. Prowle JR, Calzavacca P, Licari E, Ligabo EV, Echeverri JE, Haase M, Haase-Fielitz A, Bagshaw SM, Devarajan P, Bellomo R. [A pilot double-blind, randomized controlled trial of short-term atorvastatin for prevention of acute kidney injury after cardiac surgery](#). *Nephrology (Carlton)*. 2012; 17(3): 215-24
 20. Calzavacca P, Licari E, Tee A, Bellomo R. [Point-of-care testing during medical emergency team activations: A pilot study](#). *Resuscitation*. 2012;83(9):1119.
 21. Ishikawa K, Wan L, Calzavacca P, Bellomo R, Bailey M, May CN. [The effects of terlipressin on regional hemodynamics and kidney function in experimental hyperdynamic sepsis](#). *PLoS One*. 2012;7(2):e29693. Epub 2012 Feb 15.
 22. Rapid Response Team composition, resourcing and calling criteria in Australia. ANZICS-CORE MET dose Investigators, Jones D, Drennan K, Hart GK, Bellomo R, Web SA. *Resuscitation*. 2012 May;83(5):563-7.
 23. Ishikawa K, Calzavacca P, Bellomo R, Bailey M, May CN. Effect of selective inhibition of renal inducible nitric oxide synthase on renal blood flow and function in experimental hyperdynamic sepsis. *Crit Care Med*. 2012;40(8):2368.
 24. May CN, Calzavacca P, Ishikawa K, Langenberg C, Wan L, Ramchandra R, Bellomo R. Novel targets for sepsis induced kidney injury: the glomerular arterioles and the sympathetic nervous system. *Exp Physiol*. 2012; 97(11):1168.
 25. Bellomo R, Suzuki S, Marino B, Starkey GK, Chambers B, Fink MA, Wang BZ, Houston S, Eastwood G, Calzavacca P, Glassford N, Skene A, Jones DA, Jones R. Normothermic extracorporeal perfusion of isolated porcine liver after warm ischaemia: a preliminary report. *Crit Care Resusc*. 2012 Sep;14(3):173-6.
 26. Bellomo R, Lipcsey M, Calzavacca P, Haase M, Haase-Fielitz A, Licari E, Tee A, Cole L, Cass A, Finfer S, Gallagher M, Lee J, Lo S, McArthur C, McGuinness S, Myburgh J, Scheinkestel C; RENAL Study Investigators and The ANZICS Clinical Trials Group. Early acid-base and blood pressure effects of continuous renal replacement therapy intensity in

patients with metabolic acidosis. *Int Care Med*. 2013;39(3):429-36.

27. Bellomo R, Marino B, Starkey G, Wang BZ, Fink MA, Zhu N, Suzuki S, Houston S, Eastwood G, Calzavacca P, Glassford N, Chambers B, Skene A, Schneider AG, Jones D, Hilton A, Opdam H, Warrillow S, Gauthier N, Johnson L, Jones R. [Normothermic extracorporeal human liver perfusion following donation after cardiac death](#). *Crit Care Resusc*. 2013;15(2):78-82.
28. ANZICS-CORE MET dose investigators. *Crit Care Resusc*. 2013 Dec;15(4):273-8.
29. Ke L, Calzavacca P, Bailey M, May CN, Li WQ, Bertolini J, Bellomo R. Systemic and renal haemodynamic effects of fluid bolus therapy: sodium chloride versus sodium octanoate-balanced solution. *Crit Care Resusc*. 2014 Mar;16(1):29-33.
30. Calzavacca P, May CN, Bellomo R. Glomerular haemodynamics, the renal sympathetic nervous system and sepsis-induced acute kidney injury. *Nephrol Dial Transplant*. 2014 Dec;29(12):2178-84.
31. Calzavacca P, Bailey M, Velkoska E, Burrell LM, Ramchandra R, Bellomo R, May CN. Effects of renal denervation on regional hemodynamics and kidney function in experimental hyperdynamic sepsis. *Crit Care Med*. 2014 Jun;42(6):e401-9.
32. Booth LC, Ramchandra R, Calzavacca P, May CN. Role of Prostaglandins in Determining the Increased Cardiac Sympathetic Nerve Activity in Ovine Sepsis. *Am J Physiol Regul Integr Comp Physiol*. 2014 Jul 1;307(1):R75-81.
33. Calzavacca P, Lankadeva YR, Bailey SR, Bailey M, Bellomo R, May CN. Effects of selective β 1-adrenoceptor blockade on cardiovascular and renal function and circulating cytokines in ovine hyperdynamic sepsis. *Crit Care*. 2014 Nov 21;18(6):610.
34. Ke L., Calzavacca P, Bailey M, Li WQ, Bellomo R, May CN. Acid-base changes after fluid bolus: sodium chloride vs. sodium octanoate. *Intensive Care Medicine Experimental* 2013, 1:4.
35. Schneider AG, Calzavacca P, Schelleman A, Huynh T, Bailey M, May CN, Bellomo R. Contrast-enhanced ultrasound evaluation of renal microcirculation in sheep. *Intensive Care Medicine Experimental* 2014, 2(1):33.
36. Calzavacca P, Ishikawa K, Bailey M, May CN, Bellomo R. Systemic and renal hemodynamic effects of intra-arterial radiocontrast. *Intensive Care Medicine Experimental* 2014, 2:32.
37. Prowle JR, Calzavacca P, Licari E, Ligabo EV, Echeverri JE, Bagshaw SM, Haase-Fielitz A, Haase M, Ostland V, Noiri E, Westerman M, Devarajan P, Bellomo R. Combination of biomarkers for diagnosis of acute kidney injury after cardiopulmonary bypass. *Ren Fail*. 2015 Apr;37(3):408-16.
38. Srisawat N, Sileanu FE, Murugan R, Bellomod R, Calzavacca P, Cartin-Ceba R, Cruz D, Finn J, Hoste EE, Kashani K, Ronco C, Webb S, Kellum JA; Acute Kidney Injury-6 Study Group. Variation in risk and mortality of acute kidney injury in critically ill patients: a multicenter study. *Am J Nephrol*. 2015;41(1):81-8.
39. Calzavacca P, Evans RG, Bailey M, Lankadeva YR, Bellomo R, May CN. Long-term Measurement of Renal Cortical and Medullary Tissue Oxygenation and Perfusion in Unanesthetized Sheep. *Am J Physiol Regul Integr Comp Physiol*. 2015 May 15;308(10):R832-9.
40. Calzavacca P, Evans RG, Bailey M, Bellomo R, May CN. Cortical and medullary tissue perfusion and oxygenation in experimental septic acute kidney injury. *Crit Care Med* 2015;43(10):e431-9.
41. Calzavacca P, Evans RG, Bailey M, Bellomo R, May CN. Variable responses of regional renal oxygenation and perfusion to vasoactive agents in awake sheep. *Am J Physiol Regul Integr Comp Physiol*. 2015;15(309):R1226-33.

Capitoli di libro:

1. Elisa Licari MD, Paolo Calzavacca MD, Ronco Claudio MD, Rinaldo Bellomo MD. (2007) Fluid resuscitation and the septic kidney. *Acute Kidney Injury*. C Ronco, R Bellomo, JA Kellum. Karger, I edition, pp. 167-77.

2. Paolo Calzavacca MD, Elisa Licari MD, Rinaldo Bellomo MD. (2009) Renal Failure in Stewart's textbook of acid-base, Edited by JA Kellum, PWG Elbers. Elsevier, II edition, pp. 393-406.
3. Elisa Licari MD, Paolo Calzavacca MD, Rinaldo Bellomo MD (2009) Renal blood flow and perfusion pressure. Critical care nephrology. C Ronco, R Bellomo, JA Kellum. Elsevier, II edition, pp 172-6.
4. Paolo Calzavacca MD, Elisa Licari MD, Rinaldo Bellomo MD (2009) Dopamine Receptor Agonists. Critical care nephrology. C Ronco, R Bellomo, JA Kellum. Elsevier, II edition, pp 424-8.
5. Paolo Calzavacca MD, Elisa Licari MD, Rinaldo Bellomo MD (2009) Acid-base Disorders secondary to Renal Failure. Critical care nephrology. C Ronco, R Bellomo, JA Kellum. Elsevier, II edition, pp 662-6.
6. Paolo Calzavacca MD, Elisa Licari MD, Rinaldo Bellomo MD (2010) Acute kidney injury. Surgical Intensive Care Medicine. JM O'Donnell, FE Nàcul. Kluver academic Publisher, II edition, Springer NY, pp 421-30.
7. Elisa Licari MD, Paolo Calzavacca MD, Rinaldo Bellomo MD (2010) Dialytic therapy. Surgical Intensive Care Medicine. JM O'Donnell, FE Nàcul. Kluver academic Publisher, II edition, Springer NY pp 431-8.
8. Francesca Rubulotta, Paolo Calzavacca, Michael De Vita (in print) The Rapid Response System: A role in risk reduction. End of life care in the ICU (Oxford Specialist Handbook). G Rocker, E Azoulay

*Per quanto riguarda i compensi percepiti si rimanda alla tabella pubblicata nell'apposita sezione "Amministrazione trasparente" del sito: Personale/Dirigenti/

Il sottoscritto dichiara, sotto la propria responsabilità, che ogni dato o notizia contenuta nel presente curriculum coincide con i contenuti della corrispondente copia cartacea agli atti della Struttura di appartenenza.

Si allega copia documento di riconoscimento (solo nella copia cartacea del curriculum)

Data 09/05/2016

F.to Paolo Calzavacca