
Europass Curriculum Vitae



Personal Information

First name/Surname: **Zaccaria Ricci**
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E-mail: z.ricci@libero.it
Nationality: Italian
Date of Birth: 11 June 1973
Gender: Male
CODICE FISCALE: RCCZCR73H11A944E

Work Experience

Date: July 2006 – today
Name of Employer: Bambino Gesù Children's Hospital, Italy
Occupation: Anesthesiologist and Intensivist – Cardiac Surgery

Main activities and responsibilities: Anesthesia and Intensive care in the field of Cardio-Thoracic Surgery

Date: October 2001 – June 2006
Name of Employer: Policlinico Umberto I – Università degli Studi di Roma – La Sapienza
Occupation: Anesthesiologist and Intensivist – Intensive Care Unit, General Surgery

Main activities and responsibilities: Anesthesia and Intensive care

Education and Training

Date: 1991 - 1997

Title of qualification awarded: Medical Graduation

Date: 1997 – 2001

Title of qualification awarded: School of Anesthesia and Intensive Care

Personal Skills and Competences

Mother tongue: Italian
 Other languages: English
 Self-assessment: Good understanding, good speaking

- ≡ *Anesthesia and Intensive Care in Adult Intensive Care and general anesthesiology, Anesthesia and Intensive care for Pediatric Cardiac Surgery, Vascular Surgery*
- ≡ Expert in **Renal Replacement therapy**

Additional Information - Teaching activities and Research

Achieved the license to work as Associate Professor in 2012. Currently collaborating as a peer reviewer with more than 10 indexed journals in the area of Critical Care and Nephrology. Since October 2009, F1000 Associated Faculty Member and in the Editorial Board of the journal "Blood Purification". Since 2010, in the editorial board of the journal "Heart Lung and Vessels". Since October 2013, Associate Editor of the journal "BMC Anesthesiology". Since January 2014, Associate Editor of "Pediatric Critical Care Medicine" and "PLOS ONE".

Additional Information – Course as attendant

- ≡ **Corso Base di Ventilazione Artificiale**. Milan, SMART, May 2000.
- ≡ **Corso Avanzato di Ventilazione Artificiale**. Milan, SMART, May 2000.
- ≡ **Corso di Equilibrio Acido-Base**. Milano, SMART, May 2000.
- ≡ **Corso Advanced Life Support Provider**. Rome, Università Cattolica del Sacro Cuore, April 2003.
- ≡ **Corso Advanced Life Support Istruttore**. Rome, Università Cattolica del Sacro Cuore, November 2003.
- ≡ **Corso Advanced Trauma Life Support Provider**. Rome, Policlinico Umberto I, April 2005.
- ≡ **Course on Statistics applied to Biomedical Research**. Bergamo, Istituto di Ricerche Farmacologiche Mario Negri, June to November 2005.
- ≡ **Advanced Course on Clinic Research Methodology**. Roma, Gruppo Italiano per la Medicina Basata sulle Evidenze. Ospedale Bambino Gesù di Roma, May to September 2008.
- ≡ **Workshop "Observational Studies: planning, conduction, analysis and reporting"**, Fondazione GIMBE, Bologna 2011
- ≡ **Transesophageal Training**, Pisa 2013, Cardiac Surgery department, Prof. F. Guarracino
- ≡ Master on "**VENIPUNTURA ECOGUIDATA NEL NEONATO E NEL BAMBINO**", Roma 2014, Ospedale Gemelli

Additional Information – Publications

BOOK CHAPTERS

- ≡ P Piccinni, Z Ricci and C Ronco. "Dose d'Hemofiltration nel testo Circulations extra-corporelles en réanimation", autori O Bastien (Lyon), R Robert (Poitiers) e P Honoré (Ottignies-LLN).
- ≡ Z Ricci, C Ronco. "Quantifying the Dose of Acute Kidney Replacement Therapy" nel testo "Management of Acute Kidney Problems", autore Achim Jörres, Charité University, Berlino edito da Springer.

- ≡ C Ronco, Z Ricci. “Renal Replacement Therapies In The Critically Ill Patient” nel testo “Critical Care 4th Edition”, autori Civetta, Taylor, and Kirby, edito da Lippincott, Williams and Wilkins.
- ≡ Z Ricci, C Ronco. “Renal Replacement Therapy” nel testo “Core topics in cardiothoracic critical care”, autori A Kline, A Vuylsteke and SAM Nashef, edito da Cambridge University Press.
- ≡ Z Ricci, C Ronco. “Dose Adequacy and assessment” nel testo “CRRT Handbook” autori J Kellum, R Bellomo and C Ronco.
- ≡ D Cruz, Z Ricci, S Silva and Claudio Ronco. “Continuous Renal Replacement Therapies”, nel testo “Therapy in Nephrology and Hypertension: A Companion to Brenner & Rector's The Kidney”, autori C Wilcox et al edito da Saunders.
- ≡ C Ronco, Z Ricci “Hemo(dia)filtration”, nel testo “Oxford desk reference: critical care”, autori C Waldmann, N Soni, and A Rhodes, edito da Oxford University Press.
- ≡ Z Ricci, C Ronco “Renal replacement therapies” nel testo “Miller's Anesthesia 7th Edition” autori Ronald D. Miller MD, Lars I. Eriksson, Lee A. Fleisher MD, and Jeanine P. Wiener-Kronish, edito da Churchill Livingstone.
- ≡ C Ronco and Z Ricci. “Renal Support Therapy”. The ESC Textbook of Intensive and Acute Cardiovascular Care SECOND EDITION Edited by Marco Tubaro, Pascal Vranckx, Susanna Price and Christiaan Vrints.
- ≡ Z Ricci and Goldstein SL. “Pediatric CRRT”. Acute Nephrology for the clinician Edited by S. Bagshaw, L. Forni, A.B.J. Groeneveld, M. Joannidis, H.M. Oudemans. Springer eds. In press

INDEXED SCIENTIFIC PUBLICATIONS (from last to first)

1. Romagnoli S, Ricci Z, Ronco C. Therapy of acute kidney injury in the perioperative setting. *Curr Opin Anaesthesiol.* 2016 Nov 10. [Epub ahead of print]
2. Romagnoli S, Ricci Z. When to start a renal replacement therapy in acute kidney injury (AKI) patients: many irons in the fire. *Ann Transl Med.* 2016 Sep;4(18):355.
3. Romagnoli S, Ricci Z. The good receipt for the kidneys: salty...but not too much. *J Thorac Dis.* 2016 Sep;8(9):2403-2406.
4. Neri M, Villa G, Garzotto F, Bagshaw S, Bellomo R, Cerda J, Ferrari F, Guggia S, Joannidis M, Kellum J, Kim JC, Mehta RL, Ricci Z, Trevisani A, Marafon S, Clark WR, Vincent JL, Ronco C; Nomenclature Standardization Initiative (NSI) alliance. Nomenclature for renal replacement therapy in acute kidney injury: basic principles. *Crit Care.* 2016 Oct 10;20(1):318.
5. Villa G, Neri M, Bellomo R, Cerda J, De Gaudio AR, De Rosa S, Garzotto F, Honore PM, Kellum J, Lorenzin A, Payen D, Ricci Z, Samoni S, Vincent JL, Wendon J, Zaccaria M, Ronco C; Nomenclature Standardization Initiative (NSI) Alliance. Nomenclature for renal replacement therapy and blood purification techniques in critically ill patients: practical applications. *Crit Care.* 2016 Oct 10;20(1):283.
6. Bagshaw SM, Chakravarthi MR, Ricci Z, Tolwani A, Neri M, De Rosa S, Kellum JA, Ronco C; ADQI Consensus Group. Precision Continuous Renal Replacement Therapy and Solute Control. *Blood Purif.* 2016;42(3):238-47.
7. Ricci Z, Romagnoli S, Di Chiara L. Latent AKI is... still AKI: the quantification of the

- burden of renal dysfunction. *Crit Care*. 2016 Aug 26;20:238. doi: 10.1186/s13054-016-1428-9.
8. Ricci Z. Pediatric Acute Kidney Injury: The Fight of Inadequate Education Versus Inadequate Literature. *Pediatr Crit Care Med*. 2016 Aug;17(8):808-10.
 9. Romagnoli S, Zagli G, Tuccinardi G, Tofani L, Chelazzi C, Villa G, Cianchi F, Coratti A, De Gaudio AR, Ricci Z. Postoperative acute kidney injury in high-risk patients undergoing major abdominal surgery. *J Crit Care*. 2016 May 25;35:120-125.
 10. Favia I, Rizza A, Garisto C, Haiberger R, Di Chiara L, Romagnoli S, Ricci Z. Cardiac index assessment by the pressure recording analytical method in infants after paediatric cardiac surgery: a pilot retrospective study. *Interact Cardiovasc Thorac Surg*. 2016 Aug 1. pii: ivw251. [Epub ahead of print]
 11. Ricci Z, Guzzi F, Tuccinardi G, Romagnoli S. Dialytic dose in pediatric continuous renal replacement therapy patients. *Minerva Pediatr*. 2016 Oct;68(5):366-73.
 12. Romagnoli S, Zagli G, Ricci Z, Villa G, Barbani F, Pinelli F, De Gaudio R, Chelazzi C. Cardiac output: a central issue in patients with respiratory extracorporeal support. *Perfusion*. 2016 Jul 20. pii: 0267659116658112. [Epub ahead of print]
 13. Romagnoli S, Ricci Z. Statins and acute kidney injury following cardiac surgery: has the last word been told? *J Thorac Dis*. 2016 Jun;8(6):E451-4.
 14. Balsorano P, Romagnoli S, Evans SK, Ricci Z, De Gaudio AR. Urinary Strong Ion Difference as a Marker of Renal Dysfunction. A Retrospective Analysis. *PLoS One*. 2016 Jun 3;11(6):e0156941.
 15. Ricci Z. Fluid Overload After Neonatal Cardiac Surgery Is Bad: Keep the Bottles on the Shelf, Squeeze the Patients...or Both? *Pediatr Crit Care Med*. 2016 May;17(5):463-5.
 16. Lorenzin A, Garzotto F, Alghisi A, Neri M, Galeano D, Aresu S, Pani A, Vidal E, Ricci Z, Murer L, Goldstein SL, Ronco C. CVVHD treatment with CARPEDIEM: small solute clearance at different blood and dialysate flows with three different surface area filter configurations. *Pediatr Nephrol*. 2016 Apr 30. [Epub ahead of print]
 17. Romagnoli S, Ricci Z, Ronco C. Novel Extracorporeal Therapies for Combined Renal-Pulmonary Dysfunction. *Semin Nephrol*. 2016 Jan;36(1):71-7.
 18. Haiberger R, Favia I, Romagnoli S, Cogo P, Ricci Z. Clinical Factors Associated with Dose of Loop Diuretics After Pediatric Cardiac Surgery: Post Hoc Analysis. *Pediatr Cardiol*. 2016 Jun;37(5):913-8.
 19. Rizza A, Romagnoli S, Ricci Z. Fluid Status Assessment and Management During the Perioperative Phase in Pediatric Cardiac Surgery Patients. *J Cardiothorac Vasc Anesth*. 2015 Nov 10. pii: S1053-0770(15)00937-4.
 20. Ricci Z, Romagnoli S, Ronco C. Renal Replacement Therapy. *F1000Res*. 2016 Jan 25;5. pii: F1000 Faculty Rev-103.
 21. Villa G, Ricci Z, Romagnoli S, Ronco C. Multidimensional Approach to Adequacy of Renal Replacement Therapy in Acute Kidney Injury. *Contrib Nephrol*. 2016;187:94-105.
 22. Ricci Z, Goldstein SL. Pediatric Continuous Renal Replacement Therapy. *Contrib Nephrol*.

- 2016;187:121-30.
23. Romagnoli S, Rizza A, Ricci Z. Fluid Status Assessment and Management during the Perioperative Phase in Adult Cardiac Surgery Patients. *J Cardiothorac Vasc Anesth.* 2015 Nov 10. pii: S1053-0770(15)00938-6.
 24. Rizza A, Bignami E, Belletti A, Polito A, Ricci Z, Isgrò G, Locatelli A, Cogo P. Vasoactive Drugs and Hemodynamic Monitoring in Pediatric Cardiac Intensive Care: An Italian Survey. *World J Pediatr Congenit Heart Surg.* 2016 Jan;7(1):25-31.
 25. Ricci Z, Haiberger R, Pezzella C, Favia I, Cogo P. Evaluation of Endotoxemia After Pediatric Cardiac Surgery With the Endotoxin Activity Assay: An Exploratory Prospective Cohort Study *Pediatr Crit Care Med.* 2015 Dec 11.
 26. Ricci Z, Romagnoli S, Villa G, Ronco C. Modality and dosing of acute renal replacement therapy. *Minerva Urol Nefrol.* 2015 Nov 10.
 27. Ricci Z, Benelli S, Barbarigo F, Cocozza G, Pettinelli N, Di Luca E, Mettifogo M, Toniolo A, Ronco C. Nursing procedures during continuous renal replacement therapies: a national survey. *Heart Lung Vessel.* 2015;7(3):224-30.
 28. Villa G, Ricci Z, Ronco C. Renal Replacement Therapy. *Crit Care Clin.* 2015 Oct;31(4):839-48.
 29. Ronco C, Antonelli M, Capasso G, De Gaudio R, Fiaccadori E, Lorini L, Mancini E, Monti G, Morabito S, Nalesso F, Piccinni P, Ricci Z, Romagnoli S, Santoro A, Aresu S, De Rosa S, Samoni S, Spinelli A, Villa G, Armignacco P, Basile C, Biancofiore G, Cantaluppi V, Cerutti S, De Pascalis A, Fumagalli R, Garzotto F, Gaspardone A, Genovesi S, Guggia S, Inguaggiato P, Lorenzin A, Marenzi G, Mariano F, Neri M, Pani A, Pertosa G, Pistolesi V, Sartori M. [Guidelines for the prevention, diagnosis and treatment of acute kidney injury syndromes: Italian version of KDIGO, integrated with new evidence and international commentaries]. *G Ital Nefrol.* 2015 Mar-Apr;32(2).
 30. Joannidis M, Ricci Z, Schetz M. Feeding the kidneys in AKI: no appetite for a change in practice. *Intensive Care Med.* 2015 May 22. [Epub ahead of print]
 31. Ricci Z, Benelli S, Barbarigo F, and Ronco C for the Vicenza Nurse Practices Survey Working Group. Nursing Procedures during Continuous Renal Replacement Therapies: a National survey. *Heart Lung and Vessels*, accepted, in press.
 32. Ronco C, Ricci Z, Goldstein SL. (R)evolution in the Management of Acute Kidney Injury in Newborns. *Am J Kidney Dis.* 2015 May 7. pii: S0272-6386(15)00620-4.
 33. Ronco C, Ricci Z. Pediatric continuous renal replacement: 20 years later. *Intensive Care Med.* 2015 Apr 17. [Epub ahead of print]
 34. Ronco C, Ricci Z, De Backer D, Kellum JA, Taccone FS, Joannidis M, Pickkers P, Cantaluppi V, Turani F, Saudan P, Bellomo R, Joannes-Boyau O, Antonelli M, Payen D, Prowle JR, Vincent JL. Renal replacement therapy in acute kidney injury: controversy and consensus. *Crit Care.* 2015 Apr 6;19(1):146.
 35. Romagnoli S, Ricci Z. Lung protective ventilation in Cardiac Surgery. *Heart Lung Vessel.*

- 2015;7(1):5-6.
36. Forni LG, Ricci Z, Ronco C. Extracorporeal Renal Replacement Therapies in the Treatment of Sepsis: Where Are We? *Semin Nephrol.* 2015 Jan;35(1):55-63.
 37. Ricci Z, Haiberger R, Tofani L, Romagnoli S, Favia I, Cogo P. Multisite Near Infrared Spectroscopy During Cardiopulmonary Bypass in Pediatric Patients. *Artif Organs.* 2015 Mar 18. doi: 10.1111/aor.12424.
 38. Ricci Z, Romagnoli S. Prescription of dialysis in pediatric acute kidney injury. *Minerva Pediatr.* 2015 Apr;67(2):159-67.
 39. Ricci Z, Haiberger R, Pezzella C, Garisto C, Favia I, Cogo P. Furosemide versus ethacrynic acid in pediatric patients undergoing cardiac surgery: a randomized controlled trial. *Crit Care.* 2015 Jan 7;19(1):2.
 40. Romagnoli S, Ricci Z, Quattrone D, Tofani L, Tujjar O, Villa G, Romano SM, De Gaudio A. Accuracy of invasive arterial pressure monitoring in cardiovascular patients: an observational study. *Crit Care.* 2014 Nov 30;18(6):644.
 41. Ricci Z, Di Nardo M, Ronco C. Year in review 2013: Critical Care - nephrology. *Crit Care.* 2014 Oct 21;18(5):574.
 42. Romagnoli S, Ricci Z. Postoperative acute kidney injury. *Minerva Anesthesiol.* 2014 Jul 24. [Epub ahead of print]
 43. Testa G, Iodice F, Ricci Z, Vitale V, De Razza F, Haiberger R, Iacoella C, Conti G, Cogo P. Comparative evaluation of high-flow nasal cannula and conventional oxygen therapy in paediatric cardiac surgical patients: a randomized controlled trial. *Interact Cardiovasc Thorac Surg.* 2014 Sep;19(3):456-61.
 44. Romagnoli S, Ricci Z, Balsorano P, Tujjar O, Villa G, Bevilacqua S, Tofani L, De Gaudio AR. Comparison between mixed and central venous oxygen saturation in patients with severe acute heart failure after cardiac surgery: A prospective observational study. *Int J Cardiol.* 2014 Aug 20;175(3):566-7.
 45. Ronco C, Garzotto F, Brendolan A, Zanella M, Bellettato M, Vedovato S, Chiarenza F, Ricci Z, Goldstein SL. *Lancet.* 2014 May 24;383(9931):1807-13.
 46. Biasucci DG, Ricci Z, Conti G, Cogo P. Sonographic dynamic assessment of lung injury in a child with hypoplastic left heart syndrome undergoing extracorporeal membrane oxygenation. *Pediatr Pulmonol.* 2014 May 22.
 47. Ricci Z, Pezzella C, Romagnoli S, Iodice F, Haiberger R, Carotti A, Cogo P. High levels of free haemoglobin in neonates and infants undergoing surgery on cardiopulmonary bypass. *Interact Cardiovasc Thorac Surg.* 2014 Aug;19(2):183-7.
 48. Iodice FG, Ricci Z, Haiberger R, Favia I, Cogo P. Fiberoptic monitoring of central venous oxygen saturation (PediaSat) in small children undergoing cardiac surgery: continuous is not

- continuous. Version 2. F1000Res. 2014 Jan 23 [revised 2014 Apr 9];3:23.
49. Vitale V, Ricci Z, Cogo P. Lung ultrasonography and pediatric cardiac surgery: first experience with a new tool for postoperative lung complications. *Ann Thorac Surg.* 2014 Apr;97(4):e121-4.
50. Ricci Z, Romagnoli S. Renal replacement therapy for critically ill patients: an intermittent continuity. *Crit Care.* 2014 Mar 5;18(2):115
51. Ricci Z, Ronco C. Early pediatric renal replacement therapy: is the baby wash actually killing the baby? *Ann Thorac Surg.* 2014 Mar;97(3):1124. doi: 10.1016/j.athoracsur.2013.09.087. No abstract available
52. Garisto C, Favia I, Ricci Z, Romagnoli S, Haiberger R, Polito A, Cogo P. Pressure recording analytical method and bioreactance for stroke volume index monitoring during pediatric cardiac surgery. *Paediatr Anaesth.* 2014 Feb 3. doi: 10.1111/pan.12360.
53. Romagnoli S, Bevilacqua S, Ricci Z, De Gaudio AR. Lung-protective Ventilation during General Anesthesia: What about the Oxygen? *Anesthesiology.* 2014 Feb;120(2):511-2. doi: 10.1097/ALN.0000000000000084.
54. Ricci Z, Ronco C. Year in review 2012: Critical Care - nephrology. *Crit Care.* 2013 Nov 22;17(6):246
55. Di Nardo M, Stoppa F, Marano M, Ricci Z, Barbieri MA, Cecchetti C. Ultrasound-Guided Left Brachiocephalic Vein Cannulation in Children With Underlying Bleeding Disorders: A Retrospective Analysis. *Pediatr Crit Care Med.* 2013 Nov 6. [Epub ahead of print]
56. Romagnoli S, Ricci Z, Romano SM, Dimizio F, Bonicolini E, Quattrone D, De Gaudio R. FloTrac/VigileoTM (Third Generation) and MostCare[®]/PRAM Versus Echocardiography for Cardiac Output Estimation in Vascular Surgery. *J Cardiothorac Vasc Anesth.* 2013 Sep 19. [Epub ahead of print]
57. Di Chiara L, Ricci Z, Brancaccio G, Gandolfo F, Amodeo A. Left ventricular retraining after arterial switch operation facilitated by mechanical circulatory support. *J Heart Lung Transplant.* 2013 Aug;32(8):842-3.
58. Giorni C, Ricci Z, Iodice F, Garisto C, Favia I, Polito A, Carotti A, Cogo P. Use of Confidex to Control Perioperative Bleeding in Pediatric Heart Surgery: Prospective Cohort Study. *Pediatr Cardiol.* 2013 Jul 11. [Epub ahead of print]
59. Vitale V, Ricci Z, Cogo P. Preoperative use of steroids in pediatric cardiac surgery: new directions for future research? *Ann Thorac Surg.* 2013 Jul;96(1):375.
60. Ricci Z, Ronco C. Neonatal RIFLE. *Nephrol Dial Transplant.* 2013 Sep;28(9):2211-4.
61. Polito A, Netto R, Soldati M, Brancaccio G, Grutter G, Amodeo A, Ricci Z, Morelli S, Cogo

- P. Neurological Complications During Pulsatile Ventricular Assistance With the Berlin Heart EXCOR in Children: Incidence and Risk Factors. *Artif Organs*. 2013 Oct;37(10):851-6.
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64. Ricci Z, Di Nardo M, Iacoella C, Netto R, Picca S, Cogo P. Pediatric RIFLE for acute kidney injury diagnosis and prognosis for children undergoing cardiac surgery: a single-center prospective observational study. *Pediatr Cardiol*. 2013 Aug;34(6):1404-8.
65. Di Nardo M, Ficarella A, Ricci Z, Luciano R, Stoppa F, Picardo S, Picca S, Muraca M, Cogo P. Impact of severe sepsis on serum and urinary biomarkers of acute kidney injury in critically ill children: an observational study. *Blood Purif*. 2013;35(1-3):172-6.
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67. Ricci Z, Romagnoli S, Ronco C. Perioperative intravascular volume replacement and kidney insufficiency. *Best Pract Res Clin Anaesthesiol*. 2012 Dec;26(4):463-74.
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70. Ricci Z. RIFLE is alive: long live RIFLE. *Crit Care*. 2012 Nov 29;16(6):182.
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72. Ricci Z, Romagnoli S, Emma F. Permissive hypofiltration: an alternative view. *Crit Care*. 2012 Nov 8;16(6):458
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84. Ricci Z, Ronco C. Timing, dose and mode of dialysis in acute kidney injury. *Curr Opin Crit Care.* 2011 Dec;17(6):556-61.
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86. Ricci Z, Iacoella C, Cogo P. Fluid management in critically ill pediatric patients with congenital heart disease. *Minerva Pediatr.* 2011 Oct;63(5):399-410.
87. Vitale V, Ricci Z, Favia I, Fragasso T, Cogo P, Rossi E. Fontan operation, vasopressin and septic shock: a case report on the usual treatment in a peculiar setting. *Pediatr Cardiol.* 2011 Dec;32(8):1273-4.
88. Ricci Z, Pilati M, Favia I, Garisto C, Rossi E, Romagnoli S. Hemodynamic monitoring by pulse contour analysis in critically ill children with congenital heart disease. *Pediatr Crit Care*

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92. Ricci Z, Ronco C. Technical advances in renal replacement therapy. *Semin Dial.* 2011 Mar-Apr;24(2):138-41
93. Ricci Z, Romagnoli S. Underdosing continuous venovenous hemofiltration predicts outcome in septic patients with acute kidney injury. *J Crit Care.* 2011 Apr;26(2):221; author reply 222.
94. Ricci Z, Cruz DN, Ronco C. Classification and staging of acute kidney injury: beyond the RIFLE and AKIN criteria. *Nat Rev Nephrol.* 2011 Apr;7(4):201-8.
95. Ricci Z, Polito A, Polito A, Ronco C. The implications and management of septic acute kidney injury. *Nat Rev Nephrol.* 2011 Apr;7(4):218-25.
96. Ricci Z, Picca S, Guzzo I, Ronco C. Kidney diseases beyond nephrology: intensive care. *Nephrol Dial Transplant.* 2011 Feb;26(2):448-54.
97. Ricci Z, Ronco C. Year in review 2009: Critical Care--nephrology. *Crit Care.* 2010;14(6):241.
98. Amodeo A, Brancaccio G, Michielon G, Filippelli S, Ricci Z, Morelli S, Gagliardi MG, Iacobelli R, Pongiglione G, Di Donato RM. Pneumatic pulsatile ventricular assist device as a bridge to heart transplantation in pediatric patients. *Artif Organs.* 2010 Nov;34(11):1017-22. doi: 10.1111/j.1525-1594.2010.01144.x.
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100. Vitale V, Ricci Z, Favia I, Morelli S, Giorni C, Picardo S. Steroids and pediatric cardiac surgery: the right drug, at the right time, for the right patient. *Pediatr Crit Care Med.* 2010 Nov;11(6):769-70
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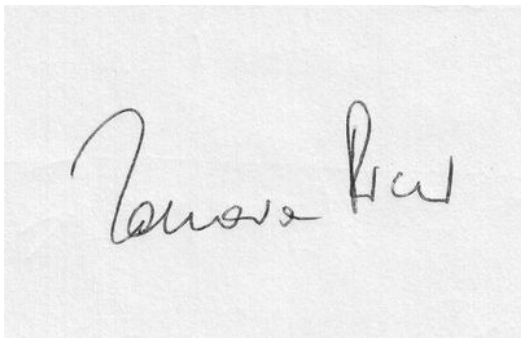
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Rome, December 8th, 2016

A rectangular area containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read 'Zaccaria Ricci'.

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