Supplementary material

Supplemental Table 1. List of the 23 randomized controlled trials published in the New England Journal of Medicine.

|  |  |  |
| --- | --- | --- |
| First Author | Year | Title |
| Finfer S | 2004 | A comparison of albumin and saline for fluid resuscitation in the intensive care unit |
| Mynurg J | 2007 | Saline or albumin for fluid resuscitation in patients with traumatic brain injury |
| Bellomo R | 2009 | Intensity of continuous renal-replacement therapy in critically ill patients |
| Finfer S | 2009 | Intensive versus conventional glucose control in critically ill patients |
| Myburgh JA | 2012 | Hydroxyethyl starch or saline for fluid resuscitation in intensive care |
| Finfer S | 2012 | Hypoglycemia and risk of death in critically ill patients |
| Peake SL | 2014 | Goal-directed resuscitation for patients with early septic shock |
| Young P | 2015 | Acetaminophen for Fever in Critically Ill Patients with Suspected Infection |
| Cooper DJ | 2017 | Age of Red Cells for Transfusion and Outcomes in Critically Ill Adults |
| Khanna A | 2017 | Angiotensin II for the Treatment of Vasodilatory Shock |
| Landoni G | 2017 | Levosimendan for Hemodynamic Support after Cardiac Surgery |
| Chapman M | 2018 | Energy-Dense versus Routine Enteral Nutrition in the Critically Ill |
| Myles PS | 2018 | Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery |
| Venkatesh B | 2018 | Adjunctive Glucocorticoid Therapy in Patients with Septic Shock |
| Shehabi Y | 2019 | Early Sedation with Dexmedetomidine in Critically Ill Patients |
| Landoni G | 2019 | Volatile Anesthetics versus Total Intravenous Anesthesia for Cardiac Surgery |
| Bagshaw SM | 2020 | Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury |
| Mackle D | 2020 | Conservative Oxygen Therapy during Mechanical Ventilation in the ICU |
| Hodgson CL | 2022 | Early Active Mobilization during Mechanical Ventilation in the ICU |
| Finfer S | 2022 | Balanced Multielectrolyte Solution versus Saline in Critically Ill Adults |
| Eastwood G | 2023 | Mild Hypercapnia or Normocapnia after Out-of-Hospital Cardiac Arrest |
| Landoni G | 2024 | A Randomized Trial of Intravenous Amino Acids for Kidney Protection |
| Monaco F | 2025 |  A Randomized Trial of Acute Normovolemic Hemodilution in Cardiac Surgery |

Supplemental Table 2. Top 10 most cited articles authored by Professor Rinaldo Bellomo.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Title | Journal | Year | Topic | Article type | Citations |
| The Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3) | JAMA | 2016 | Sepsis & Septic Shock | Consensus document | 17,284 |
| Epidemiology of acute kidney injury in critically ill patients: the multinational AKI-EPI study | Intensive Care Med | 2015 | Acute kidney injury | Original research article | 1945 |
| Cardiorenal Syndrome | J Am Coll Cardiol | 2008 | Acute kidney injury & Heart failure | Review article | 1566 |
| Goal-Directed Resuscitation for Patients with Early Septic Shock | N Engl J Med | 2014 | Sepsis & Septic Shock | Original research article | 1399 |
| Acute kidney injury | Lancet | 2012 | Acute kidney injury | Review article | 1362 |
| Mortality Related to Severe Sepsis and Septic Shock Among Critically III Patients in Australia and New Zealand, 2000–2012 | JAMA | 2014 | Sepsis & Septic Shock | Original research article | 1281 |
| Extracorporeal Membrane Oxygenation for 2009 Influenza A (H1N1) Acute Respiratory Distress Syndrome | JAMA | 2009 | Mechanical circulatory support | Original research article | 1202 |
| Hydroxyethyl Starch or Saline for Fluid Resuscitation in Intensive Care | N Engl J Med | 2012 | Hemodynamic management | Original research article | 1146 |
| Acute kidney injury | Lancet | 2019 | Acute kidney injury | Review article | 1124 |
| Acute kidney disease and renal recovery: consensus report of the Acute Disease Quality Initiative (ADQI) 16 Workgroup | Nat Rev Nephrol | 2017 | Acute kidney injury | Original research article | 1070 |

Journal name abbreviations are in accordance with PubMed.