|  |  |  |  |
| --- | --- | --- | --- |
| Study | Year | Reason for Exclusion | Comment |
| Alexander | 2008 | wrong study design | observational study |
| Barile | 2016 | wrong study design | systematic review and meta-analysis |
| Barr | 2010 | wrong study design | observational study |
| Bergamin | 2014 | included in our meta-analysis |  |
| Bhaskar | 2012 | wrong study design | observational study |
| Bhaskar | 2012 | DUPLICATE of above cell |  |
| Blair | 1986 | included in our meta-analysis |  |
| Blumberg | 2010 | wrong study design | review article |
| Boedy | 2005 | wrong population | pediatrics |
| Boutin | 2016 | wrong study design | systematic review and meta-analysis |
| Bracey | 1999 | included in our meta-analysis |  |
| Brierley | 2014 | wrong study design | TITRe2 study protocol |
| Brierley | 2014 | DUPLICATE of above cell |  |
| Bush | 1997 | included in our meta-analysis |  |
| Carr | 2016 | wrong study design | observational study |
| Carson | 1998 | included in our meta-analysis |  |
| Carson | 2011 | included in our meta-analysis |  |
| Carson | 2012 | wrong study design | clinical practice guideline |
| Carson | 2012 | wrong study design | Cochrane Review |
| Carson | 2012 | DUPLICATE of above cell |  |
| Carson | 2013 | included in our meta-analysis |  |
| Carson | 2015 | DUPLICATE | 3 years follow-up of Carson 2011 |
| Carson | 2015 | DUPLICATE | same as above, 3 years follow-up of Carson 2011 |
| Chantepie | 2015 | wrong study design | RCT protocol |
| Chatterjee | 2013 | wrong study design | meta-analysis |
| Chen | 2009 | wrong population | infants |
| Chen | 2009 | DUPLICATE of above cell |  |
| Cholette | 2011 | wrong population | children |
| Cholette | 2011 | DUPLICATE of above cell |  |
| Colomo | 2008 | DUPLICATE | abstract of Villanueva 2013 |
| Conrotto | 2015 | wrong study design | meta-analysis |
| Cooper | 2011 | included in our meta-analysis |  |
| Curley | 2014 | wrong study design | systematic review and meta-analysis |
| De Almeida | 2015 | included in our meta-analysis |  |
| De Gast-Bakker | 2013 | wrong population | pediatric cardiac surgery |
| Desjardins | 2012 | wrong study design | systematic review |
| Ding | 2015 | wrong study design | database study |
| Docherty | 2016 | wrong study design | systematic review and meta-analysis |
| Dupuis | 2015 | wrong study design | systematic review and meta-analysis |
| Ejaz | 2015 | wrong study design | prospective database study |
| Estcourt | 2012 | wrong study design | Cochrane Review |
| Ettno | 2012 | wrong study design | review |
| Ettno | 2012 | DUPLICATE of above cell |  |
| Fominskiy | 2015 | wrong study design | meta-analysis |
| Fominskiy | 2015 | DUPLICATE of above cell | supplemental content of Fominskiy 2015 |
| Fortune | 1987 | wrong outcome | did not report mortality |
| Foss | 2009 | included in our meta-analysis |  |
| Franco Mazza | 2015 | included in our meta-analysis |  |
| Gregersen | 2015 | included in our meta-analysis |  |
| Grover | 2006 | included in our meta-analysis |  |
| Gruenbaum | 2014 | wrong study design | review article |
| Hajjar | 2007 | wrong study design | review article |
| Hajjar | 2010 | included in our meta-analysis | TRACS study |
| Hebert | 1995 | included in our meta-analysis | TRICC pilot study |
| Hebert | 1999 | included in our meta-analysis | TRICC trial |
| Hebert | 2001 | wrong study design | secondary analysis of TRICC trial |
| Hebert | 2001 | wrong study design | secondary analysis of TRICC trial |
| Heddle | 2009 | wrong intervention | platelet transfusions |
| Hillis | 2015 | wrong study design | review article |
| Holcomb | 2015 | wrong intervention | transfusion ratio of plasma, platelets, and red blood cells |
| Holcomb | 2015 | DUPLICATE of above cell | supplementary material of Holcomb 2015 |
| Holcomb | 2015 | DUPLICATE of above cell | (more) supplementary material of Holcomb 2015 |
| Holst | 2014 | included in our meta-analysis |  |
| Holst | 2014 | DUPLICATE of above cell | duplicate of RCT manuscript of Holst 2014 |
| Holst | 2014 | DUPLICATE of above cell | supplemental appendix of Holst 2014 |
| Holst | 2014 | DUPLICATE of above cell | (another) supplemental appendix of Holst 2014 |
| Holst | 2014 | DUPLICATE of above cell | disclosures form of Holst 2014 |
| Holst | 2015 | wrong study design | systematic review and meta-analysis |
| Holst | 2016 | wrong study design | review and thesis paper |
| Hovaguimian | 2016 | wrong study design | systematic review and meta-analysis |
| Ibrahim | 2014 | wrong study design | systematic review and meta-analysis |
| Jairaith | 2015 | included in our meta-analysis |  |
| Jairath | 2010 | wrong study design | Cochrane Review |
| Jairath | 2010 | DUPLICATE of above cell |  |
| Johnson | 1992 | wrong intervention | autologous blood transfusion |
| Junio | 2012 | included in our meta-analysis |  |
| Kahan | 2013 | wrong study design | statistical analysis plan for RCT |
| Karam | 2011 | wrong population | pediatric patients with sepsis |
| Karam | 2011 | DUPLICATE of above cell |  |
| Karam | 2014 | wrong study design | Cochrane Review |
| Kilic | 2014 | wrong study design | review article |
| Kirpalani | 2006 | wrong population | infants |
| Lacroix | 2007 | wrong population | children |
| Lotke | 1999 | wrong intervention | autologous blood transfusion |
| Markatou | 2012 | included in our meta-analysis |  |
| McCoy | 2011 | wrong population | infants |
| McCoy | 2011 | DUPLICATE of above cell |  |
| McIntyre | 2004 | wrong study design | secondary analysis of TRICC trial |
| McIntyre | 2004 | DUPLICATE of above cell |  |
| Mcintyre | 2006 | wrong study design | secondary analysis of RCT |
| McQuilten | 2015 | wrong study design | systematic review |
| Murphy | 2015 | included in our meta-analysis |  |
| Neskovic | 2013 | wrong intervention | different surgical and/or anesthesia techniques |
| Ness | 2015 | wrong study design | editorial |
| Ness | 2015 | DUPLICATE of above cell |  |
| Nielsen | 2012 | wrong outcome | does not report mortality |
| Nielsen | 2014 | included in our meta-analysis |  |
| Osawa | 2016 | wrong intervention | perioperative goal-directed therapy |
| Parker | 2013 | included in our meta-analysis |  |
| Parker | 2013 | DUPLICATE of above cell |  |
| Pike | 2015 | wrong study design | statistical analysis plan |
| Prick | 2014 | wrong population | postpartum patients |
| Razzaghi | 2012 | wrong study design | systematic review |
| Reeves | 2008 | wrong study design | systematic review |
| Reeves | 2016 | wrong study design | health technology assessment |
| Roberts | 2012 | wrong study design | commentary |
| Robertson | 2014 | included in our meta-analysis |  |
| Robertson | 2014 | DUPLICATE of above cell | open access version of Robertson 2014 |
| Robitaille | 2012 | DUPLICATE | in-press version of Robitaille 2013 |
| Robitaille | 2013 | wrong population | pediatrics |
| Rohde | 2014 | wrong study design | systematic review and meta-analysis |
| Rosencher | 2012 | wrong study design | editorial |
| Rouette | 2010 | wrong population | pediatrics |
| Rouette | 2010 | DUPLICATE of above cell |  |
| Seitz | 2016 | wrong study design | observational study |
| Shah | 2015 | wrong study design | review article |
| Shehata | 2012 | included in our meta-analysis |  |
| Sherwood | 2014 | wrong study design | retrospective cohort |
| Slight | 2008 | wrong intervention | inappropriate control |
| So Osman | 2010 | wrong intervention | inappropriate control |
| So Osman | 2010 | DUPLICATE of above cell |  |
| So Osman | 2014 | wrong intervention | autologous transfusion |
| So Osman (abstract) | 2010 | DUPLICATE of above cell | abstract presentation of above |
| Song | 2014 | wrong study design | secondary analysis of RCT |
| Stanworth | 2010 | wrong intervention | platelet transfusions |
| Stokes | 2016 | wrong study design | secondary analysis of TITRe2 trial |
| Theodoraki | 2014 | wrong study design | secondary analysis/subgroup of Markatou 2014 paper |
| Topley  | 1956 | wrong study design |  |
| Troyan | 2016 | wrong study design | retrospective |
| Utter | 2011 | wrong study design | narrative review |
| Van Remoortel | 2016 | wrong study design | evaluation of transfusion guidelines |
| Van Remoortel | 2016 | DUPLICATE | supplementary content of the above |
| Vedantam | 2016 | wrong study design | secondary analysis of RCT |
| Venkatesh | 2012 | wrong study design | systematic review |
| Villanueva | 2013 | included in our meta-analysis |  |
| Vretzakis | 2009 | wrong intervention | IV fluid therapy |
| Vretzakis | 2009 | DUPLICATE of above cell |  |
| Vretzakis | 2014 | wrong intervention | IV fluid therapy |
| Walsh | 2015 | included in our meta-analysis |  |
| Wang | 2016 | wrong study design | meta-analysis |
| Webert | 2008 | wrong population | chemotherapy induction patients |
| Webert | 2008 | DUPLICATE of above cell |  |
| Whyte | 2009 | wrong population | infants |
| Whyte | 2011 | wrong study design | Cochrane Review |
| Whyte | 2012 | wrong study design | Review article |
| Whyte  | 2009 | DUPLICATE of above cell |  |
| Wilkinson | 2014 | wrong study design | Cochrane review |
| Willems | 2010 | wrong study design | secondary analysis of RCT |
| Willems | 2010 | DUPLICATE of above cell |  |
| Yamal | 2015 | wrong study design | secondary analysis of RCT |
| Zarychansk | 2007 | wrong study design | meta-analysis |
| Zygun | 2009 | wrong outcome | Table 1, mortality reported but not by group |