|  |  |
| --- | --- |
| **Studies in the intensive care unit** |  |
| **Study** | **Study period** | **Study type** | **Tidal volume size** | **Tidal volume unit** | **Cohort size (n)** | **Age (years)** |  |
| Ahmed 20101 | n.a. | RCT | 10 | ml/kg ABW | 30 | 28 |  |
| Allerod 20082 | n.a. | Retrospective | 7.1 | ml/kg ABW | 20 | 65 |  |
| Alvisi 20033 | 2000-2001 | Prospective-observational | 7.7 | ml/kg ABW | 25 | 68 |  |
| Anzueto 20114 | 2004 | Prospective-observational | 9.2 | mL/kg PBW | 4968 | 59 |  |
| Armaganidis 20005 | n.a. | Prospective-observational | 619 | ml | 32 | 59 |  |
| Arnal 20136 | 2010-2011 | Prospective-observational | 8.5  | mL/kg PBW | 54 | 73 |  |
| Arnal 20087 | 2004 | Prospective-observational | 8.3 | mL/kg PBW | 115 | n.a. |  |
| Avidan 20078 | n.a. | Cross-over | 10 | ml/kg ABW | 17 | n.a. |  |
| Bagga 20149 | 2008-2009 | Retrospective | 8.9 | mL/kg PBW | 120 | 65.6 |  |
| 2009-2010 | 8.0 | mL/kg PBW | 120 | 64.3 |  |
| Bartlett 197510 | n.a. | Prospective-observational and retrospective | 12.5 | ml/kg ABW | 45 | n.a. |  |
| Biais 201211 | n.a. | Prospective-interventional | 8.5 | mL/kg PBW | 35 | 52 |  |
| Bikker 201112 | n.a. | Prospective-interventional | 491 | ml | 12 | 69.6 |  |
| Bolzan 201213 | n.a. | Prospective-interventional | 8 | ml/kg PBW | 488 | 63.6 |  |
| Bolzan 201214 | 2004-2009 | Prospective-interventional | 8 | mL/kg PBW | 267 | 65.5 |  |
| Burnet 199415 | n.a. | Prospective interventional | 750 | ml | 6 | 45.5 |  |
| Caramez 200516 | n.a. | Prospective interventional | 6 | ml/kg ABW | 8 | n.a. |  |
| Celebi 200717 | n.a. | RCT | 7 | ml/kg ABW | 60 | 54 |  |
| Chan 199218 | n.a. | RCT | 15 | ml/kg ABW | 30 | 61.7 |  |
| Chang 201319 | 2009 | Prospective-observational | 8.4 | mL/kg PBW | 829 | 57 |  |
| Charron 200620 | n.a. | Prospective-interventional | 8 | ml/kg ABW | 21 | n.a. |  |
| Chicayban 201121 | n.a. | Cross-over | 8 | ml/kg ABW | 20 | 48.4 |  |
| De Backer 200922 | n.a. | Prospective-interventional | 8.5 | ml/kg ABW | 17 | n.a. |  |
| Deane 200823 | 2006 | Retrospective-observational | 7.2 | mL/kg PBW | 34 | 60.6 |  |
| Determann 201024 | 2005-2007 | RCT | 10 | mL/kg PBW | 74 | 58 |  |
| Donati 198525 | n.a. | Prospective-observational | 12 | ml/kg ABW | 20 | 59 |  |
| Dyhr 200226 | n.a. | RCT | 6 | ml/kg ABW | 16 | 62.5 |  |
| Eagan 200927 | 2002-2004 | Retrospective | 667 | ml | 19 | 30 |  |
| Ely 199428 | 1993 | Prospective-observational | 11.2 | ml/kg ABW | 62 | 56 |  |
| Esteban 201329 | 1998 | Prospective-observational | 8.8 | ml/kg ABW | 5183 | 59 |  |
| 2004 | 9.3 | ml/kg PBW | 4968 | 59 |  |
| 2010 | 8.2 | ml/kg PBW | 8151 | 61 |  |
| Feissel 200730 | n.a. | Prospective-interventional | 9 | ml/kg ABW | 23 | 62 |  |
| Fernandez-Perez 200831 | 2002-2006 | Retrospective | 7.5 | ml/kg ABW | 94 | 72.6 |  |
| Fick 201032 | 2004-2006 | Retrospective | 7.8 | mL/kg PBW | 105 | 47 |  |
|  |  |  |  |  |  |  |  |
| Frankenfield 201033 | 2006-2007 | Prospective-observational | 638 | ml | 135 | 57 |  |
| 2008  | 671 | ml | 50 | 54 |  |
| Fuller 201334 | 2005-2010 | Retrospective | 8.8 | mL/kg PBW | 251 | 62.9 |  |
| Gajic 200535 | 1998 | Retrospective | 623 | ml | 3261 | 59.43 |  |
| Gajic 200436 | 2001 | Retrospective | 10.9 | mL/kg PBW | 332 | 64 |  |
| Gammon 199537 | 1994 | Prospective-observational | 11.5 | ml/kg ABW | 168 | 52 |  |
| Gammon 199238 | 1991 | Retrospective | 12.3 | ml/kg ABW | 110 | 59 |  |
| Gaudry 201439 | 2002-2009 | Retrospective | 5.9 | mL/kg PBW | 27 | 66.6 |  |
| Gonzalez-Lopez 201240 | n.a. | Prospective-interventional | 8.6 | ml/kg ABW | 6 | 46 |  |
| Good 197941 | n.a. | RCT | 11 | ml/kg ABW | 24 | 54 |  |
| Guglielminotti 200042 | n.a. | Prospective-observational | 7 | ml/kg PBW | 66 | 64 |  |
| Guimaraes 201443 | n.a. | Cross-over | 8 | ml/kg ABW | 20 | 65 |  |
| Heinze 201044 | n.a. | Retrospective | 7 | mL/kg PBW | 99 | 68 |  |
| Ishihara 201345 | n.a. | Prospective-interventional | 8.9 | mL/kg PBW | 43 | 65 |  |
| Jia 200846 | 2001-2005 | Retrospective | 10.1 | mL/kg PBW | 789 | 60 |  |
| Johnson 199847 | 1994 | Prospective-observational | 9.7 | ml/kg ABW  | 102 | 57.7 |  |
| Karason 200248 | 2001 | Prospective-observational | 7 | ml/kg ABW | 108 | 66 |  |
| Kiiski 199449 | n.a. | Retrospective | 10.7 | ml/kg ABW | 96 | 49.3 |  |
| Kim 201150 | 2010 | Prospective-observational | 7.5 | ml/kg ABW | 30 | 55 |  |
| Koh 200951 | 2003 | Prospective-observational | 8.0  | mL/kg PBW | 519 | 62.9 |  |
| Koutsoukou 200452 | n.a. | Prospective-interventional | 11.5 | mL/kg PBW | 15 | 39 |  |
| Koutsoukou 200653 | n.a. | RCT | 8.6  | ml/kg ABW | 21 | 41 |  |
| Lansdorp 201254 | n.a. | Prospective-observational | 7 | ml/kg ABW | 29 | 67 |  |
| Lee 199055 | 1987-1988 | RCT | 12 | ml/kg ABW | 56 | 58.6 |  |
| Lellouche 201356 | 2009 | RCT | 10.1 | mL/kg PBW | 30 | 65 |  |
| Lellouche 201257 | 2004-2006 | Prospective-observational data collection, retrospective analysis | 11.5 | mL/kg PBW | 3434 | 65.33 |  |
| Lemyze 201258 | 2007-2008 | Prospective-interventional | 7.9 | ml/kg ABW | 44 | 56 |  |
| Lemyze 201359 | n.a. | Prospective-observational | 7.9 | mL/kg PBW | 30 | 62.2 |  |
| Linko 200960 | 2007 | Prospective-observational | 8.7 | mL/kg PBW | 676 | n.a. |  |
| Lovat 200861 | 2007 | Cross-over | 9.8 | ml/kg ABW | 8 | 69 |  |
| Lu 199962 | 1999 | Prospective-interventional | 10 | ml/kg ABW | 14 | 61 |  |
| Luhr 199963 | 1997 | Prospective-observational | 8.1 | ml/kg ABW | 1231 | 62.3 |  |
| Malbouisson 200864 | 2008 | Prospective-interventional | 8 | ml/kg ABW | 10 | 73 |  |
| Marraro 201065 | 2009 | RCT | 7.4 | ml/kg ABW | 44 | 35 |  |
| Mascia 200766 | 2002-2003 | Prospective-observational | 9.5 | mL/kg PBW | 64 | 49 |  |
| Metnitz 200967 | 2002 | Prospective-observational | 8 | ml/kg ABW | 6507 | 64 |  |
| Mikkelsen 200868 | 2000 | Retrospective | 8.4 | mL/kg PBW | 75 | 50 |  |
| Reis Miranda 200669 | 2006 | Cross-over | 8.4 | mL/kg PBW | 28 | 64 |  |
| Muller 201070 | 2008 | Prospective-interventional | 5.9 | mL/kg PBW | 57 | 70.28 |  |
| O'Brien 201271 | 2006-2008 | Prospective-observational | 8.6 | mL/kg PBW | 580 | 57.19 |  |
| Paulus 201172 | 2009-2010 | RCT | 7.6 | mL/kg PBW | 93 | 62.65 |  |
| Pinheiro de Oliveira 201073 | 2009 | RCT | 11.9 | ml/kg ABW | 10 | 52 |  |
| Camargo Pires-Neto 201374 | 2010-2011 | Prospective-interventional | 350 | ml | 19 | 55 |  |
| Plurad 200775 | 2000-2005 | Retrospective | 8.8 | ml/kg ABW | 2346 | 37.3 |  |
| Prinianakis 200576 | 2004 | Cross-over | 10 | ml/kg ABW | 15 | 65 |  |
| Ranieri 199677 | 1995 | Prospective-observational | 12.5 | ml/kg ABW | 7 | 66 |  |
| Reuter 200378 | 2003 | Cross-over | 10 | ml/kg ABW | 13 | n.a. |  |
| Samantaray 201179 | 2011 | RCT | 10 | ml/kg ABW | 34 | 59.05 |  |
| Serita 200980 | 2009 | RCT | 630 | ml | 28 | 65.85 |  |
| Servillo 199781 | 1996 | Prospective-observational | 9 | ml/kg ABW | 9 | 53 |  |
| Smith 200082 | n.a. | Cross-over | 479 | ml | 15 | 64 |  |
| Shorofsky 201483 | 2010-2012 | Retrospective | 9.3 | mL/kg PBW | 51 | 69.1 |  |
| Sottiaux 199384 | 1993 | RCT | 10 | ml/kg ABW | 29 | 63.6 |  |
| Torquato 200985 | 2008 | Prospective-interventional | 10 | mL/kg PBW | 30 | 47.3 |  |
| Trichet 197586 | n.a. | Prospective-interventional | 15 | ml/kg ABW | 10 | 57.8 |  |
| Tsangaris 200387 | 2002 | Prospective-interventional | 9 | ml/kg ABW | 22 | 49.1 |  |
| Uttmann 200388 | 2003 | Prospective-interventional | 623 | ml | 12 | 47.25 |  |
| Valta 199289 | 1992 | Prospective-interventional | 12 | ml/kg ABW | 10 | 57 |  |
| Vigil 199690 | n.a. | RCT | 12 | ml/kg ABW | 39 | 33 |  |
| Wiegand 200091 | 2000 | Prospective-observational | 10 | ml/kg ABW | 12 | 67.9 |  |
| Wolff 198692 | n.a. | Prospective-observational | 1097 | ml | 8 | 57.6 |  |
| Wolthuis 200793 | 2003 | Retrospective | 10.2 | mL/kg PBW | 13 | n.a. |  |
| 2004 | 8.6 | mL/kg PBW | 23 | n.a. |  |
| Wongsurakiat 200494 | 1990 | Retrospective | 11.7 | ml/kg ABW | 10 | 57.1 |  |
| 1991 | 12.4 | ml/kg ABW | 17 | 56.2 |  |
| 1992 | 11.3 | ml/kg ABW | 21 | 57.3 |  |
| 1995 | 9.6 | ml/kg ABW | 20 | 64 |  |
| 1998 | 9.7 | ml/kg ABW | 23  | 61.3 |  |
| 1999 | 9.2 | ml/kg ABW | 23 | 51.5 |  |
| 2000 | 9.8 | ml/kg ABW | 25 | 56.2 |  |
| Yilmaz 200795 | 2005-2006 | Prospective-interventional and retrospective | 7.7 | mL/kg PBW | 163 | 64 |  |
| 2001, 2003 | 10.6 | mL/kg PBW | 212 | 66 |  |
| Young 201396 | 2011-2012 | Retrospective | 7 | ml/kg PBW | 34 | 60.6 |  |
| **Studies in the operating room** |  |
| **Study** | **Study period** | **Study type** | **Tidal volume size** | **Tidal volume unit** | **Cohort** **size** **(n)** | **Age (mean)** | **Duration of ventilation (min)** |
| Adams 197997 | n.a. | Prospective-observational | 939 | ml | 12 | 68 | 30-40 |
| Amygdalou 200498 | 2003-2004 | Prospective-observational | 6.5 | ml/kg ABW | 32 | n.a. | n.a. |
| Badal 201199 | n.a. | Prospective-interventional | 9 | ml/kg ABW | 10 | 53 | 50 ± 21 |
| Baraka 1994100 | n.a. | Prospective-observational | 12.5 | ml/kg ABW | 13 | n.a. | 60-90 |
| Barnas 1994101 | n.a. | Prospective-interventional | 10 | ml/kg ABW | 11 | 59 | n.a. |
| Bensenor 2003102 | n.a. | Prospective-interventional | 8 | ml/kg ABW | 10 | 46.2 | n.a. |
| Bensenor 2007103 | n.a. | RCT | 595 | ml | 19 | 45 | n.a. |
| Bergman 1983104 | n.a. | Prospective-interventional | 11 | ml/kg ABW | 36 | n.a. | n.a. |
| Bilgi 2011105 | n.a. | RCT | 8 | ml/kg ABW | 50 | 29.9 | 146 ± 22 |
| Blattner 2008106 | 2006-2007 | RCT | 8 | ml/kg ABW | 55 | 56 | 333 ± 85 |
| Böhm 2009107 | n.a. | Prospective-interventional | 10 | ml/kg ABW | 11 | 38 | n.a. |
| Boker 2004108 | n.a. | RCT | 10 | mL/kg PBW | 41 | 69.5 | up to 360  |
| Bratzke 1998109 | n.a. | Cross-over | 624 | ml | 20 | 62 | n.a. |
| Bures 1996110 | n.a. | Prospective-observational | 8 | ml/kg ABW | 15 | 48.5 | 104 ± 26 |
| Cadi 2008111 | 2005 | RCT | 593 | ml | 36 | 40 | 78 (44-193) |
| Cai 2007112 | n.a. | RCT | 10 | ml/kg ABW | 8 | 37 | 429 ± 159 |
| Chalhoub 2007113 | 2005 | RCT | 10 | ml/kg ABW | 52 | 36 | 20 - 40 |
| Chalon 1984114 | n.a. | Prospective-interventional | 8.6 | ml/kg ABW | 20 | 48 | 156 ±24 |
| Chaney 2000115 | 1999 | RCT | 12 | ml/kg ABW | 13 | 68 | 402 ± 264 |
| Choi 2011116  | n.a. | RCT | 8 | ml/kg ABW | 34 | 62.9 | n.a. |
| Cinnella 2013117 | 2011 | Prospective-interventional | 9.0 | ml/kg ABW | 29 | 39 | 90 ± 15 |
| Claxton 2003118 | 2000-2001 | RCT | 8 | ml/kg ABW | 78 | 62.6 | n.a. |
| Coriat 1994119 | n.a. | Prospective-interventional | 12.5  | ml/kg ABW | 21 | 63 | n.a. |
| Criswell 1990120 | n.a. | Cross-over | 10 | ml/kg ABW | 74 | n.a. | n.a |
| De Baerdemaeker 2008121 | n.a. | RCT | 10 | mL/kg PBW | 24 | 37 | n.a. |
| De Blasi 2007122 | n.a. | Prospective-interventional | 8 | ml/kg ABW | 25 | 62.3 | n.a. |
| Defresne 2014123 | 2011-2012 | RCT | 6 | mL/kg PBW | 50 | 38.5 | 130 (75-189) |
| Determann 2008124 | n.a. | RCT | 12 | mL/kg PBW | 19 | 61 | n.a. |
| Dumont 1997125 | n.a. | Prospective-observational | 629 | ml | 15 | 29 | 98 ± 32 |
| El-Tahan 2012126 | n.a. | RCT | 8 | mL/kg PBW | 100 | 36.5 | 108 |
| Enekvist 2010127 | 2008-2009 | RCT | 352 | ml | 10 | 70  | n.a. |
| Enekvist 2011128 | 2009-2010 | RCT | 412 | ml | 10 | 64 | n.a. |
| Erlandsson 2006129 | n.a. | Prospective-interventional | 8 | ml/kg ABW | 15 | 39 | 143 (78-256) |
| Fahy 1997130 | n.a. | Prospective-interventional | 525 | ml | 10 | 50 | n.a. |
| Fernandez-Bustamante 2011131 | 2007-2010 | Retrospective | 8.7 | ml/kg ABW | 429  | 58.1 | 348 ± 95 |
| Fernandez-Perez 2009132 | 2005-2006 | Andere | 8.8 | mL/kg PBW | 249 | n.a. | 366 |
| Futier 2013133 | 2011-2012 | RCT | 11 | mL/kg PBW | 200 | 63.4 | n.a. |
| Hans 2008134 | n.a. | Cross-over | 10 | mL/kg PBW | 40 | 41.2 | n.a. |
| Hess 2013135 | 2006 | Prospective-observational | 9 | mL/kg PBW | 3782 | n.a. |  |
| 2007 | 8.9 | mL/kg PBW | 8025 | n.a. | n.a. |
| 2008 | 8.6 | mL/kg PBW | 10456 | n.a. |  |
| 2009 | 8.5 | mL/kg PBW | 11239 | n.a. |  |
| 2010 | 8.5 | mL/kg PBW | 12073 | n.a. |  |
| Hughes 2010136 | 2010 | Retrospective | 9.2 | mL/kg PBW | 89 | 47.09 | 195 |
| Jaber 2012137 | 2006 | Prospective-observational | 533 | ml | 2161 | 53 | n.a. |
| Jo 2012138 | n.a. | RCT | 10 | ml/kg PBW | 40 | 47 | n.a. |
| Kadoi 1999139 | n.a. | Prospective-interventional | 10 | ml/kg ABW | 13 | 54.5 | 110 |
| Kanaya 2013140 | 2010-2011 | RCT | 7 | mL/kg PBW | 20 | 59.5 | n.a. |
| Kapoor 2008141 | 2006 |  RCT | 9 | ml/kg ABW | 27 | 60.23 | 1043 |
| Kim 2010142 | 2008 | RCT | 569 | ml | 29 | 38.5 | 75 |
| Kim 2013143 | 2011-2012 | RCT | 315 | ml | 88 | 40 | 156 |
| Koner 2004144 | 2001-2002 | RCT | 10 | ml/kg ABW | 29 | 55 | n.a. |
| Lai 2004145 | n.a. | Prospective-interventional | 12 | ml/kg ABW | 10 | 48 | n.a. |
| Leino 2001146 | n.a. | Prospective-interventional | 9 | ml/kg ABW | 8 | n.a. | n.a. |
| Lestar 2011147 | n.a. | Prospective-observational | 615 | ml | 16 | 59 | n.a. |
| Levin 2014148 | 2008-2011 | Retrospective | 8.6 | mL/kg PBW | 29343 | 54.9 | 182 [129-264] |
| Luostarinen 2010149 | 2010 | Prospective-observational | 7.2 | ml/kg ABW | 72 | 54.7 | n.a. |
| Maltby 2003150 | 2003 | RCT | 10 | ml/kg ABW | 105 | 37 | 36 (10-174) |
| Maracajá –Neto 2009151 | 2009 | Prospective-interventional | 8 | ml/kg ABW | 21 | 53.14 | n.a. |
| Memtsoudis 2012152 | 2009-2010 | RCT | 12 | ml/kg ABW | 13 | 50 | 277 ±47 |
| Nadu 2005153 | 2003 | Prospective-observational | 556 | ml | 39 | 56.5 | n.a. |
| Nguyen 2004154 | n.a. | RCT | 11 | mL/kg PBW | 58 | 44.1 | n.a. |
| Pang 2003155 | 2003 | RCT | 10 | ml/kg ABW | 24 | 50.65 | 65 |
| Park 2009156 | 2009 | RCT | 565 | ml | 50 | 46 | n.a. |
| Patel 1987157 | 1985 | Prospective-interventional | 8 | ml/kg ABW | 9 | 37.6 | n.a. |
| Pelosi 1998158 | 1998 | Prospective-observational | 667 | ml | 24 | 52 | n.a. |
| PROVHILO group 2014159 | 2011-2013 | RCT | 7.1 | mL/kg PBW | 894 | 66 | 195 |
| Purdell-Lewis 1980160 | 1980 | RCT | 10 | ml/kg ABW | 99 | 46.3 | 110 |
| Puri 1999161 | 1999 | Prospective-observational | 374 | ml | 253 | 38.6 | n.a. |
| Rauh 2001162 | 2001 | Prospective-interventional | 12 | ml/kg ABW | 10 | 30 | n.a. |
| Reissmann 2000163 | 2000 | Prospective-interventional | 10 | ml/kg ABW | 12 | 54 | n.a. |
| Rex 2004164 | 2004 | Prospective-interventional | 7.5 | ml/kg ABW | 14 | 63 | n.a. |
| Rex 2007165 | 2007 | Prospective-observational | 8 | ml/kg ABW | 45 | 63 | n.a. |
| Rose 1980166 | 1980 | Prospective-observational | 13 | ml/kg ABW | 13 | 69 | n.a. |
| Rothen 1993167 | n.a. | Prospective-interventional | 9 | ml/kg ABW | 16 | 45 | n.a. |
| Ruiz Neto 1992168 | n.a. | RCT | 12 | ml/kg ABW | 20 | 49 | n.a. |
| Ruiz 2003169 | 2003 | Prospective-interventional | 10 | ml/kg ABW | 12 | n.a. | n.a. |
| Russell 1995170 | n.a. | Prospective-observational | 12 | ml/kg ABW | 35 | 44.5 | n.a. |
| Satoh 2012171 | 2012 | Prospective-interventional | 7 | ml/kg PBW | 9 | 69 | n.a. |
| Severgnini 2013172 | 2006-2008 | RCT | 9.5 | mL/kg PBW | 27 | 67 | 223 ± 80 |
| Shelley 2006173 | 2006 | Prospective-observational | 10 | ml/kg ABW | 18 | 47 | 178 ± 68 |
| Shin 2010174 | 2009-2010 | RCT | 10 | ml/kg ABW | 29 | 30.9 | 63.1 ±15.9 |
| Sivaci 2005175 | 2005 | RCT | 8 | ml/kg ABW | 26 | 38.5 | n.a. |
| Söderström 2002176 | 2002 | Prospective-interventional | 7 | ml/kg ABW | 15 | 67 | n.a. |
| Soro 2007177 | 2007 | Prospective-observational | 8.8 | ml/kg ABW | 14 | 45 | n.a. |
| Tachibana 1994178 | 1994 | RCT | 10 | ml/kg ABW | 15 | 62.1 | n.a. |
| Tobias 2001179 | 2001 | RCT | 790 | ml | 20 | 47.2 | n.a. |
| Tusman 1999180 | 1996-1997 | RCT | 8 | ml/kg ABW | 30 | 70.6 | n.a. |
| Tusman 2004181 | n.a. | Prospective-interventional | 8 | ml/kg ABW | 16 | 71 | n.a. |
| Tweed 1991182 | 1999 | Cross-over | 7.5 | ml/kg ABW | 24 | 45.25 | n.a. |
| Unoki 2004183 | 2004 | Prospective-observational | 9 | ml/kg ABW | 34 | 60 | n.a. |
| Valenza 2007184 | 2007 | Cross-over | 10.5 | mL/kg PBW | 20 | 37 | n.a. |
| Vistisen 2009185 | 2006-2007 | Prospective-interventional | 6.9 | ml/kg ABW | 23 | 72 | n.a. |
| Weingarten 2010186 | 2009 | RCT | 10 | mL/kg PBW | 20 | 72.1 | 344 ± 103 |
| Winterhalter 2005187 | 2005 | Prospective-interventional | 673 | ml | 23 | 58.3  | n.a. |
| Wrigge 2000188 | 2000 | RCT | 1024 | ml | 13 | 46 | n.a. |
| Yamauchi 2011189 | n.a. | Prospective-interventional | 453 | ml | 20 | 60.5 | n.a. |
| Yoshino 2003190 | 1998-2001 | RCT | 9.7 | ml/kg ABW | 35 | 57.4 | n.a. |
| Zhao 2009191 | 2009 | Prospective-observational | 10 | ml/kg ABW | 10 | 30 | n.a. |
| Zupancich 2005192 | 2004 | RCT | 10.9 | ml/kg ABW | 20 | 68.7 | n.a. |

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