**Supplementary Table 2 Studies excluded from review after full text search with reasons**

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| **Studies** | **Reason for exclusion** |
| Adesiyun (2011) | No appropriate comparison and outcome is not allocated to donor or autologous. |
| Allen et al. (2006) | Review. |
| American Fertility Society and SART (1994) | No donor sperm outcomes. |
| Andersen et al. (2008) | No appropriate comparison and no perinatal health studies. |
| Barratt and Cooke (1989) | Letter to the editor and no data presented. |
| Batzer and Corson (1987) | Review. |
| Bensdorp et al. (2007) | Review. |
| Botchan et al. (2001) | No appropriate comparison data. |
| British Fertility Society (2011) | Conference programme. |
| Brzyski (2001) | Review. |
| Bustillo and Yee (1999) | Duplicate reference appearing in another format. |
| Centola et al. (2000) | No appropriate comparisons and no perinatal health studies. |
| Chong and Taymor (1975) | No appropriate comparison data. |
| Clarke et al. (1997) | No appropriate comparison data. |
| Clayton and Kovacs (1982) | Comparison data were outdated by 20 years and study involved selection of families to include (possible bias). |
| de Mouzon et al. (2010) | No appropriate comparisons and no perinatal health studies. |
| Doyle (1999) | No appropriate comparisons and no perinatal health studies. |
| Dyer and Kruger (2012) | No appropriate comparisons and no perinatal health studies. |
| ESHRE Capri Workshop Group (2007) | No donor sperm. |
| Esteves (2002) | Editorial comment, no data. |
| European IVF-Monitoring Programme for ESHRE et al. (2006) | No perinatal health studies. |
| Formigli et al. (1990) | No appropriate comparisons and no perinatal health studies. |
| Glezerman (1981) | No appropriate comparisons and no perinatal health studies. |
| Goss (1975) | No appropriate comparison data. |
| Guerif et al. (2002) | No appropriate comparisons and no perinatal health studies. |
| Guerif et al. (2004) | No appropriate comparisons and no perinatal health studies. |
| Gunby et al. (2005) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2006) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2007) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2008) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2009) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2010) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Gunby et al. (2011) | Donor sperm outcomes pooled in ICSI data with heterologous sperm. |
| Hayashi et al. (2012) | Use of donor sperm is unclear. |
| Hedges and Saunders (1993) | No donor sperm. |
| Horne et al. (1998) | No appropriate comparisons and no perinatal health studies. |
| Katzorke et al. (1981) | Inappropriate comparisons. |
| Kovacs (1996) | Review. |
| Kovacs et al. (1990) | No perinatal health studies. |
| Lambert (2003) | Review. |
| Lansac and Le Lannou (1994) | No comparison data provided |
| Lansac and Royere (2001) | Review. |
| Ledward et al. (1985) | No appropriate comparisons and no perinatal health studies. |
| Liu et al. (2011) | Don't provide source of their comparison data. |
| Mochimaru et al. (1980) | Don't provide source of their comparison data. |
| Newill (1976) | Inappropriate comparisons. |
| Nyboe Andersen et al. (2009) | No perinatal health studies. |
| Ping et al. (2011) | No perinatal health studies. |
| Prescrire (2011) | All ART outcomes pooled. |
| Robinson et al. (1989) | Letter to the editor and no data presented. |
| Sandhu et al. (2011) | No perinatal health studies. |
| Society for Assisted Reproductive Technology and AFS (1993) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (1995) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (1996) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (1998) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (1999) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (2000) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (2002a) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (2002b) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (2004) | No donor sperm outcomes. |
| Society for Assisted Reproductive Technology and ASRM (2007) | No donor sperm outcomes. |
| Steinberger and Smith (1973) | No perinatal health studies. |
| Sunderam et al. (2012) | No donor sperm outcomes. |
| Thepot et al. (1996) | Data is reported in publication by Lansac et al. (1997) as part of a larger cohort. |
| Virro and Shewchuk (1984) | Inappropriate comparisons. |
| Wang et al. (2002) | Donor and heterologous sperm outcomes pooled. |
| Wright et al. (2003) | No donor sperm outcomes. |
| Wright et al. (2004) | No donor sperm outcomes. |
| Wright et al. (2005) | No donor sperm outcomes. |
| Wright et al. (2006) | No donor sperm outcomes. |
| Wright et al. (2007) | No donor sperm outcomes. |
| Wright et al. (2008) | No donor sperm outcomes. |

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