

Included articles

Home-delivery primiparas, HTA-report 2013:6

HD: Planned home delivery **OD: Planned obstetric unit delivery** **NP: Nulliparous**

Author, year	Study design, number of patients, withdrawals/drop-outs	Results Intervention and control group	Comments	Quality of study
<p>Perinatal and maternal outcomes by planned place of birth for healthy women with low risk pregnancies: the Birthplace in England national prospective cohort study. BMJ. 2011;343:d7400.</p>	<p>National prospective cohort study 2008-2010</p> <p>79 774 eligible women 64 538 healthy women with low risk pregnancies</p> <p>16 840 HD from 142/ 147 of trusts providing home birth service of which 4568 (27.2%) were NP</p> <p>19 706 OD (sample of 36 units) of which 10626 (54.0%) were NP</p> <p>Remaining deliveries from other settings</p> <p>Prim Outcome: Composite of perinatal mort and neonatal morb</p> <p>96% had complete data relating to primary outcome</p> <p>Sec.outcome: Maternal mortality and morbidity</p> <p>Transfer rate</p> <p>Logistic regression analyses</p> <p>Prespecified sensitivity analyses</p>	<p>Primary outcome for babies</p> <p>Incidence in low risk women w/o complications at start of labour per 1000 (95% CI): HD 9.5 (6.6, 13.7) OD 3.5 (2.4, 5.1) OR (adj) 2.80 (1.59, 4.92)</p> <p>Secondary outcomes for low risk women: OR(adj) (99% CI)</p> <p>3rd-4th degree perineal trauma 0.86 (0.61, 1.21)</p> <p>Blood transfusion: 0.93 (0.54, 1.58)</p> <p>HD Ambulance transport during or soon after delivery 45%</p>	<p>England</p>	<p>High</p>



Excluded articles

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Reference	Study design	Reason for exclusion
Dixon L, Tracy SK, Guilliland K, Fletcher L, Hendry C, Pairman S. Outcomes of physiological and active third stage labour care amongst women in New Zealand. Midwifery. (2011), doi 10.1016/j.midw.2011.11.003.	Only third stage of labour	Not within PICO
Davis D, Baddock S, Pairman S, Hunter M, Benn C, Wilson D, et al. Planned place of birth in New Zealand: does it affect mode of birth and intervention rates among low-risk women? Birth. 2011 Jun;38(2):111-9.	Primiparity not analyzed	Not within PICO
Symon A, Winter C, Inkster M, Donnan PT. Outcomes for births booked under an independent midwife and births in NHS maternity units: matched comparison study. BMJ. 2009;338:b2060 doi: 10.1136.bmj.b2060	Primiparity not analyzed	Not within PICO
Janssen PA, Saxell L, Page LA, Klein MC, Liston RM, Lee SK. Outcomes of planned home birth with registered midwife versus planned hospital birth with midwife or physician. CMAJ. 2009 Sep 15;181(6-7):377-83.	Not stratified by parity	Not within PICO
de Jonge A, van der Goes BY, Ravelli AC, Amelink-Verburg MP, Mol BW, Nijhuis JG, et al. Perinatal mortality and morbidity in a nationwide cohort of 529,688 low-risk planned home and hospital births. BJOG. 2009 Aug;116(9):1177-84.	Retrospective kohort study of 321 307 HD and 163 261 OD. Results not stratified by parity	Not within PICO
Lindgren HE, Radestad IJ, Christensson K, Hildingsson IM. Outcome of planned home births compared to hospital births in Sweden between 1992 and 2004. A population-based register study. Acta Obstet Gynecol Scand. 2008;87(7):751-9.	Results not stratified by parity	Not within PICO
Johnson KC, Daviss BA. Outcomes of planned home births with certified professional midwives: large prospective study in North America. BMJ. 2005 Jun 18;330(7505):1416.	Results not stratified for primiparity	Not within PICO
Janssen PA, Lee SK, Ryan EM, Etches DJ, Farquharson DF, Peacock D, et al. Outcomes of planned home births versus planned hospital births after regulation of midwifery in British Columbia. CMAJ. 2002 Feb 5;166(3):315-23.	Prospective cohort study Results not stratified by parity	Not within PICO
Hannah ME, Hodnett ED, Willan A, Foster GA, Di Cecco R, Helewa M. Prelabor rupture of the membranes at term: expectant management at home or in hospital? The TermPROM Study Group. Obstet Gynecol. 2000 Oct;96(4):533-8.	Premature rupture of membranes studied	Not within PICO
Aikins Murphy P, Feinland JB. Perineal outcomes in a home birth setting. Birth. 1998 Dec;25(4):226-34.	No comparison – only home deliveries	Not within PICO
Ackermann-Lieblich U, Voegeli T, Gunter-Witt K, Kunz I, Zullig M, Schindler C, et al. Home versus hospital deliveries: follow up study of matched pairs for procedures and outcome. Zurich Study Team. BMJ. 1996 Nov 23;313(7068):1313-8.	Not stratified by parity	Not within PICO
Berghs G, Spanjaards E, Driessen L, Doesburg W, Eskes T. Neonatal neurological outcome after low-risk pregnancies. European Journal of Obstetrics Gynecology and Reproductive Biology. 1995 Oct;62(2):167-71.	Home deliveries by GP or midwife	Not within PICO
Woodcock HC, Read AW, Bower C, Stanley FJ, Moore DJ. A matched cohort study of planned home and hospital births in Western Australia 1981-1987. Midwifery. 1994 Sep;10(3):125-35.	Not stratified by parity	Not within PICO
Durand AM. The safety of home birth: the farm study. Am J Public Health. 1992 Mar;82(3):450-3	Not stratified by parity	Not within PICO

Reference	Study design	Reason för exclusion
Lindgren HE, Hildingsson IM, Christensson K, Radestad IJ. Transfers in planned home births related to midwife availability and continuity: a nationwide population-based study. <i>Birth</i> . 2008 Mar;35(1):9-15.	Nationwide population based retrospective study for transfers in HD 1992-2005 via questionnaires (datacollection 2004-05)	Low quality
Pang JW, Heffelfinger JD, Huang GJ, Benedetti TJ, Weiss NS. Outcomes of planned home births in Washington State: 1989-1996. <i>Obstet Gynecol</i> . 2002 Aug;100(2):253-9.	Population based, retrospective cohort study of Birth registry 1989-1996 >37week,>2500g, no pregnancy complications HD 6052 NP 23.8% OD10347 NP 42.7% Unplanned home births might be included. Content of prenatal care unknown Team with physicians? Planned HD transferred to OD were included among H	Low quality
Aikins Murphy P, Fullerton J. Outcomes of intended home births in nurse-midwifery practice: a prospective descriptive study. <i>Obstet Gynecol</i> . 1998 Sep;92(3):461-70.	Prospective descriptive multisite study One year 1994-95 Uniform data collection forms Control for data reliability and accuracy HD 1221 NP 260 (22.2%)	Low quality
Wiegers TA, Keirse MJ, van der Zee J, Berghs GA. Outcome of planned home and planned hospital births in low risk pregnancies: prospective study in midwifery practices in The Netherlands. <i>BMJ</i> . 1996 Nov 23;313(7068):1309-13.	Prospective study Two periods between 1990 and 1993 Questionnaire to midwives 471 NP HD and 369 NP OD	Low quality
Hutton EK, Reitsma AH, Kaufman K. Outcomes associated with planned home and planned hospital births in low-risk women attended by midwives in Ontario, Canada, 2003-2006: a retrospective cohort study. <i>Birth</i> . 2009 Sep;36(3):180-9	Cohort retrospective data-base study 2003-2006 All women with HD (6.692) Control group OD, low risk matched for parity and previous CSPrim. Outcome: Wide composite perinatal neonatal morb/mort Sec Outcome: maternal mort., sign mat. morb., intrapart.interventions	Home-deliveries not midwifery lead

