

**Supplement 4: Total studies excluded following searches and during full text review; systematic review and meta-analysis of interventions and outcomes with water birth.**

Bodner, K., Bodner-Adler, B., Wierrani, F., Mayerhofer, K., Fousek, C., Niedermayr, A., & Grünberger, W. (2002). Effects of water birth on maternal and neonatal outcomes. *Wiener Klinische Wochenschrift*, 114(10), 391–395. [UNABLE TO OBTAIN TEXT]

Burns EE, Boulton MG, Cluett E, Cornelius V, Smith LA (2012) Characteristics, Interventions, and Outcomes of Women Who Used a Birthing Pool: A Prospective Observational Study *Birth*, 39, (3), 192–202 <https://doi.org/10.1111/j.1523-536X.2012.00548.x> [WRONG STUDY DESIGN]

Burns, E., Price, L., Carpenter, J., & Smith, L. (2020). Predictors of obstetric anal sphincter injury during waterbirth: a secondary analysis of a prospective observational study. *International urogynecology journal*, 31(3), 651–656. <https://doi.org/10.1007/s00192-019-04167-6> [WRONG STUDY DESIGN]

Camargo, J., Varela, V., Ferreira, F. M., Pougy, L., Ochiai, A. M., Santos, M. E., & Grande, M. (2018). The Waterbirth Project: São Bernardo Hospital experience. *Women and birth : journal of the Australian College of Midwives*, 31(5), e325–e333. <https://doi.org/10.1016/j.wombi.2017.12.008> [WRONG STUDY DESIGN]

Carlson N.S., Corwin E.J., & Lowe N.K. (2017). Labor Intervention and Outcomes in Women Who Are Nulliparous and Obese: Comparison of Nurse-Midwife to Obstetrician Intrapartum Care. *J. Midwifery Women's Health*, 62(1), 29–39. [WRONG STUDY OUTCOMES]

Carpenter, L., & Weston, P. (2012). Neonatal respiratory consequences from water birth. *Journal of paediatrics and child health*, 48(5), 419–423. <https://doi.org/10.1111/j.1440-1754.2011.02241.x> [WRONG STUDY DESIGN]

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Combellick, J. L., Shin, H., Shin, D., Cai, Y., Hagan, H., Lacher, C., Lin, D. L., McCauley, K., Lynch, S. V., & Dominguez-Bello, M. G. (2018). Differences in the fecal microbiota of neonates born at home or in the hospital. *Scientific Reports*, 8(1), 15660–15660. [WRONG OUTCOME]

Cortes, E., Basra, R., & Kelleher, C. J. (2011). Waterbirth and pelvic floor injury: a retrospective study and postal survey using ICIQ modular long form questionnaires. *European journal of obstetrics, gynecology, and reproductive biology*, 155(1), 27–30. <https://doi.org/10.1016/j.ejogrb.2010.11.012> [WRONG STUDY DESIGN]

Czech, I., Fuchs, P., Fuchs, A., Lorek, M., Tobolska-Lorek, D., Drosdzol-Cop, A., & Sikora, J. (2018). Pharmacological and Non-Pharmacological Methods of Labour Pain Relief-Establishment of Effectiveness and Comparison. *International journal of environmental research and public health*, 15(12), 2792. <https://doi.org/10.3390/ijerph15122792> [WRONG STUDY DESIGN]

Dahlen, H. G., Dowling, H., Tracy, M., Schmied, V., & Tracy, S. (2013). Maternal and perinatal outcomes amongst low risk women giving birth in water compared to six birth positions on land. A descriptive cross sectional study in a birth centre over 12 years. *Midwifery*, 29(7), 759–764. <https://doi.org/10.1016/j.midw.2012.07.002> [WRONG COMPARISON - waterbirth not a birth position]

Damodaran S., Khatri P., Mahmood T.A., & Monaghan S.C. (2010). Waterbirths in Fife: A 6-year observational study. *J. Obstet. Gynaecol.*, 30(7), 759. [CONFERENCE ABSTRACT]

de Freitas Brilhante, A., a, Moreira Vasconcelos, C. T., de Castro Damasceno, A. K., Martins Pereira, A. M., da Silva Coelho, T., & Mendes de Freitas, C. (2017). OBSTETRICAL NURSES EVALUATION OF WATER BIRTHS. *Journal of Nursing UFPE / Revista de Enfermagem UFPE*, 11(11), 4418–4423. [WRONG STUDY DESIGN]

Demirel, G., Moraloglu, O., Celik, I. H., Erdeve, O., Mollamahmutoglu, L., Oguz, S. S., Uras, N., & Dilmen, U. (2013). The effects of water birth on neonatal outcomes: a five-year result of a referral tertiary centre. *European review for medical and pharmacological sciences*, 17(10), 1395–1398. [WRONG STUDY DESIGN]

Eberhard, J., & Geissbühler, V. (2000). Influence of alternative birth methods on traditional birth management. *Fetal Diagnosis And Therapy*, 15(5), 283–290. [WRONG STUDY DESIGN]

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- Geissbühler, Verena, & Eberhard, J. (2003). Experience with water births: A prospective longitudinal study of 9 years with almost 4,000 water births]. *Gynakologisch-Geburtshilfliche Rundschau*, 43(1), 12–18. [REPRINTED PUBLICATION]
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