

Infection Control for Use of Birth Pool in a Box Professional

Introduction

Birth Pool in a Box has been used at over 30,000 births with no reported incident of infection. We are always improving our protocols and training to ensure that we keep this record intact. This document contains our current recommendations and should be tailored for the specific use case.

Equipment

Some or all of the following equipment that we provide will be used when a woman uses a Birth Pool in a Box for labour or birth in a Unit:

Professional Pool	40 uses	Water strainer	Single use
Liner for Pool	Single use	Heat Cover	Single use
Flexible Hose 1/2"	Single use for one fill and empty cycle	Water Pump	50+ uses
Hose-tap Connector	40 uses	Air Pump	50+ uses
Waterbirth Thermometer	Single use supplied by us or alternative multi-use		

Risk Analysis

In this table 1 = lowest, 5 = highest.

Risk	People Impacted	Probability of Occurrence (1-5)	Impact (1-5)	Score (1-25)	Actions to Prevent	Actions to Mitigate
Cross infection via pool	Woman, Baby, Partner, Midwife, HCA, MSW	1	4	4	Always use new liner, Trust infection control audit, absence of lesions on staff or use of gauntlets. Replacement of pool if liner has leaked.	Clinical protocols.
Cross infection via water pump	Midwife, HCA, MSW	2	4	8	Trust infection control audit, use of gloves or gauntlets when handling pump, storage of pump in container in secure storage cupboard.	
Cross infection via hose	Woman, Baby, Partner, Midwife, HCA, MSW	1	4	4	Trust infection control audit, use of gloves when handling pump, Single use emptying hose.	Clinical protocols.
Infection via water sitting in tap connector between uses	Woman, Baby, Partner, Midwife, HCA, MSW	1	4	4	Trust infection control audit, replace each 40 uses when pool is replaced. Use alternative screw-threaded metal hoesetap connector and treat as part of plumbing (see over page).	Clinical protocols.

Author: Adam Maclean.

Audience: Labour Ward Manager, Delivery Suite Manager, Infection Control Nurse or Midwife.



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Risk Analysis Continued

In this table 1 = lowest, 5 = highest.

Risk	People Impacted	Probability of Occurrence (1-5)	Impact (1-5)	Score (1-25)	Actions to Prevent	Actions to Mitigate
Infection via standing water in plumbing used for filling	Woman, Baby, Partner, Midwife, HCA, MSW	1	3	3	2 minutes flushing into waste once per day. Can use control system with automated daily flushing cycle.	Clinical protocols.
Infection via heat cover	Woman, Baby, Partner, Midwife, HCA, MSW	1	3	3	Single use.	Clinical protocols.
Cross Infection via dirty water via water spillage	Woman, Baby, Partner, Midwife, HCA, MSW, other supporters	1	4	4	Trust infection control audit.	Clinical protocols.

Related Documents

BPIAB_Hospital_Decontamination_Instruction_DisposableEmptyHose

BPIAB_Hospital_Decontamination_Instruction_ReusableEmptyHose

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