

Standard:	Essential Equipment, Supplies and Medications Required for Out of Hospital Births
Approved By:	Council
Date Approved:	March 2015
Date to be Reviewed:	
Effective Date:	September 2016



ESSENTIAL EQUIPMENT, SUPPLIES AND MEDICATIONS REQUIRED FOR OUT OF HOSPITAL BIRTHS for Midwives Practicing in Newfoundland and Labrador

Introduction

The following is a list of the essential minimum required equipment, supplies and medications for the provision of safe and appropriate care in an out of hospital birth setting. All equipment must be functional, maintained according to the manufacturer's specifications and calibrated to ensure reliable measurements. Midwives must ensure that all equipment and non-disposable supplies are appropriately cleaned, disinfected or sterilized to ensure client safety. Midwives must have access to appropriate communication equipment and means of transportation. In the event of an emergency situation, midwives must use their best clinical judgement in prioritizing their actions. Some emergency procedures e.g., umbilical vein cannulation, may only be carried out when an additional attendant is available to assist. A midwife must carry a birth kit whenever she/he is in attendance with a woman in labour, regardless of the stage of labour or planned place of birth.

Emergency Birth Kit

- Two hemostats
- One pair of scissors
- One cord clamp
- Gauze
- Oxytocin
- Syringe with needle
- Suction

For All Out of Hospital Births

Equipment

- Amnihook or suitable alternative for rupturing membranes
- Baby scales
- Blanket
- Doppler fetoscope
- Fetoscope
- Heat source
- Light source
- Newborn resuscitation/ intubation equipment (see NRP* equipment)
- Partogram or other labour and birth record
- Portable suction equipment compatible with intubation

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- Sphygmomanometer with appropriate sized cuffs
- Sterile speculum
- Stethoscope-adult
- Stethoscope-neonatal/paediatric
- Thermometer
- Watch with second hand

Supplies

- Alcohol prep pads
- Amniotic fluid detection strips
- Antiseptic solution
- Blood drawing supplies and tubes
- Blood glucose testing equipment
- Bulb syringe/mucus extractor
- Cord blood tubes
- Cord clamps or ties
- 4x4 sterile gauze pads
- ID bands for mother and baby
- IV equipment and IV solutions
- Medical waste container
- Mosquito forceps (1 pr.) sterile
- Needles (appropriate sizes)
- Non-sterile gloves
- Oxygen masks - adult
- Oral airways - adult
- Sharps container
- Sterile mosquito forceps
- Sponge forceps (1 pr.) sterile
- Sterile gloves
- Sterile lubricant
- Suture material
- Syringes
- Tape measure-disposable
- Tourniquet
- Urinary catheter
- Urinary catheterization tray
- Urinalysis supplies

Sterile Birth Kit

- Sterile drape

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- Syringes (10 ml, 5 ml, 3 ml, 1 ml)
- Needles (appropriate sizes - 21, 22, 25)
- Two hemostats (curved)
- One pair of sterile blunt-ended scissors
- One pair of sterile scissors for episiotomy
- Suturing instruments
- Suture materials
- Kidney dish/suitable receptacle for placenta

Medications

- Uterotonics (e.g. oxytocin)
- Local anesthetic
- Oxygen (sufficient for transport of mother and baby)
- Eye prophylaxis (2015 - not recommended by CPS)
- Vitamin K
- IV fluids
- Diphenhydramine hydrochloride (Benadryl)
- Epinephrine maternal and newborn doses

***Newborn Resuscitation Equipment and Drugs as per NRP Manual recommended by the Canadian Paediatric Society, 2011.**

N.B. The following requirements are in addition to previously listed items.

Initial Steps:

- Plastic bag/plastic wrapper (to keep small baby warm)
- Supplies for mechanical suction if this is the choice of suction:
 - Suction connecting tubing
 - 10F suction catheters
 - 12F suction catheters for use if babe born through meconium
 - Meconium aspirator
- Pulse oximeter with neonatal probes

Positive Pressure Ventilation (PPV):

- Self-inflating bag – neonatal/pediatric
 - Oxygen reservoir
- Flow inflating bag
- Masks
 - Term

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- Preterm
 - Oxygen tubing
 - Oxygen source
 - Tank with regulator and flow meter
 - 8F gastric tube with 20mL syringe

Intubation Supplies:

- Laryngoscope handle and extra batteries
- Laryngoscope blades and extra bulbs:
 - Size 1
 - Size 0
- Endotracheal tubes (ETT's)
 - 2.5, 3.0, 3.5, 4.0
- Stylet
- Entidal CO₂ detector
- Tape
- Scissors
- Laryngeal Mask Airway size 1
- 5 mL syringe

Medication Administration for NRP:

- Epinephrine 1:10 000 pre-loaded syringe
- 250 mL bag 0.9% normal saline
- Syringes:
 - 1 mL for IV epinephrine
 - 3 mL for ET tube epinephrine administration
 - Pre-filled 0.9% normal saline syringes for flush
 - 60mL syringe for volume expansion (0.9% normal saline)
- Needles
- 5F umbilical catheter OR 5F NG tube
- 3-way stopcock x2
- Umbilical tape/cord ties
- #11 straight blade
- Sterile gloves
- 2% chlorhexidine swabs

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