



# Birthing Bundle

The ***Birthing Bundle*** is a comprehensive resource developed by the Northern Maternal Child Network (NMCN) to support its partner facilities in providing safe and effective obstetrical care. This document is designed for Level 1 and Level 2 obstetrical care facilities, as well as Emergency Departments, and provides a comprehensive readiness checklist across key categories. The list includes laboratory tests, medications, monitoring and diagnostic tools, personal protective and hygiene supplies, IV and infusion equipment, urinary and catheter supplies, and specimen collection materials. It also covers pain management and anesthesia tools, delivery and emergency equipment, newborn resuscitation devices, and postpartum supplies for both mother and newborn. In addition, it outlines essential staff, required skills, certifications, and education. All items are organized in a clear, easy-to-use chart format.

The ***Birthing Bundle*** was created to help hospitals identify existing resources, recognize gaps, and plan to meet required standards. It aligns with the Provincial Council for Maternal and Child Health (PCMCH) Perinatal, Birthing, and Newborn Levels of Care guidance documents, as well as hospital-level and Ontario Health regional designations for perinatal care. Through this alignment, the Bundle offers clear guidance on the requirements and recommendations for Level 1 and Level 2 hospitals.

In addition, the ***Birthing Bundle*** supports emergent care centers and non-level hospitals by outlining essential equipment and skill sets to facilitate emergency obstetrical care and newborn stabilization prior to transfer. By equipping all facilities involved in perinatal care with this standardized resource, the NMCN aims to enhance readiness and improve outcomes for mothers and newborns across the region.



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### Disclaimer

The *Birthing Bundle* is intended for use by healthcare professionals and administrative staff supporting maternal, newborn, and perinatal care in Ontario. The information contained within this resource is based on guidance and recommendations from the Provincial Council for Maternal and Child Health (PCMCH), the Canadian Paediatric Society (CPS), Neonatal Resuscitation Program (NRP) Canada, Critical Care Services Ontario (CCSO), and the Society of Obstetricians and Gynaecologists of Canada (SOGC), as available at the time of publication.

This resource is not a substitute for clinical judgment or institutional policies. Healthcare providers are responsible for ensuring that care practices and decisions comply with local regulations, organizational protocols, scope of practice, and current clinical standards.

All users are encouraged to adapt this information to reflect the unique needs and legal requirements of their care environment. The authors and contributors of the *Birthing Bundle* assume no liability for the use or misuse of the information contained within.

### Legend and Route Abbreviations

This legend supports interpretation of the *Birthing Bundle* tool, helping hospitals of varying Levels of Care (LOC) understand expectations for services, equipment, and staff based on guidance from the PCMCH Perinatal, Birthing and Newborn Levels of Care framework.

- ✓ - **Required** – Represents the minimum standard that must be available or accessible at this hospital level, based on explicit criteria outlined by PCMCH.
- - **Suggested** – Indicates practices, equipment, or supports that are strongly encouraged or considered best practice at this level but are not mandated. Hospitals may choose to implement these based on local capacity and patient needs.
- - **Not Required** – There is no expectation for the service to be provided at this level. Transfer to a higher LOC is generally indicated when this care is needed.

**Route abbreviations:** Intravenous (IV), Intraosseous (IO), Intramuscular (IM)



**Birthing Bundle Checklist**

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Laboratory Testing</b>					
<b>Maternal</b>					
AmniSure Test	●	●	●		
Bacterial and Viral Studies (including Bacterial Smear)	✓	✓	✓		
Blood Bank (Group and Screen)	✓	✓	✓		
Chemistry Panel	✓	✓	✓		
Coagulation Panel Profile (Prothrombin Time (PT), Activated Partial Thromboplastin Time (aPTT), Platelet Count, Fibrinogen, D-Dimer)	●	✓	✓		
Complete Blood Count (CBC)	✓	✓	✓		
Cross Match (Blood Bank)	✓	✓	✓		
Drug Screening	✓	✓	✓		
Fern Test	●	✓	✓		
Fetal Fibronectin (fFN) Test	✓	✓	✓		
Blood Glucose Testing	✓	✓	✓		
Kleihauer-Betke Test	✓	✓	✓		
Serology- Human Immunodeficiency Virus (HIV), Syphilis, Rubella, Hepatitis B and Hepatitis C	✓	✓	✓		
Urinalysis	✓	✓	✓		
<b>Newborn</b>					
Blood Glucose Testing	✓	✓	✓		
Complete Blood Count (CBC)	✓	✓	✓		
Neonatal Bilirubin Screening	✓	✓	✓		
Neonatal Blood Type and Coombs	✓	✓	✓		
Umbilical Cord pH	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Medications</b>					
<b>Maternal</b>					
<b>Analgesics/Opioids</b>					
Acetaminophen (Tylenol) (IV/Oral)	✓	✓	✓		
Celecoxib (Celebrex) (Oral)	●	✓	✓		
Diclofenac (Voltaren) (Topical)	●	✓	✓		
Fentanyl (IV/IM/Epidural/Spinal)	●	✓	✓		
Hydromorphone (Dilaudid) (IV/IM/Oral)	✓	✓	✓		
Ibuprofen (Advil/Motrin) (Oral)	✓	✓	✓		
Morphine (IV/IM/Subcutaneous/Epidural/Spinal)	✓	✓	✓		
Morphine Sulfate (Statex) (Oral)	✓	✓	✓		
Nalbuphine (Nubain) (IV/IM/Subcutaneous)		●	●		
Naproxen (Oral)	✓	✓	✓		
<b>Antibiotics</b>					
Amoxicillin (Amoxil) (Oral)	✓	✓	✓		
Ampicillin (IV/IM)	✓	✓	✓		
Azithromycin (Zithromax) (IV/Oral)	✓	✓	✓		
Benzathine Penicillin G (Bicillin L-A) (IM)	✓	✓	✓		
Cefazolin (Ancef) (IV/IM)	✓	✓	✓		
Ceftriaxone (Rocephin) (IV)	✓	✓	✓		
Cephalexin (Keflex) (Oral)	✓	✓	✓		
Clindamycin (IV/Oral)	✓	✓	✓		
Metronidazole (Flagyl) (IV/Oral)	✓	✓	✓		
Penicillin G Potassium (IV/IM)	✓	✓	✓		
Piperacillin and Tazobactam (Zosyn) (IV)	✓	✓	✓		
Vancomycin (Vancocin) (IV)	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Anticonvulsants</b>					
Magnesium Sulfate (MgSO <sub>4</sub> ) (IV/IM)	✓	✓	✓		
<b>Antiemetic/Antihistamine</b>					
Diphenhydramine (Benadryl) (IV/IM/Oral)	✓	✓	✓		
Dimenhydrinate (Gravol) (IV/IM/Oral/Rectal)	✓	✓	✓		
Metoclopramide (Maxeran) (IV/Oral)	●	●	●		
Ondansetron (Zofran) (IV/Oral/Sublingual)	✓	✓	✓		
<b>Antifibrinolytic</b>					
Tranexamic Acid ( <i>Cyklokapron</i> ) (IV)	✓	✓	✓		
<b>Antihypertensive</b>					
Labetalol (Trandate) (IV/Oral)	✓	✓	✓		
Methyldopa (Aldomet) (Oral)	●	●	●		
Nifedipine (Adalat Extended Release (XL)) (Oral)	✓	✓	✓		
Nifedipine (Adalat Immediate Release (IR)) (Oral)	✓	✓	✓		
<b>Benzodiazepine</b>					
Lorazepam (Ativan) (IV/IM/Oral/Sublingual)	●	●	●		
<b>Corticosteroids</b>					
Betamethasone (Celestone) (IM)	●	✓	✓		
Dexamethasone (Decadron) (IV/IM/Oral)	●	✓	✓		
<b>Topical Anti-Flammatory/Anti-infective</b>					
All Purpose Nipple Ointment or Newman's Nipple Cream (Topical)	●	●	●		
<b>Topical Corticosteroid/Astringent</b>					
Hydrocortisone/Zinc Sulfate (Anusol-HC) (Topical/Rectal)	✓	✓	✓		
<b>Emergency/Resuscitation</b>					
Amiodarone Hydrochloride (Nexterone) (IV/IO)	✓	✓	✓		
Atropine (IV/IO)	✓	✓	✓		
Epinephrine (Adrenalin) (IV/IO/IM)	✓	✓	✓		
Calcium Gluconate (IV/IO)	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Glucagon (IV/IM/Subcutaneous)	✓	✓	✓		
Sodium Bicarbonate (Neut) (IV/IO)	✓	✓	✓		
<b>Fluids/Supportive Therapy</b>					
IV Fluids – (Ringers Lactate, Normal Saline, Dextrose 5% in Water D5W) (IV)	✓	✓	✓		
<b>Blood Products</b>					
Packed Red Blood Cells (IV)	✓	✓	✓		
Rho(D) Immune Globulin (Anti-D Immunoglobulin)- (RhoGam) (IM)	✓	✓	✓		
<b>Iron Products</b>					
Ferric Derisomaltose (Monoferric) (IV)	●	●	✓		
Ferrous Fumerate (Palafer) (Oral)	✓	✓	✓		
Iron Sucrose (Venofer) (IV)	✓	✓	✓		
<b>Local/Regional Anesthesia</b>					
Bupivacaine (Sensorcaine) 0.25% or 0.5% (Epidural/Spinal/Subcutaneous)		✓	✓		
Lidocaine Hydrochloride USP 1% & 2% (Xylocaine) (IV/IO/IM/Subcutaneous)	✓	✓	✓		
Lidocaine Hydrochloride USP (Xylocaine HCl or MPF) (Epidural/Spinal)		✓	✓		
<b>Opioid Agonist-Antagonist</b>					
Nalbuphine Hydrochloride (Nubain) (IV/IM/Subcutaneous)	✓	✓	✓		
<b>Opioid Antagonist</b>					
Naloxone (Narcan) (IV/IM/Subcutaneous)	✓	✓	✓		
<b>Stool Softener/Laxatives</b>					
Polyethylene Glycol 3350 (RestoraLAX, Lax-A-Day) (Oral)	✓	✓	✓		
Sennosides (Senokot) (Oral)	✓	✓	✓		
<b>Uterotonics</b>					
Carbetocin (Duratocin) (IV/IM)	●	✓	✓		
Carboprost (Hemabate) (IM)	●	✓	✓		
Dinoprostone Cervical Gel (Prostin E2, Prepidil) (Vaginal)		✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Dinoprostone Insert (Cervidil) (Vaginal)		✓	✓		
Ergonovine Maleate (Ergot) (IV/IM)	✓	✓	✓		
Misoprostol (Cytotec) (PO/Sublingual/Rectal/Vaginal)	✓	✓	✓		
Oxytocin (Pitocin) (IV/IM)	✓	✓	✓		
<b>Viral Vaccine</b>					
Measles, Mumps and Rubella (M-M-R II) (IM)	✓	✓	✓		
<b>Vasodilator</b>					
Hydralazine (Apresoline) (IV/IM)	●	●	✓		
<b>Newborn</b>					
<b>Analgesic</b>					
Acetaminophen (Tylenol) Suspension (Oral/Rectal)	✓	✓	✓		
Sucrose 24% (TootSweet) Suspension (Oral)	✓	✓	✓		
<b>Antibiotics</b>					
Ampicillin (IV/IM)	✓	✓	✓		
Erythromycin (Erymycin) Ophthalmic Ointment	✓	✓	✓		
Gentamicin (Garamycin, Cidomycin) (IV/IM)	✓	✓	✓		
<b>Emergency/Resuscitation</b>					
Epinephrine (0.1mg/mL) (IV/IO/Endotracheal Tube)	✓	✓	✓		
Dextrose 40% Oral Gel (Insta Glucose) (Buccal/Cheek)	✓	✓	✓		
Sodium Bicarbonate (IV/IO)	✓	✓	✓		
Succinylcholine (Quelicin) (IV/IO)	✓	✓	✓		
<b>Fluids Supportive/Therapy</b>					
Dextrose 10% in water (D10W) (IV)	✓	✓	✓		
Normal Saline (NS Drops) (Intranasal)	●	●	●		
Normal Saline (0.9% NaCl) (IV/IO)	✓	✓	✓		
<b>Immune Globulin (Passive Immunization)</b>					
Hepatitis B Immune Globulin (HyperHEP B) (IM)	✓	✓	✓		



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Inactivated Viral Vaccine (Active Immunization)</b>					
Hepatitis B Vaccine (Engerix-B, Recombivax HB) (IM)	✓	✓	✓		
<b>Iron Products</b>					
Ferrous Sulfate (Fer-in-sol) Drops (Oral)	✓	✓	✓		
<b>Monoclonal Antibody</b>					
Nirsevimab (Beyfortus) (IM)	✓	✓	✓		
<b>Vitamin Supplement/ Anticoagulant Reversal Agent</b>					
Phytonadione (Vitamin K1) (IM)	✓	✓	✓		
<b>Monitoring &amp; Diagnostic Equipment</b>					
<b>Maternal</b>					
Amnicator (Nitrazine Indicator)	✓	✓	✓		
Automatic or Manual Blood Pressure Cuff (appropriate sizes)	✓	✓	✓		
Continuous Cardiac Monitoring	✓	✓	✓		
Continuous O2 Sat Monitoring	✓	✓	✓		
Electronic Fetal Monitor (EFM)	✓	✓	✓		
Glucometer – For Maternal (& Lancets)	✓	✓	✓		
Fetal Scalp Electrode	■	●	✓		
Handheld Fetal Doppler	✓	✓	✓		
Intrauterine Pressure Catheter (IUPC)	■	●	✓		
Maternal Thermometer – Oral or Tympanic	✓	✓	✓		
Microscope and supplies (glass slides and cover slips)	■	●	✓		
Stethoscope	✓	✓	✓		
Reflex Hammer	✓	✓	✓		
Ultrasound: Portable or In House	✓	✓	✓		
Weight Scale (Maternal)	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Newborn</b>					
Glucometer – For Newborn (& Lancets)	✓	✓	✓		
Newborn Blood Pressure and various sized cuffs	✓	✓	✓		
Newborn Thermometer – Axilla and Rectal	✓	✓	✓		
Subcutaneous Bilirubin Testing (Bili Flash)	●	●	✓		
Weight Scale	✓	✓	✓		
<b>IV Access and Infusion Equipment</b>					
IV Pole and Pump	✓	✓	✓		
Urinary/Catheter Equipment	✓	✓	✓		
Pressure Bag	✓	✓	✓		
Blood Warmer	●	✓	✓		
Blood Tubing	✓	✓	✓		
Y-Type Blood Administration Set	✓	✓	✓		
<b>Urinary/Catheter Equipment</b>					
Urinary Catheter Kit	✓	✓	✓		
In and Out Kit	✓	✓	✓		
Urine Collection Bags with & without Urometers	✓	✓	✓		
Foley Catheter 5cc and 10cc	✓	✓	✓		
Foley Catheter 30cc	■	✓	✓		
Antiseptic Solution	✓	✓	✓		
<b>Specimen Collection Supplies</b>					
<b>Maternal</b>					
Arterial, Venous and Cord Blood Sample: (Suggested: 2x heparin syringes with needles or 25-gauge needles, 1x red collection tube, 1x10mL syringe and 20-gauge needle)	✓	✓	✓		
Band Aides (various sizes)	●	●	●		
Clean Catch Urine Wipes	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Fetal Fibronectin	●	●	✓		
Formaldehyde Containers for Specimens (Large and Small as per Pathology Policies/Procedures)	✓	✓	✓		
Patient identification labels (Maternal) for blood and placenta specimens	✓	✓	✓		
Placenta Bag (For Keeping or Disposal of Placenta)	✓	✓	✓		
Specimen Swabs (Bacterial/Viral)	✓	✓	✓		
Urine Specimen Container	✓	✓	✓		
Vaginal Speculums as per MRP	✓	✓	✓		
<b>Newborn</b>					
Appropriate Lab Collection Supplies for Newborn (ex: Butterflies)	✓	✓	✓		
Band Aides (Small for Newborn)	✓	✓	✓		
Bili Serum Collection Tubes	✓	✓	✓		
Heel Prick Lancets for Newborns	✓	✓	✓		
Patient Identification Labels (Newborn) for blood specimens	✓	✓	✓		
Urine Collection Bags for Newborn	●	●	✓		
<b>Pain Management &amp; Anesthesia Equipment &amp; Supplies</b>					
Epidural/Spinal Administration Kits and Supplies	■	✓	✓		
Ice/Hot Packs	✓	✓	✓		
Nitrous Oxide and Various Sized Masks (Small, Medium & Large)	✓	✓	✓		
Patient Controlled Analgesia (PCA) Pump	✓	✓	✓		
Patient Controlled Epidural Anesthesia (PCEA) Pump	■	✓	✓		
Program Intermittent Epidural Boluses (PIEB) Pump	■	✓	✓		
Pudendal Block Administration Kits and Supplies	●	●	●		
<b>Delivery/Emergency &amp; Resuscitation Equipment</b>					
<b>Maternal</b>					
Ambu Bag	✓	✓	✓		
Amniotic Hook	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Assisted Delivery Forceps (e.g., Piper, Simpsons, Tuckers) - If indicated as per MRP preference	✓	✓	✓		
Automated External Defibrillator (AED)	✓	✓	✓		
Bed Pan	✓	✓	✓		
Birthing Ball	●	●	●		
Blanket Warmer/Fluid Medical Warming Cabinet	●	✓	✓		
Caesarean Section Criteria/Operating Room/Supplies/Equipment/Staff	■	✓	✓		
Code Blue - Crash Cart and Supplies	✓	✓	✓		
Delivery Bed (ex: Stryker, Hillrom, Affinity)	✓	✓	✓		
Delivery Pack & Instruments: ( <b>Suggested contents:</b> 1-Medium Green Wrap; 2-Kocher's; 2-Kelly's; 2-Sponge Sticks; 1-Tissue Forceps; 1-Needle Driver; 2-Straight Scissors (Mayo); Placenta Pan; Huck Towels; Cord Clamp; Sponges; Sterile Drape, Sterile Gloves and Gown)	✓	✓	✓		
Footstool (For Shoulder Dystocia Maneuvers if Indicated)	●	●	●		
Gloves (Sterile Surgical and Exam)	✓	✓	✓		
Identification Band	✓	✓	✓		
Kerlix Roll (Vaginal Packing)	✓	✓	✓		
Large Absorbent Blue Pads	✓	✓	✓		
Lubricant	✓	✓	✓		
Oxygen Therapy and Delivery Supplies (tubing, nasal prongs, masks)	✓	✓	✓		
Patient Transfer Board	●	✓	✓		
Peanut Ball	●	●	●		
Personal Protective Equipment (PPE) as per Requirements for Infection Prevention and Control (IPAC)	✓	✓	✓		
Portable Spotlight or Equivalent	✓	✓	✓		
Postpartum Hemorrhage (PPH) Kit	✓	✓	✓		
Suction Setup (Wall with Tubing, Canister, lids and Yankaeur)	✓	✓	✓		
Sutures (as per physician - Indicated for Repairs)	✓	✓	✓		
Uterine Tamponade Device	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Newborn</b>					
End-Tidal CO2 Detector	✓	✓	✓		
ETT tubes 2.5, 3.0, 3.5, 4.0	✓	✓	✓		
Feeding Tubes (5Fr and 8Fr)	✓	✓	✓		
Flow Inflating Bag	✓	✓	✓		
GlideScope (Video Laryngoscope)	✓	✓	✓		
Hugs Security Tags	●	●	✓		
Identification Bands	✓	✓	✓		
Incubator (For Neonatal Intensive Care Units/Stabilization for Transfers)			✓		
Infant Sat Probe	✓	✓	✓		
Infant Scale	✓	✓	✓		
Infant Stethoscope	✓	✓	✓		
Infant Radiant Warmer	✓	✓	✓		
Intraosseous (IO) Access Kit (EZ-IO Vascular Access System)	✓	✓	✓		
Intubating Stylet	✓	✓	✓		
Laryngoscopes 1, 0, 00 (Handle and Batteries)	✓	✓	✓		
Mask Ventilation (Premie, Newborn and Infant Sizes)	✓	✓	✓		
Measuring Tape	✓	✓	✓		
Meconium Aspirator	✓	✓	✓		
Newborn Hat	✓	✓	✓		
Newborn Pneumothorax/Chest Tube Kit/Supplies	✓	✓	✓		
Oral Airways 4.0, 5.0	✓	✓	✓		
Oxygen Therapy & Delivery Supplies: Short-term for Stabilization or Management (Including Medical Air – Oxygen Blender)	✓	✓	✓		
Self-inflating Bag / Mask Ventilation	✓	✓	✓		
Suction (Bulb)	✓	✓	✓		
Suction Canisters and Lids	✓	✓	✓		
Suction Catheters (Newborn) Sizes 6, 8 and 10 French	✓	✓	✓		
Suction Tubing	✓	✓	✓		
Suction (Wall)	✓	✓	✓		
Temperature Probe	✓	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Umbilical Vein Catheterization (UVC) Kit/Supplies	✓	✓	✓		
Vacuum (e.g., Kiwi Vacuum) - If indicated as per MRP	✓	✓	✓		
Warming Blankets	✓	✓	✓		
<b>Postpartum Supplies</b>					
<b>Maternal</b>					
Breast Pump and Supplies	●	●	●		
Education Handouts for Parent – (Critical Congenital Heart Disease (CCHD), Biliary Atresia, New Born Screen, Respiratory Syncytial Virus, Measles, Mumps and Rubella, Community Resources, Lactation Support)	●	●	●		
Hand Expression Kits	●	●	●		
Ice packs	✓	✓	✓		
Peri Bottle	✓	✓	✓		
Pneumatic Compression System Controller, Tubing Set and Sleeve Sets			✓		
Sanitary Pads	✓	✓	✓		
Sitz Bath	✓	✓	✓		
Underwear	✓	✓	✓		
<b>Newborn</b>					
Baby Wipes	✓	✓	✓		
Bassinet	✓	✓	✓		
Bili Blanket	●	●	✓		
Bottles of Formula (Support of Effective Informed Choice Feeding)	✓	✓	✓		
Cord Clamp Cutter	●	●	●		
Cuddle Cot	●	●	●		
Diapers (Newborn, Size 1 & 2)	✓	✓	✓		
Eye Protection (Premie and Infant sizes)	✓	✓	✓		
Fast and Slow Flow Nipples	✓	✓	✓		
Newborn Screen-Testing Forms (NBST)	✓	✓	✓		
Pacifiers	✓	✓	✓		
Phototherapy	✓	✓	✓		
Receiving Blankets	✓	✓	✓		
Vaseline	●	●	●		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
<b>Healthcare Providers</b>					
Anesthesiologist	●	✓	✓		
Dietician/Nutritionist	■	●	✓		
Family Physicians or General Practitioners with Obstetrical Privileges/Training	✓	✓	✓		
General Surgeon	■	●	✓		
Indigenous Midwives	●	●	●		
Lab Technician	✓	✓	✓		
Lactation Consultant or Breast-Feeding Support	●	✓	✓		
Midwife	●	●	●		
Minimum of 1 person at a delivery that is current in the provision of the Neonatal Resuscitation Program (NRP) Guidelines	✓	✓	✓		
Nurse Educator	✓	✓	✓		
Obstetrician – Onsite or Immediately Available	●	●	✓		
Pediatrician	■	●	✓		
Radiologist (access)	●	✓	✓		
Radiographer (on site)	✓	✓	✓		
Registered Practical Nurse - Obstetrically Trained	●	✓	✓		
Registered Nurse – Obstetrically Trained	✓	✓	✓		
Registered Nurse with Neonatal Training (Neonatal Intensive Care Unit)	■	■	✓		
Registered Respiratory Therapist	●	✓	✓		
Social Worker	●	●	●		
Sonographer (access)	✓	✓	✓		
Spiritual and Cultural Support	●	●	●		
<b>Accessory Skills/Equipment</b>					
Ability to Establish Venous Access (IV/UVC/IO) (Newborn)	✓	✓	✓		
Administration of Blood Products (Supplies & Skill)	✓	✓	✓		
ART Line Insertion	■	■	●		
Central Line	■	■	●		
CT Scan (access)	●	✓	✓		

✓ Required ● Suggested ■ Not Required



## Birthing Bundle for Maternal and Newborn Care

Item	Level 1a	Level 1b	Level 2	Available (y/n)	Comment
Magnetic Resonance Imaging (MRI)			●		
PET Scan					
Rapid Infuser	●	✓	✓		
Ultrasound (Access for Level 1, Portable for Level 2)	✓	✓	✓		
X-ray	✓	✓	✓		

✓ Required ● Suggested ■ Not Required

## Suggested List of Perinatal Policies, Guidelines and Standards of Nursing Care

The Maternal Newborn, Child and Youth Network (MNCYN) has created a suggested list of [Perinatal Policies, Guideline and Standards of Nursing Care](#). Please note that this is not an exhaustive list but is intended as a suggested list only. Some of the suggested topics might not apply to the care provided in a specific hospital. Organizations are encouraged to determine which of these suggested topics they would include as either a policy, a guideline or a standard of nursing care.



### BORN Registry Resources

The Northern Maternal Child Network (NMCN) is proud to support hospitals, staff, and patients across Northern Ontario by providing resources that strengthen maternal and newborn care. To this end, NMCN is including a **BORN Data Entry Guide for Non-Birthing Hospitals**, an **Encounter Requirements Table** for all levels of maternal–newborn care, and **BORN Downtime Documents**.

These resources help ensure that hospitals without onsite birthing services maintain the same standards of care coordination, data quality, and provincial reporting expectations as birthing hospitals. They provide clear guidance for accurate, consistent, and timely documentation, supporting both clinical care and provincial reporting across the region.

Accurate BORN data entry is essential for:

- Reliable maternal–newborn surveillance
- Ensuring continuity of care for transferred patients
- Supporting quality improvement and system planning across Northern Ontario
- Meeting provincial requirements set by BORN Ontario

Providing these resources within the Birthing Bundle helps reduce variation in practice, increases documentation confidence for teams with infrequent maternal-newborn encounters, and ensures that staff have quick access to step-by-step instructions, contact information, and clear indicators of when an encounter must be created in BORN.

#### BORN Downtime Documents

- Downtime procedures provide paper templates and step-by-step instructions for documenting encounters when BORN is unavailable.
- Essential downtime forms are included as appendices in this bundle for immediate access.

Full downtime documentation is available online via [BORN Ontario](#) to ensure staff access the most up-to-date forms.



### Contact BORN

- **Help Desk (toll-free):** 1-855-881-BORN (2676)
- **Website:** [www.bornontario.ca](http://www.bornontario.ca)

The following pages include the **BORN Data Entry Guide – Non-Birthing Hospitals** and the **Encounter Requirements Table** in their original format, as provided by BORN.

### Included Resources:

1. **BORN Data Entry Guide – Non-Birthing Hospitals** (Appendix A)
2. **Encounter Requirements Table** (Appendix B)
3. [Labour/Birth Mother Encounter](#)
4. [Birth Child Encounter](#)
5. [Postpartum Mother Encounter](#)
6. [Postpartum Child Encounter](#)

These resources help ensure **consistent, accurate, and meaningful data entry**, supporting Northern Ontario hospitals in delivering the safest, highest-quality care for mothers and newborns.



## **BORN Data Entry Guide – Non-Birthing Hospitals (Appendix A)**

### **BORN Data Entry Guide – Non-Birthing Hospitals**

Non-birthing hospitals play a critical role in ensuring complete maternal and newborn data for provincial reporting.

Non-birthing hospitals cannot access the BORN Information System. Instead, they must complete paper forms for required encounters and send these forms with the patient's chart to the birthing hospital for data entry. Birthing hospitals are then required to enter the clinical information in the BORN Information System.

### **Responsibilities for Non-Birthing Hospitals**

If your hospital admits a postpartum patient or newborn following a birth at your hospital or elsewhere (such as a home birth or during transport), you must:

#### **Complete BORN paper forms for:**

- Labour/Birth Mother Encounter
- Birth Child Encounter
- Postpartum Mother Encounter
- Postpartum Child Encounter

Ensure forms accompany the patient when transferred to the birthing hospital.

**\* If the birthing parent AND baby are not transferred to a birthing hospital, BORN encounter forms are not required. If one is transferred, then ALL BORN encounter forms are required.**



**Encounter Requirements Table (Appendix B)**

Encounter Form	Requirement (When to Complete)	Description
Labour/Birth Mother	Required for all live births and stillbirths $\geq 20$ weeks and/or $\geq 500$ g at your facility or elsewhere (such as a home birth or during transport).  <i>*It is also encouraged to complete for pregnancy losses <math>&lt; 20</math> weeks.</i>	Labour and birth details from birth to 1 hour after birth.
Birth Child	Required for all live births and stillbirths $\geq 20$ weeks and/or $\geq 500$ g at your facility or elsewhere (such as a home birth or during transport).	Birth details from birth to 1 hour after birth.
Postpartum Mother	Complete for <b>all</b> patients who have had a vaginal or a cesarean birth	Care provided from 1 hour after birth until discharge/transfer.
Postpartum Child	Completed for all babies receiving routine newborn care.  <i>*Not required for stillbirths.</i>	Infant care provided from 1 hour after birth until discharge/transfer.



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