

## L: Maternal & Newborn

**Please note:** Competencies within this section of the Profile are to be taken in consideration with competencies outlined throughout this document and are not intended to be standalone.

**Important:** LPNs are responsible to ensure they have any required education or training and the individual competence prior to performing these competencies.

Major Competency  
**L: Maternal & Newborn**

Competency  
**L-1: Maternal Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will:

**L-1-1 Demonstrate knowledge of anatomy and physiological changes during pregnancy.**

**L-1-2 Demonstrate knowledge and ability to perform holistic health assessment and history:**

- signs and symptoms of pregnancy
- last menstrual cycle
- expected date of delivery (confinement)
- number of pregnancies (gravida, para)
- fundal height
- auscultation of fetal heart
- fetal heart monitoring (see Standard of Practice #11, in section Z of this document)
- routine and non-routine lab collection and results
- identify potential risk factors
- health and genetic concerns
  - sexually transmitted infections
  - socio-economic status
  - substance use or abuse

**L-1-3 Demonstrate knowledge to assess fetal positioning and movement and offer interventions as appropriate.**

**L-1-4 Demonstrate knowledge of commonly known complications associated with pregnancy:**

- abruptio placenta
- ectopic pregnancy
- effects of substance use or abuse
- fetal growth anomalies
- gestational diabetes mellitus
- hyperemesis gravidarum
- hypertensive disorder (preeclampsia)
- malposition of fetus
- placenta previa
- pre-term labor
- spontaneous or missed abortion

**L-1-5 Demonstrate knowledge and ability to provide pre-operative care to patient undergoing emergency or elective caesarean section.**

**L-1-6 Demonstrate knowledge of stages of labor and delivery:**

- Stage 1 - onset, effacement, and dilation of cervix
- Stage 2 - full cervix dilation to delivery of baby
- Stage 3 – delivery of placenta
- Stage 4 – recovery following delivery

Major Competency  
**L: Maternal & Newborn**

Competency  
**L-1: Maternal Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will:

**L-1-7 Demonstrate knowledge and ability to perform health assessment and collection of admission information specific to maternal nursing:**

- last menstrual cycle
- expected date of delivery (confinement)
- number of pregnancies (gravida, para)
- fundal height
- auscultation of fetal heart
- tests and treatments
- lab collection and results
- awareness and respect for culturally related practices and beliefs
- prenatal records and history
- risk factors
  - health and genetic concerns
  - sexually transmitted infection
  - socioeconomic status
  - substance use or abuse

**L-1-8 Demonstrate knowledge and ability to assist authorized professional(s) during management of labour and delivery:**

- vaginal exams
- artificial rupture of membranes
- epidural anesthesia or analgesia
- pharmacological induction
- APGAR scoring
- cord blood sample
- examination of placental tissue and cord structure

**L-1-9 Demonstrate knowledge and ability to provide ongoing assessment, monitoring, and care of laboring patient in collaboration with authorized professional(s):**

- coach patient and partner
- infusion therapy
- medication administration
- non-pharmacological comfort measures
- specimen collection and testing
- nitrous oxide (see Standard of Practice #14, in section Z of this document)

**L-1-10 Demonstrate knowledge and ability to provide initial assessment, care, and medications to a newborn.**

**L-1-11 Demonstrate knowledge and ability to assist authorized professional(s) with managing post-delivery complications.**

**L-1-12 Demonstrate knowledge and ability to provide compassionate care for patient, family, and others in the event of an unexpected still birth or death of newborn.**

**L-1-13 Demonstrate knowledge and ability to collaborate with authorized professional(s) in the delivery of pre-term, non-viable fetal termination induction:**

- assist with induction medication protocol
- assess cessation of fetal heart
- compassion and support for patient, family, and others
- ongoing monitoring and care of laboring patient
  - non-pharmacological comfort measures
  - medication administration

Major Competency  
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Competency  
**L-1: Maternal Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will:

**L-1-14 Demonstrate knowledge and ability to collaborate with authorized professional(s) in the delivery of non-viable fetus:**

- ongoing monitoring and care of laboring patient
- non-pharmacological comfort measures
- medication administration
- procure specimens according to employer requirements
- provide care of body respecting patient, family, cultural wishes
- provide supportive environment for family

**L-1-15 Demonstrate knowledge and ability to manage post-mortem care of non-viable fetus according to employer requirements, respecting cultural and spiritual practices.**

**L-1-16 Demonstrate knowledge of the physiological process of involution of the uterus following childbirth.**

**L-1-17 Demonstrate knowledge and ability to provide post-operative care to patient following caesarean section:**

- bowel and bladder function
- incision care and dressing changes
- pain management
- post anesthetic and epidural protocols
- post-operative hemorrhage
- post-surgical precautions

**L-1-18 Demonstrate knowledge and ability to recognize and assess post-partum complication:**

- abnormal vital signs
- boggy fundus
- deep vein thrombosis
- difficulty voiding
- edema
- hemorrhage
- clots, tissue, or infection
- seizure

**L-1-19 Demonstrate knowledge and ability to provide health teaching and coaching in post-natal and newborn care:**

- changes in family dynamics
- community resources
- discharge planning
- feeding (breast or bottle)
- importance of bonding
- importance of hydration, diet, and rest
- resuming sexual activity
- signs and symptoms of post-partum depression
- skin to skin contact with newborn

**L-1-20 Demonstrate knowledge and ability to provide health teaching and coaching as a lactation consultant.**

Major Competency  
**L: Maternal & Newborn**

Competency  
**L-2: Newborn Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will:

**L-2-1 Demonstrate knowledge and ability to perform initial and ongoing assessment of newborn:**

- monitoring intake/output
- latching and feeding
- specimen collection and testing
  - phenylketonuria (PKU)
  - bilirubin
  - blood glucose

**L-2-2 Demonstrate knowledge and ability to recognize signs and symptoms of newborn distress and respond immediately.**

**L-2-3 Demonstrate knowledge and ability to manage newborn complications:**

- blood glucose level
- latching and feeding
- jaundice
- physical or genetic anomalies
- substance withdrawal
- unexpected death

**L-2-4 Demonstrate knowledge and ability to assist authorized professional(s) with transferring newborn to specialized care.**

**L-2-5 Demonstrate knowledge and ability to provide discharge teaching for newborn care:**

- bathing of newborn
- cord care
- latching and feeding
- importance of bonding
- importance of hydration
- newborn and car seat safety
- skin to skin contact
- community health nurse visits
- pediatrician and physician follow-up
- referrals to other health professionals

**L-2-6 Demonstrate knowledge and ability to perform holistic assessment on critical care newborn:**

- admission assessment
- advanced neonatal physiological systems assessment
- neonatal pain, agitation, and sedation scale (N-PASS):
  - crying and irritability
  - behavior state
  - facial expression
  - extremities tone
  - vital signs

**L-2-7 Demonstrate knowledge of common reasons for neonatal admission to intensive care unit:**

- complications following delivery
- low birth weight
- medical conditions or birth defect
- multiples (twins, triplets)
- premature birth
- substance withdrawal

**L-2-8 Demonstrate knowledge and ability to monitor clinical manifestations of critically ill or premature newborn.**

Major Competency  
**L: Maternal & Newborn**

Competency  
**L-2: Newborn Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will

**L-2-9 Demonstrate knowledge of specialized equipment pertaining to care of critically ill or premature newborn.**

**L-2-10 Demonstrate knowledge and ability to provide interventions for critically ill or premature newborn:**

- APGAR scoring
- arterial line monitoring
- blood and blood product monitoring
- blood draws
- blood glucose monitoring
- gavage or tube feeding
- oxygen therapy
- phenylketonuria (PKU)
- parenteral nutrition monitoring
- temperature management

**L-2-11 Demonstrate knowledge and ability to provide fluids and medication by infusion to critically ill and premature newborn:**

- peripheral central line (PICC)
- direct administration (push)
- peripheral intravenous infusion
- umbilical venous catheter (UVC)

**L-2-12 Demonstrate knowledge and ability to provide teaching and support to family of critically ill or premature newborn during care and upon discharge:**

- latching and feeding
- coping skills
- infection prevention and control
- multiple infusion lines
- advanced treatments
- vaccination schedules
- special care and precautions
- referrals to other health professionals
- community health nurse visits
- pediatrician/physician follow-up
- compassionate care in the event of newborn death

Major Competency  
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Competency  
**L-3: Neonatal Resuscitation**

Competency Statement - A Licensed Practical Nurse will:

**L-3-1 Demonstrate knowledge of normal physiological changes of newborn occurring with birth.**

**L-3-2 Demonstrate knowledge of pathophysiology of asphyxia and apnea in newborn.**

**L-3-3 Demonstrate knowledge and ability to perform care and holistic rapid assessment of newborn in distress:**

- term gestation
- respiratory effort (breathing or crying)
- muscle tone
- temperature management
- position, clear airway
- dry, stimulate, reposition
- determine need for resuscitation

**L-3-4 Demonstrate knowledge and ability to perform resuscitation of newborn:**

- provide supplemental oxygen
- perform chest compressions
- administer medications
- monitor oxygen level

**L-3-5 Demonstrate knowledge and ability to assist authorized professional(s) with additional resuscitation interventions for newborn in persistent distress:**

- identify need for intubation
- provide PPV or continuous positive airway pressure (CPAP)
- perform chest compressions
- administer medications as appropriate

**L-3-6 Demonstrate knowledge and ability to assess for complications and manage care of successfully resuscitated at risk newborn:**

- feeding and fluid management
- hypo or hyperglycemia
- hypo or hypertension
- metabolic acidosis
- organ system complications
- respiratory complications
- seizures
- temperature management
- lab values