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.
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
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
## Competency

### L-1: Maternal Nursing and Interventions

**Competency Statement -** A Licensed Practical Nurse will:

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<thead>
<tr>
<th>L-1-14</th>
<th>Demonstrate knowledge and ability to collaborate with authorized professional(s) in the delivery of non-viable fetus:</th>
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<td>- ongoing monitoring and care of laboring patient&lt;br&gt;- non-pharmacological comfort measures&lt;br&gt;- medication administration&lt;br&gt;- procure specimens according to employer requirements&lt;br&gt;- provide care of body respecting patient, family, cultural wishes&lt;br&gt;- provide supportive environment for family</td>
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| 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. |

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<tr>
<th>L-1-17</th>
<th>Demonstrate knowledge and ability to provide post-operative care to patient following caesarean section:</th>
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<td>- bowel and bladder function&lt;br&gt;- incision care and dressing changes&lt;br&gt;- pain management&lt;br&gt;- post anesthetic and epidural protocols&lt;br&gt;- post-operative hemorrhage&lt;br&gt;- post-surgical precautions</td>
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<tr>
<th>L-1-18</th>
<th>Demonstrate knowledge and ability to recognize and assess post-partum complication:</th>
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<td>- abnormal vital signs&lt;br&gt;- boggy fundus&lt;br&gt;- deep vein thrombosis&lt;br&gt;- difficulty voiding&lt;br&gt;- edema&lt;br&gt;- hemorrhage&lt;br&gt;- clots, tissue, or infection&lt;br&gt;- seizure</td>
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<th>L-1-19</th>
<th>Demonstrate knowledge and ability to provide health teaching and coaching in post-natal and newborn care:</th>
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<td>- changes in family dynamics&lt;br&gt;- community resources&lt;br&gt;- discharge planning&lt;br&gt;- feeding (breast or bottle)&lt;br&gt;- importance of bonding&lt;br&gt;- importance of hydration, diet, and rest&lt;br&gt;- resuming sexual activity&lt;br&gt;- signs and symptoms of post-partum depression&lt;br&gt;- skin to skin contact with newborn</td>
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| L-1-20 | Demonstrate knowledge and ability to provide health teaching and coaching as a lactation consultant. |
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.
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
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