K: Maternal/Newborn Care
A Licensed Practical Nurse will:

K-1-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in maternal and prenatal care.

K-1-2 Demonstrate knowledge of human anatomy and physiological changes during pregnancy.

K-1-3 Demonstrate knowledge and ability to provide health teaching and coaching associated with pregnancy.
A Licensed Practical Nurse will:

**K-2-1**  
**Demonstrate knowledge and ability to perform comprehensive health assessment and history including:**
- signs and symptoms of pregnancy
- last menstrual cycle
- expected date of confinement (EDC)
- number of pregnancies (gravida, para)
- fundal height
- auscultation of fetal heart monitoring
- routine and non-routine lab results
- identify potential risk factors
  - health issues
  - sexually transmitted infections
  - socio-economic issues
  - substance abuse

**K-2-2**  
**Demonstrate knowledge and ability to perform fetal monitoring:**
- assess position of fetus (Leopold’s Maneuvers)
- perform interventions as appropriate (offer juice/ice water, reposition, provide oxygen)

**K-2-3**  
**Demonstrate knowledge of prenatal care and complications associated with pregnancy including:**
- abruptio placenta
- ectopic pregnancy
- effects of substance abuse
- fetal growth issues
- gestational diabetes mellitus
- hyperemesis gravidarum
- hypertensive disorder
- malposition of fetus
- placenta previa
- pre-term labor
- spontaneous or missed abortion
A Licensed Practical Nurse will:

K-2-4 Demonstrate knowledge and ability to provide pre-operative care to client prior to emergency or elective caesarean section including:
- ensure consent is signed
- continual monitoring and care
- infusion therapy
- teaching and coaching
- catheterization

K-2-5 Demonstrate knowledge and ability to communicate and collaborate with inter-professional team.

K-2-6 Demonstrate knowledge and ability to perform fetal monitoring for non-stress test.
A Licensed Practical Nurse will:

**K-3-1** Demonstrate knowledge of stages of labor and delivery:
- stage 1 – labor onset to full cervix dilation
- stage 2 – full cervix dilation to delivery of baby
- stage 3 – delivery of baby to expulsion of placenta
- stage 4 – expulsion of placenta to afterbirth recovery

**K-3-2** Demonstrate knowledge and ability to perform comprehensive health assessment and specialized admission specific to maternal nursing including:
- last menstrual cycle
- expected date of confinement (EDC)
- number of pregnancies (gravida, para)
- fundal height
- auscultation of fetal heart monitoring
- routine and non-routine lab results
- previous genetic anomalies
- prenatal records and history
- special tests and treatments
- risk factors
A Licensed Practical Nurse will:

**K-4-1** Demonstrate knowledge and ability to assist authorized professional(s) during management of labor including:
- vaginal exams
- artificial rupture of membranes
- insertion of internal mode fetal monitoring
- epidural anesthesia/analgesia
- pharmacological induction

**K-4-2** Demonstrate knowledge and ability to provide ongoing assessment, monitoring and care of laboring client in collaboration with authorized professional(s) including:
- apply external fetal heart monitor
- coach client and partner
- infusion therapy
- medication administration
- non-pharmacological comfort measures
- specimen collection and testing
- nitrous oxide
A Licensed Practical Nurse will:

**K-5-1** Demonstrate knowledge and ability to assist authorized professional(s) in delivery process including:
- Apgar scoring
- cord blood sample
- examination of placental tissue and cord structure

**K-5-2** Demonstrate knowledge and ability to provide care and initial medications to newborn.

**K-5-3** Demonstrate knowledge and ability to assist authorized professional(s) with post-delivery complications including:
- chills/shock
- hemorrhage
- seizures

**K-5-4** Demonstrate knowledge and ability to provide compassionate care for client, family and others in event of unexpected still birth or death of newborn.
A Licensed Practical Nurse will:

**K-6-1** Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process related to neonatal resuscitation.

**K-6-2** Demonstrate knowledge of normal physiological changes of newborn occurring with birth.

**K-6-3** Demonstrate knowledge of pathophysiology of asphyxia and apnea in newborn.

**K-6-4** Demonstrate knowledge and ability to perform care and comprehensive rapid assessment of newborn:
- assess term gestation
- assess respiratory effort (breathing or crying)
- assess muscle tone
- provide warmth
- position, clear airway
- dry, stimulate, reposition
- determine need for resuscitation

**K-6-5** Demonstrate knowledge and ability to perform resuscitation of newborn:
- provide supplemental oxygen
  - free flow
- provide positive pressure ventilation (PPV)
- monitor oxygen level

**K-6-6** Demonstrate knowledge and ability to collaborate with authorized professional(s) to provide additional resuscitation interventions for newborn with labored breathing/persistent cyanosis:
- provide PPV or continuous positive airway pressure (CPAP)
- identify need for intubation
A Licensed Practical Nurse will:

### K-6-7

**Demonstrate knowledge and ability to assist authorized professional(s) with endotracheal intubation and continued resuscitation:**
- perform chest compressions
- administer medications as appropriate

### K-6-8

**Demonstrate knowledge and ability to assess for complications and manage care for successfully resuscitated newborn:**
- feeding problems
- fluid management
- hypoglycemia
- hypotension
- metabolic acidosis
- organ system injury
- pneumonia and other lung complications
- pulmonary hypertension
- seizures or apnea
- temperature management

### K-6-9

**Demonstrate knowledge and ability to communicate and collaborate with inter-professional team to provide support to newborn’s family and others throughout the resuscitation process.**
A Licensed Practical Nurse will:

**K-7-1**  
Demonstrate knowledge and ability to collaborate with authorized professional(s) to assist with/manage labor in pre-term, non-viable fetal termination induction:

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

**K-7-2**  
Demonstrate knowledge and ability to collaboration with authorized professional(s) to assist with/manage delivery of pre-term, non-viable fetus/neonate:

- ongoing monitoring and care of laboring client
  - non-pharmacological comfort measures
  - medication administration
- procure specimens according to agency policy
- prepare fetus/neonate for time with client
- provide privacy post-delivery for client, family and others

**K-7-3**  
Demonstrate knowledge and ability to manage post-mortem care according to agency policy.

**K-7-4**  
Demonstrate knowledge and ability to collaborate with inter-professional team to provide resources and support to client and others.
Major Competency Area: K
Maternal/Newborn Care

Competency: K-8
Post-Partum Care

Date: June 1, 2015

A Licensed Practical Nurse will:

K-8-1 Demonstrate knowledge of involution process.

K-8-2 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in care of post-partum client.

K-8-3 Demonstrate knowledge and ability to provide post-operative care to client following caesarean section including:
- bowel and bladder function
- incision care and dressing changes
- pain management
- post anesthetic/epidural protocols
- post-operative hemorrhage
- post-surgical precautions

K-8-4 Demonstrate knowledge and ability to recognize and assess post-partum complications including:
- abnormal vital signs
- boggy fundus
- deep vein thrombosis
- difficulty voiding
- edema
- hemorrhage
- large clots or tissue
- seizure

K-8-5 Demonstrate knowledge and ability to provide health teaching and coaching in post-natal and newborn care including:
- changes in family dynamics
- community resources
- discharge planning
A Licensed Practical Nurse will:

**K-8-5**  Demonstrate knowledge and ability to provide health teaching and coaching in post-natal and newborn care including: (cont’d)
- 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

**K-8-6**  Demonstrate knowledge and ability to provide advanced health teaching and coaching as a lactation/breast feeding consultant.
A Licensed Practical Nurse will:

**K-9-1** Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in care of newborn including:
- initial and ongoing assessment
- specimen collection and testing
  - phenylketonuria (PKU)
  - bilirubin
  - blood glucose
- monitoring intake/output
- assessing feeding

**K-9-2** Demonstrate knowledge and ability to manage complications in care of newborn including:
- blood glucose level
- feeding issues (tube feeding)
- jaundice
- physical/genetic anomalies
- substance withdrawal
- unexpected death

**K-9-3** Demonstrate knowledge and ability to recognize signs and symptoms of newborn distress and respond immediately.

**K-9-4** Demonstrate knowledge and ability to assist authorized professional(s) with transferring newborn to specialized care.

**K-9-5** Demonstrate knowledge and ability to provide health teaching and coaching for discharge of newborn including:
- bathing of newborn
- cord care
- discharge planning
- feeding (breast or bottle)
- importance of bonding
- importance of hydration
- newborn safety/care seat safety
- skin to skin contact with newborn
A Licensed Practical Nurse will:

K-10-1  Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in care of critically ill or premature newborn in collaboration with inter-professional team.

K-10-2  Demonstrate knowledge and ability to perform comprehensive assessment on critically ill or premature newborn including:
  - admission assessment
  - advanced neonatal system assessments:
    - cardiovascular
    - circulatory
    - digestive
    - endocrine
    - genitourinary
    - immune
    - integumentary
    - lymphatic
    - musculoskeletal
    - nervous
    - respiratory
  - neonatal pain, agitation, and sedation scale (N-PASS):
    - crying/irritability
    - behavior/state
    - facial expression
    - extremities/tone
    - vital signs

K-10-3  Demonstrate knowledge of causes for neonatal admission to intensive care unit (NICU) including: (critically ill neonates)
  - complications following difficult delivery
  - low birth weight - less than 2270 gms/5 lbs
  - medical condition and/or birth defect requiring special care
A Licensed Practical Nurse will:

### K-10-3
Demonstrate knowledge of causes for neonatal admission to intensive care unit (NICU) including: (critically ill neonate) (cont’d)
- multiples - twins, triplets
- premature - before 35 weeks gestation
- substance abuse withdrawal

### K-10-4
Demonstrate knowledge and ability to monitor clinical manifestations of critically ill or premature newborn.

### K-10-5
Demonstrate knowledge of specialized equipment pertaining to care of critically ill or premature newborn.

### K-10-6
Demonstrate knowledge and ability to provide interventions for critically ill or premature newborn including:
- Apgar scoring
- arterial line monitoring
- blood and blood product monitoring
- blood draws
- blood glucose monitoring
- gavage or tube feeding
- oxygen therapy (including nasal prongs, blow by, CPAP, high flow)
- phenylketonuria (PKU)
- total parenteral nutrition monitoring (TPN)
- temperature control

### K-10-7
Demonstrate knowledge and ability to provide fluids and medication by infusion to critically ill and premature newborn including:
- central line (peripherally inserted central line-PICC)
- direct administration (push)
- peripheral infusion
- umbilical venous catheter (UVC)
A Licensed Practical Nurse will:

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<th>Competency: K-10</th>
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<td><strong>Care of Critically Ill or Premature Newborn</strong></td>
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<th>K-10-8</th>
<th>Demonstrate knowledge and ability to provide health teaching and coaching to family of critically ill and premature newborn including:</th>
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<td>- breast feeding</td>
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<td>- identify difficult family dynamics and coping issues</td>
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<td>- referrals as necessary (social workers, lactation consultants)</td>
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<td>- special feeding precautions (cleft palate, cleft lip)</td>
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<td>- infection prevention and control</td>
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<td>- multiple infusion lines</td>
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<td>- special treatment requirements</td>
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<th>K-10-9</th>
<th>Demonstrate knowledge and ability to provide health teaching and coaching to client, family and others upon discharge including:</th>
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<td>- immunization of infants</td>
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<td>- special care and precautions with neonatal newborn</td>
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<td>- community health nurse visits</td>
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