

K: Maternal/ Newborn Care

Major Competency Area: **K**
Maternal/Newborn Care

Competency: **K-1**
Maternal/Newborn Nursing

Date: June 1, 2015

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.**

Major Competency Area: **K**
Maternal/Newborn Care

Competency: **K-2**

Prenatal Care

Date: June 1, 2015

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

Competency: **K-2**

Prenatal Care

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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.

Major Competency Area: **K**
Maternal/Newborn Care

Competency: **K-3**

Knowledge and Assessment of Labor

Date: June 1, 2015

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

Major Competency Area: **K**
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Competency: **K-4**
Assist with Managing Labor

Date: June 1, 2015

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

Major Competency Area: **K**
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Competency: **K-5**
Assist with Delivery

Date: June 1, 2015

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.**

Major Competency Area: **K**
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Competency: **K-6**
Neonatal Resuscitation

Date: June 1, 2015

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.

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Competency: **K-7**
**Labor and Delivery of
Non-Viable Fetus**

Date: June 1, 2015

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**
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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

Competency: **K-8**

Post-Partum Care

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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.

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Competency: **K-9**
Newborn Care

Date: June 1, 2015

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

Major Competency Area: **K**
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Competency: **K-10**
**Care of Critically Ill or
Premature Newborn**

Date: June 1, 2015

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:

K-10-8 Demonstrate knowledge and ability to provide health teaching and coaching to family of critically ill and premature newborn including:

- breast feeding
- identify difficult family dynamics and coping issues
 - referrals as necessary (social workers, lactation consultants)
- special feeding precautions (cleft palate, cleft lip)
- special precautions:
 - infection prevention and control
 - multiple infusion lines
 - special treatment requirements

K-10-9 Demonstrate knowledge and ability to provide health teaching and coaching to client, family and others upon discharge including:

- immunization of infants
- special care and precautions with neonatal newborn
 - community health nurse visits
 - pediatrician/physician follow-up
 - referrals to other health professionals as necessary

K-10-10 Demonstrate knowledge and ability to provide compassionate care for family in death of a newborn