

Z: Perioperative Specialty

Major Competency Area: **Z**
Perioperative Specialty

Competency: **Z-1**
Self-Regulation and Accountability

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-1-1 Demonstrate knowledge and understanding of the perioperative restricted activity in the Health Professions Act Licensed Practical Nurse (LPN) Regulation (2013).

Z-1-2 Demonstrate knowledge and application of Canadian Council for Practical Nurse Regulators, Standards of Practice and Competencies for Perioperative Licensed Practical Nurses (CCPNR, 2010).

Note: LPNs who practice the Perioperative Specialty complete specialized education approved by the College of Licensed Practical Nurses of Alberta (CLPNA).

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Competency: **Z-2**

Specialized Perioperative Knowledge

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-2-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process in the perioperative role.

Z-2-2 Demonstrate knowledge and ability to provide specialized perioperative nursing including:

- admission, discharge and transfer of client
- advocate for client
- anesthesia methods and protocols
- application of nursing process
- asepsis and sterile techniques
- client and team safety
- crash cart, defibrillator and code criteria
- documentation and reporting
- infection prevention and control standards
- maintain and uphold associated legalities, policy and procedure
- medications used in pre, intra and post-operative care
- ordering of supplies and equipment as appropriate
- orientation of new staff
- potential complications of anesthesia and appropriate response
- provide safe, compassionate and coordinated care
 - pre-operatively
 - intra-operatively
 - post-operatively
- sterile hand scrub and gowning
- surgical procedures, protocols and related disease processes

Z-2-3 Demonstrate knowledge and ability to perform disinfection process within the surgical environment including:

- equipment and instruments
- surgical theatre

Competency: **Z-2**

Specialized Perioperative Knowledge

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A Licensed Practical Nurse will:

Z-2-4 Demonstrate knowledge and ability to safely handle and care for surgical equipment including:

- electrosurgical tools
- endoscopes and instrumentation
- laser systems and equipment
- power tools
- robotics
- video equipment

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Competency: **Z-3**
Pre-Operative Role

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-3-1 Demonstrate knowledge and ability to receive and monitor client in pre-operative area including:

- check pre-operative chart for completeness
- verify signed consent
- complete pre-operative checklist with client
- provide health teaching and coaching for client and others
- provide client with comfort measures
- check infusion and output
- assist with pre-operative examinations as required
- communicate and report relevant findings

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Competency: **Z-4**
Perioperative Circulating Role

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-4-1 Demonstrate knowledge and ability to perform duties and responsibilities of the perioperative circulating role including:

- be aware and responsive to surgical team throughout procedure
- prepare the equipment and room supplies specific to operative procedure/surgeon preference
- notify all inter-professional personnel required for case
- ensure x-rays and diagnostic tests are available if required
- complete pre-operative assessment and checklist
- transport client to the operating room
- receive client into the operating room and carry out appropriate checks
- safely position/secure client on the operating room table
- reassure client and explain procedures
- complete “safe surgery checklist”
- apply monitoring equipment as required
- assist anesthesia provider with insertion of lines
- assist anesthesia provider with intubation/induction
- position client for surgical procedure
- insert urinary catheter as required
- prepare operative site according to specific protocols
- assist with draping
- connect suction, cautery, and equipment as required
- prepare medications and irrigations for administration
- appropriately handle and label all specimens
- inspect and open sterile supplies and hand to scrub nurse
- provide instruments and supplies as required
- manage intra-operative sterilization as required
- accurately complete intra-operative case record
- document fluid output
- document unusual incidents with follow up action
- monitor vital signs if required

A Licensed Practical Nurse will:

Z-4-1 Demonstrate knowledge and ability to perform duties and responsibilities of the perioperative circulating role including: (cont'd)

- participate in surgical count of instruments and supplies:
 - initial count
 - add to count
 - final count
 - remain “on duty” until incorrect counts are resolved
- assist with transfer of client from operating room table to stretcher
 - ensure all dressings and drains are secured for transport

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Competency: **Z-5**
Assist Anesthesia Provider

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-5-1

Demonstrate knowledge and ability to assist anesthetist including:

- check anesthetic machine and cart for required supplies
- initiate intravenous and prepare supplies for anesthesia provider
- prepare supplies and assist anesthesia provider as required
- assist the anesthesia provider during induction
 - intubation, fixation and connection of endotracheal tube
 - cricoid pressure if necessary
- apply eye protection to client as required
- check blood and blood products
- assist with extubation and reversal of anesthesia
- assist with transport of the intubated or extubated post-operative patient to post-anesthetic recovery room (PARR) or intensive care unit (ICU)
- restock anesthetic cart

Major Competency Area: **Z**
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Competency: **Z-6**
Perioperative Scrub Role

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-6-1 Demonstrate knowledge and ability to perform duties and responsibilities of the perioperative scrub role including:

- check case cart/supplies
- prepare and maintain efficient sterile set-up/technique
- ensure equipment / instrumentation is available, set up, and in good repair
- complete “safe surgery checklist” prior to incision
- prepare client skin prior to procedure
- drape client for procedure
- assist surgical team with sterile gown and glove
- anticipate needs of surgeon and surgical team
- organize and handle surgical instruments and sutures
- provide instruments and supplies to surgeon and surgical team
- sponge, suction, and retract incision as directed
- observe for break in sterile technique
- assist with reestablishing sterile field
- accurately identify specimens to circulating nurse
- anticipate unexpected or adverse events and respond
- handle and prepare medications and contrasts
- communicate effectively within inter-professional team
- participate in surgical count of instruments and supplies:
 - initial count
 - add to count
 - final count
 - remain “on duty” until incorrect counts are resolved
- assist with skin closure and apply sterile dressing
- verify accuracy of intra-operative case record
- assist with transfer of client from operating room table to stretcher
- assist with transport of the intubated or extubated post-operative patient to post-anesthetic recovery room (PARR) or intensive care unit (ICU)

Major Competency Area: **Z**
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Competency: **Z-7**
Post-Anesthetic Recovery Role

Date: June 1, 2015

A Licensed Practical Nurse will:

Z-7-1 Demonstrate knowledge and ability to receive and manage client in post-anesthetic care unit (PACU):

- perform initial and continuing client assessment including:
 - blood loss
 - drains
 - infusion lines
 - urine output
 - vital signs
 - wound dressings
- monitor sedation and guide client to consciousness
- monitor blood, fluid, medication infusions and draw specimens
- respond to clients questions and personal needs
- medication administration
- change or reinforce wound dressings as necessary
- monitor and manage changes in client condition
- manage post-operative complications
- consult and collaborate with inter-professional team
- determine when client is ready for transfer out of recovery
- complete post-operative checklist and documentation