

## S: Oncology

**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

**S: Oncology**

Competency

**S-1: Oncology Nursing and Interventions**

Competency Statement - A Licensed Practical Nurse will:

**S-1-1 Demonstrate knowledge of pathophysiology, disease progression, and treatment of cancers found across the lifespan:**

- autoimmune
- bone, soft tissue, cutaneous
- brain and central nervous system
- breast
- colorectal
- endocrine
- gastrointestinal
- genito-urinary
- gynecological
- head and neck
- leukemia, lymphoma, myeloma
- lung

**S-1-2 Demonstrate knowledge of the indications, risk factors, and side effects related to:**

- hormone and biotherapy
- chemotherapeutic agents
- combined modalities
- complementary and alternative therapies
- stem cell transplant
- radiation therapy
- surgery (diagnostic and treatment)
- palliation

**S-1-3 Demonstrate knowledge and ability to manage care related to malignant disease progression:**

- signs and etiology of symptoms
- co-morbidities
- complications
- risk factors and genetic predisposition
- prognosis
- acute and chronic physical changes
- surgery (diagnosis/treatment)
- treatment modalities
- treatment side effects
- palliation

**S-1-4 Demonstrate knowledge and ability to apply principles of pharmacokinetics and pharmacodynamics specific to medication management in oncology nursing.**

**S-1-5 Demonstrate knowledge and ability to assist with invasive treatments and procedures associated with oncology nursing.**

**S-1-6 Demonstrate knowledge and ability to assess, monitor, and identify oncologic urgent and emergent events and manage in collaboration with inter-disciplinary team:**

- antidiuretic hormone secretion
- disseminated intravascular coagulation
- hemorrhage
- hypercalcemia
- malignant bowel obstruction
- neoplastic cardiac tamponade
- post-surgical complications
- sepsis or febrile neutropenia
- spinal cord compression
- superior vena cava syndrome
- tumor lysis syndrome

**S-1-7 Demonstrate knowledge and ability to support patient navigation of the healthcare system in collaboration with inter-professional team.**