

S: Oncology

Major Competency Area: **S**
Oncology

Competency: **S-1**
Oncology Nursing

Date: June 1, 2015

A Licensed Practical Nurse will:

- S-1-1 Demonstrate knowledge and ability to apply critical thinking and critical inquiry throughout the nursing process related to oncology.**
- S-1-2 Demonstrate knowledge and understanding of pathophysiology, disease progression, treatment and prognosis of prevalent forms of cancers found in adult client including:**
- autoimmune related
 - bone and soft tissue sarcoma
 - brain and central nervous system
 - breast
 - colorectal
 - cutaneous
 - endocrine
 - gastrointestinal
 - genito-urinary
 - gynecological
 - head and neck
 - leukemia and lymphoma
 - lung
 - myeloma
 - prostate
- S-1-3 Demonstrate knowledge and understanding of pathophysiology, disease progression, treatment and prognosis of prevalent forms of cancers found in pediatric client including:**
- bone and tissue sarcoma
 - brain and central nervous system
 - leukemia and lymphoma
- S-1-4 Demonstrate knowledge and ability to provide health teaching and coaching to client, family and others throughout oncology nursing.**
- S-1-5 Demonstrate knowledge and ability to communicate, consult and collaborate with inter-professional team.**

Major Competency Area: **S**
Oncology

Competency: **S-2**
Oncology Interventions

Date: June 1, 2015

A Licensed Practical Nurse will:

- S-2-1 Demonstrate knowledge and ability to provide evidence informed, client centered care in relation to oncology nursing including:**
- acute and chronic physical changes
 - changes in body image, self-esteem
 - co-morbidities
 - etiology of symptoms
 - holistic health assessment
 - pain assessment and management
 - potential changes in sexual function, intimacy
 - psychosocial, spiritual and cultural needs
 - relevant clinical data
 - self-injection and medication management
 - side effects and complications
 - type of cancer and prognosis
- S-2-2 Demonstrate knowledge and ability to develop a therapeutic relationship with client, family and others in support of ethical, informed decision making and advocacy throughout care.**
- S-2-3 Demonstrate knowledge and ability to manage care related to progression of cancer disease process:**
- clinical presentation (signs and symptoms)
 - co-morbidities
 - complications
 - risk factors/genetic predisposition
 - prognosis
 - palliation
 - surgery (diagnosis/treatment)
 - treatment modalities
 - treatment side-effects
- S-2-4 Demonstrate knowledge and ability to apply principles of pharmacokinetics and pharmacodynamics specific to medication management in oncology nursing.**

A Licensed Practical Nurse will:

S-2-5 Demonstrate knowledge and understanding of indications, mechanism of action, risk factors and side effects related to:

- biotherapy/hormones
- chemotherapeutic agents
- combined modalities
- complementary and alternative therapies
- hematopoietic stem cell transplant
- palliative therapies
- radiation therapy
- surgery (diagnostic/treatment)

S-2-6 Demonstrate knowledge and ability to assist with invasive interventions, treatments and procedures associated with oncological nursing.

S-2-7 Demonstrate knowledge and ability to assess and monitor clinical manifestations/risk factors for oncologic urgent and emergent events including:

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

S-2-8 Demonstrate knowledge and ability to identify and manage oncological urgent and emergent events and collaborate with inter-professional team as necessary.

S-2-9 Demonstrate knowledge and ability to support client to navigate the healthcare system in collaboration with inter-professional team.