Education and Training Academy

**Training Center**

**Course Name: Oncological Emergencies Course**

**Accreditation: Accredited by ANCC**

**COURSE OVERVIEW**

Oncological emergencies are life-threatening complications that might occur during cancer and/or might accompany therapeutic modalities of the malignant diseases. If these complications are diagnosed and treated immediately, which will consequently reduce percentages of cancer morbidity and mortality.

The duration and degree of toxicity depends on the chemotherapy type and dose; it also varies with the site of disease, the presence and extent of bone marrow involvement or any previous bone irradiation. Therefore, this course addresses various structural and metabolic oncologic emergencies that allows participants to develop a deeper knowledge and understanding about the most common oncological emergencies that require quick and decisive action to ensure better outcomes of cancer treatment.

**TARGET AUDIENCE**

Registered nurses and other members of the health care team dealing with oncology patients in the acute care, Outpatient, extended care, rehabilitation and home care settings.

**OBJECTIVES**

*At the end of this 2 days course, participants will be able to:*

• Recognize signs and symptoms of febrile neutropenia and neutropenic sepsis and understand their management.

• Recognize the signs and symptoms of spinal cord compression and understand its management.

• Explain the management of Disseminated Intravascular Coagulation (DIC) in oncology patients.

• Describe signs and symptoms of superior vena cava syndrome and its appropriate management.

• List the laboratory findings diagnostic of Syndrome of Inappropriate Anti-Diuretic Hormone (SIADH).

• Explain risks and management of tumor lysis syndrome.

• Recognize common signs and symptoms of cardiac tamponade.

• Identify management measures for hypercalcemia.

• Identify symptoms of increased intracranial pressure.

• Identify symptoms and management of superior vena cava syndrome.

**TEACHING STRATEGIES**

Teaching methods will be used to assist participants in achieving course objectives include:

• Presentation.

• Independent study.

• Audiovisual aids.

• Case study.

• Discussion (seminar approach).