Education and Training Academy

**Training Center**

**Course Name: Venous Access Device (VAD) Course**

**Accreditation: Accredited by ANCC**

**COURSE OVERVIEW**

Venous access device (VAD) is a critical component of patient care both in hospital and ambulatory patient settings. To be competent in handling VAD access, management, and maintenance, in-depth training is urgently required. The VAD course covers the required skills, and proper techniques of accessing, maintaining and discussing VAD complications. The course is intended for VAD nurses and other nurses working with these devices, to achieve the main goal of maintaining safety for patients receiving VAD based treatment.

**TARGET AUDIENCE**

Nurses working with central venous access device.

**OBJECTIVES**

*At the end of this 5 days course, participants will be able to:*

• Discuss pathophysiology and nursing management of VADs thrombosis.

• Describe the nursing management of VADs chemotherapy extravasations.

• Identify the nursing management of no blood return and flushing resistance.

• List nursing interventions for monitoring and treating access device complications.

• Improve nurses’ competency in dealing with VADs.

• Discuss signs and symptoms of VADs fracture.

• Discuss the types of dressings that can be used for venous access devices.

• Describe complications that can occur with VADs and interventions that can be performed to minimize the complications.

• Describe different types of VADs available, their advantages and disadvantages.

• Discuss the purpose of using of VADs.

• Describe the specific features, maintenance and care of VADs.

• Understand the uses and placement of Hickman lines, portacath, and Peripherally Inserted Central Catheter (PICC) line.

• Understand the advantages and disadvantages of Hickman Lines, portacath, and PICC.

**TEACHING STRATEGIES**

Teaching methods utilized to assist participants in achieving course objectives include:

• Class room presentation.

• Discussion (seminar approach).

• Audiovisuals.

• Demonstration and re-demonstrations.

• Case Study