

**STONY BROOK UNIVERSITY HOSPITAL
GRADUATE MEDICAL EDUCATION
POLICIES AND PROCEDURES**

POLICY: CERTIFICATION FOR THE INSERTION OF CENTRAL VENOUS ACCESS DEVICES

PURPOSE

To establish a policy for the certification for the insertion of Central Venous Access Devices. Central Venous Access Devices (CVAD) – are catheters placed in a blood vessel for the administration of intravenous fluids and drugs and include subcutaneous ports and catheters

POLICY

It is the policy at SBUMC to reduce the risk of intravascular catheter related complications by standardizing the education and practice of personnel certified to perform this procedure.

All residents/fellows involved in central venous access insertions will be appropriately educated and must be supervised by a certified/privileged practitioner (e.g., Attending, Fellow, and Senior Resident) in the procedure until properly certified to perform the procedure independently.

It is recommended that whenever possible the central line be inserted using ultrasound guidance.

PROCEDURES

A. Orientation

- a. All Residents/Fellows involved in central venous access insertions are required to:
 - i. Complete online orientation education, and
 - ii. Obtain a passing grade on the module post test.

B. Standardize certification criteria

- a. All Residents/Fellows not previously certified in central venous access insertions are required to:
 - i. Demonstrate competency in the insertion of CVADs on a simulator prior to allowing insertions in patients.
 - 1. At least one CVAD insertion must be placed using simulation.

2. The Clinical Skills Center will forward the completed evaluation tool to the Medical Staff Office.
 3. Evaluation tool is filed in Resident/Fellow credentials file and a copy is sent to the respective program director.
 4. The program director will certify that the resident may place CVADs in patients under direct supervision of a practitioner certified/privileged to insert CVADs.
 5. This information will be input by the respective program in the New Innovations program.
- ii. Under direct supervision of a certified/privileged practitioner, place a minimum of 5 CVAD insertions prior to certification.
 1. At least 2 insertions must be in the internal jugular and 2 insertions in the subclavian site.
 2. Certified/privileged practitioner documents supervision and competency of Resident/Fellow to insert CVADs using the procedure logger in New Innovations.
 3. When the resident/fellow has successfully completed a minimum of 5 CVAD (2 subclavian and 2 jugular) insertions, the program director is responsible for manually certifying the resident/fellow in New Innovations.
- b. Resident/Fellows certified by a hospital other than SBUH
 - i. Must demonstrate competency in the insertion of at least 1 internal jugular and 1 subclavian site either at the bedside or during simulation.
 - ii. Wherever performed, the supervising practitioner must document the insertion by using the procedure logger in New Innovations.
 - iii. When the resident/fellow has successfully completed 1 internal jugular and 1 subclavian insertions, the program director is responsible for manually certifying the resident/fellow in New Innovations