



## Stony Brook Medicine Graduate Medical Education

<b>Subject:</b> GME0048 Certification for the Insertion of Midline Catheters	<b>Published Date:</b> 11/06/2020
Graduate Medical Education	<b>Next Review Date:</b> 11/06/2023
<b>Scope:</b> SBM Stony Brook Campus	<b>Original Creation Date:</b> 11/06/2020

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### **Responsible Department/Division/Committee:**

Graduate Medical Education Committee

### **Purpose:**

Stony Brook Medicine (SBM) provides education and certification for all residents/fellows involved in the insertion of midline catheters. Integrated vascular surgery residents and vascular surgery fellows are exempt from this policy.

### **Definitions:**

**Single lumen midline catheter** – a peripherally placed long intravenous (10-25 cm in length) catheter with one infusion port

**Double lumen midline catheter** – a peripherally placed long intravenous catheter (10-25 cm in length) with two infusion ports

### **Procedures:**

All midline catheters will be placed under image (ultrasound) guidance via the Seldinger technique. All residents/fellows inserting midline catheters must be supervised by an attending physician OR a resident/fellow currently credentialed to perform the insertion until properly credentialed to perform the procedure without direct supervision.

1. To become credentialed in single lumen midline catheter insertion all residents/fellows must fulfill the following requirements:
  - A) Complete educational module, and upload attestation certificate to New Innovations.
  - B) Demonstrate insertion of 3 single lumen midline catheters under the direct supervision of a certified/privileged practitioner.
  - C) Time out forms with pre and post procedure checklists to be completed per institutional standards.
  - D) The resident/fellow must log all procedures in New Innovations as they are performed and identify the supervising physician.
  - E) The certified/privileged physician must verify competency by electronically signing off on the procedure logged by the resident/fellow.
  - F) Upon notification from GME that the required number of single lumen midline insertions have been completed satisfactorily, the program director or designee will manually certify the resident/fellow in NI for single lumen midline insertion.
  
2. To become credentialed in dual lumen midline catheter insertion all residents/fellows must fulfill the following requirements:
  - A) Complete educational module, and upload attestation certificate to New Innovations.
  - B) Demonstrate insertion of one dual lumen midline catheter in a simulated environment with completion of checklist.
  - C) The completed checklist will be forwarded to GME office and uploaded to New Innovations.
  - D) The GME office will credential the resident/fellow for "dual lumen midline insertion under direct supervision".
  - E) The resident must then demonstrate insertion of 5 dual lumen midline catheters under the direct supervision of a certified/privileged practitioner.
  - F) Time out forms with pre and post procedure checklists to be completed per institutional standards.
  - G) The resident/fellow must log all procedures in New Innovations as they are performed and identify the supervising physician. The

certified/privileged physician must verify competency by electronically signing off on the procedure logged by the resident/fellow.

- H) Upon notification from GME that the required number of midline insertions have been completed satisfactorily, the program director or designee will manually certify the resident/fellow in NI for dual lumen midline insertion.
- I) Upon notification from GME that the required number of midline insertions have been completed satisfactorily, the program director or designee will manually certify the resident/fellow in NI for dual lumen midline insertion.

### 3. Maintenance of single and dual lumen midline catheter certification

- A) To maintain single and/or dual lumen midline certification the resident/fellow must log 2 single lumen and 2 double lumen insertions per year.

#### **Forms: (Ctrl-Click form name to view)**

None

#### **Policy Cross Reference: (Ctrl-Click policy name to view)**

[GME0002 Certification for the Insertion of Central Venous Access Devices](#)

#### **Relevant Standards/Codes/Rules/Regulations/Statutes:**

None

#### **References and Resources:**

None