Stony Brook Medicine
Graduate Medical Education

Subject: GME0048 Certification for the Insertion of Midline Catheters	**Published Date:** 06/13/2024
Graduate Medical Education	**Next Review Date:** 06/13/2027
Scope: SBM Stony Brook Campus	**Original Creation Date:** 11/06/2020

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