**Occlusion:**

**Step 1: Validation – Review Occlusion Data**

Instructions: Review all HMS identified PICC-Occlusion cases for the last 18 months. We encourage you to review additional adult PICC-Occlusion cases at your facility that were not identified via the HMS database (maximum 30 cases).

Question: How many occlusion cases did you review?

Question: What percent of occlusion cases occurred in a PICC which was inserted into the right arm?

Question: What percent of occlusion cases occurred in PICCs with a double or triple lumen catheter?

Question: What percent of occlusion cases occurred in a PICC that had an initial tip confirmation in an appropriate location (lower 1/3 of the SVC, cavoatrial junction, right atrium)?

Question: Where and in what types of patients (unit, level of care, attending physicians) are a majority of your PICC catheter occlusions occurring? (Select all that apply.)

* ICU
* Non-ICU
* Equal ICU and Non-ICU
* Surgical ICU
* Medical ICU
* Neurological ICU
* Trauma/Burn ICU
* Cardiac ICU
* Hospitalist Attending
* Intensivist Attending
* Internal Medicine Attending
* Surgeon Attending
* Hematology-Oncology Attending
* Other Attending

Please select the type of occlusion cases in PICCs you reviewed? (Select all that apply.)

* HMS identified occlusion cases
* Hospital identified occlusion cases

Does your hospital have a policy/procedure stating that the SASH (saline, medication administration, saline, heparin) or SAS (saline, medication administration, saline) method must be utilized for catheter flushes?

* Yes - SASH Method
* YES - SAS Method
* No - Our hospital policy uses another flushing method
* No - Our hospital policy does not specify a flushing method

If your hospital's policy is to use the SAS method, do you only carry PICCs for which the manufacturer specifically does not require heparin locking?

* Yes
* No
* Hospital does not use the SAS method of flushing

If your hospital policy does not require the SAS or SASH Methods of flushing, please explain why? Please detail your hospital's flushing protocol.

Have you implemented any of the following related to vascular access and/or occlusion prevention since you began this step?

* New or Changed Process
* New or Changed Policy
* New Product
* Education
* Other
* None

For each of the changes you made, please provide specifics about what you did and when.