**Line Placement Recommendations for VAMP Jr. Device**

When initiating a HALF-PINT subject, a VAMP Jr. blood conservation device will be placed in an existing line for the purpose of drawing all study-related blood samples. Below are recommendations regarding lines which may be utilized for this purpose. Though these are listed in preferential order, the final determination is to be made by the clinical team, depending on what lines are available for use at the time of randomization.

**Arterial line**

VAMP Jr. may *always* be placed in arterial lines

**CVL**

VAMP Jr. may be placed in a CVL ***IF***:

1. There is a *dedicated port* with *no dextrose* **and**
2. Total line dead space < 1.5mL

**PIV**

VAMP Jr. may be placed in a PIV line ***IF*** neither an arterial or appropriate CVL (see above details) is available

**PICC**

VAMP Jr. may be placed in a PICC line ***IF*** it is > 2.7 French ***AND***neither an arterial line or appropriate CVL (see above details) is available

*Note regarding use of heparin:*

Use of heparin, and use of the line for any other purpose, is left to the discretion of the clinical team caring for the patient.