Vascular Access Algorithm

Order for IV Access

Infusate Requiring Central Venous Access
(e.g., TPN, vasopressors – NOT pH driven)

NO

IV Rx Expected >6d¹
or Frequent Phlebotomy
or Known Hard Stick

YES

Upper Extremity Vein Preservation
or Rx for <14d
or Hemodynamic Monitoring

NO

Four (4) Failed PIV Attempts

YES

Requires Upper Arm Hemodilution

NO

Less Than 96 Hours Planned Rx

YES

PIV*

NO

EDC*

MIDLINE*

CVC*

PICC*

¹Provided no anatomic or other clinical or functional contraindication.

1. To be determined by institution.

CDC and MAGIC study suggest less than or equal to 5 days. Literature suggests >44, as this is the average dwell time a PIVs