Vessel Health and Preservation Protocol
Right Patient Risk Factor Trigger Tool

**Check all that apply. These risk factors indicate referral for a specialist assessment to determine device appropriate device placement. Generate vascular access consult based on checks below.**

Refer patient for vascular access consult (circle) YES NO Referral to:__________________________________

Stage 1: Patient conditions require clinician to use extra care with skin access, vein selection, and catheter size determination.

- Elderly skin/loss of elasticity
- Geriatric
- Lacerations
- Abrasions
- Psoriasis
- Rash or allergies
- Long term steroid use
- Small peripheral veins accommodating 22g or smaller while still allowing 50% space around catheter
- Diabetes
- History of cancer treatment to peripheral veins
- Dehydration or fluid restrictions
- Malnutrition

These conditions are known to commonly require multiple restarts. Any patient requiring 2 or more restarts within 24 hours should automatically be referred to Stage 2 and a vascular access consultation.

Stage 2: Patient conditions require extra care and referral to Vascular Access Specialist for consultation.

- High volume fluid needs - blood/blood by-products, intravenous medications (antibiotics, pain meds, TPN/PP, chemotherapy, inotropes, other types
- Limited peripheral access due to single side mastectomy, chest or neck surgery, amputation of arms, infection, cellulitis, fistula, trauma or injury, burns, hematomas, obesity >250lbs
- Circulatory Status - Stroke, hemiparesis, thrombosis to upper extremity, sign of illegal drug use, elevated INR, fistulas or shunts, severe dehydration or edema/fluid overload
- Previous complications, presence of CVC, frequent IV restarts, history of poor access, hourly blood draws, required central line access in past
- Critical factors/Acuity, life sustaining infusions, inotropes, unstable cardiac status, confirmed MI, arrhythmia, respiratory compromise
- Other conditions requiring special assessment: drug abuse, morbid obesity
- Pediatric patient, less than 8 years old, child with high activity level (Pediatric specialist)

Do not attempt to place device yourself. Refer to Vascular Access Specialist for consultation and placement.

Stage 3: Patient conditions require clinician to refer patient to Interventional Radiology or surgeon for placement of any vascular access device.

- History of radiology access placement
- Renal failure requiring Dialysis catheter Creatinine >2.0
- Upper extremity DVT
- Contra-indication of both extremities
- Unsuccessful PICC attempt
- Bilateral mastectomy/lymph node dissection

Do not attempt to place device yourself. Refer to Interventional Radiology or surgeon for placement.