Peripheral IV Insertion Algorithm
rev 10/2015

Pt Require IV Access?

Is therapy appropriate for PIV?*

No

CVAD/PICC required

Yes

Bedside RN evaluates patient for access. Clinical evaluation of vein access is necessary. Unit RNs can at any point consult Vascular Access/Stat for help. Attempts are not required if Bedside/Unit Expert RNs are not confident in success.

No Vein Identified

Vein Identified

Maximum of 2 total attempts by Unit RNs**

Consult:
PICC team 0700-1700 or STAT 1700-0700

Bedside RN consults Unit based expert

No Vein Identified

PICC/STAT team will evaluate Pt for vascular access need and will consult Physician team if:
Unsuccessful PIV placement (Max 2 attempts)
Or
Pt need for CVAD

If MD wants to place PIV, maximum of 2 TOTAL attempts can be made. (Not 2 attempts per MD. CVAD should be placed if not successful)

* Inappropriate therapy for PIV:
  • TPN
  • > or = 3% Saline
  • Pressors (for greater than 12 hours)
  • Continuous vesicant chemotherapy

** Either bedside RN and/or Unit expert. No more than 2 attempts TOTAL.