

Peripheral IV Insertion Compliance Bundle

1. Match operator skill to vein level assessment
2. Change operator after 2 attempts
3. Wear gloves (PPE)
4. Clip hair (don't shave) if necessary
5. 30 second scrub: 2% chlorhexidine/70% alcohol 70%
6. Air dry one minute
7. No touch after cleaning (or non-contaminated sterile gloves)
8. Maintain all IV ports and connections aseptically

Vein Assessment

VEIN LEVEL

- Level 1:** Visible, easy to palpate, large in size
- Level 2:** Visible, easy to palpate, moderate in size, previous IV site
- Level 3:** Visible, easy to palpate, small size, previous IV site, limited veins (some sclerosed)
- Level 4:** Difficult to see, can be palpated, age > 70, previous therapy has resulted in poor veins
- Level 5:** Vein not visible, cannot be palpated, may require multiple techniques

PHLEBITIS SCALE

- 1+** Pain at Site
- 2+** Pain and redness at Site
- 3+** Pain, redness and swelling at site with palpable cord of less than 7.5 cm
- 4+** Pain, redness and swelling at site with palpable cord of 7.5 cm or greater

Infiltration Scale *DAR if >0

0 No symptoms

1 Skin blanched

Edema < 2.5 cm in any direction

Cool to touch

With or without pain

2 Skin blanched

Edema 2.5 – 15 cm in any direction

Cool to touch

With or without pain

3 Skin blanched, translucent

Gross Edema > 15 cm in any direction

Cool to touch

Mild – moderate pain

Possible numbness

4 Skin blanched, translucent

Skin tight, leaking

Skin discolored, bruised, swollen, gross

edema > 15 cm in any direction

Deep pitting tissue edema

Circulatory impairment

Moderate – severe pain

Infiltration of any amount of blood

product, irritant, vesicant

Lewis et al. 2017. Journal of ICM. Adapted from Society of Infusion Nursing