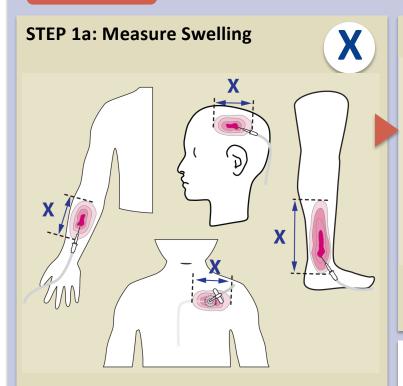
Cincinnati Pediatric Intravenous Extravasation **Assessment System** Children's

Assess Extravasation

Volume



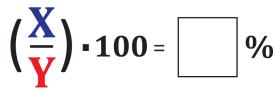
STEP 1b: Measure ARM Length



- Y = Axilla to tip of longest finger
- For Y measure arm length regardless of site of extravasation.
- NEVER measure leg or other body part.
- For patients with casts or limb deficiency, consult vascular access team.
- Arm length Y is just a convenient way to consistently estimate the patient's size. For Y never measure the leg or other body part.

STEP 1c: Calculate

MM



- **Notes:** Define edges of swelling by palpation/visual observation.
 - · Measure longest dimension.

STEP 2:

Assess Extravasated

Medication

Venous Infusion Extravasation Risk

This is an estimate of risk for phlebitis or local tissue injury due to extravasation from any intravenous infusion device. Risk derived from available evidence, CCHMC data and CCHMC expert opinion, subject to review and change as further evidence beco For Treatment of Extravasation, Refer to CCHMC Policy P&T II-112

This does not apply in situations of emergency medical treatment.

If a medication is not on this list, please refer to the CCHMC formulary or contact pharmacy (6-4291) for information

Red

Higher Risk

Amiodarone Caffeine Citrate

Calcium (all salt forms) Dextrose > 12.5% Doxycycline

Esmolol

Mannitol 20% & 25%

Promethazine

Potassium >60 mEq/L Sodium bicarbonate ≥ 3%

Sodium chloride ≥ 3% TPN > 950 mOsm/L

Vasopressors such as Dopamine

Chemotherapy Drugs travasation treatment: fer to policy P&T II-113



Yellow

Intermediate Risk

Acetazolamide Amikacin

Amikacin
Amphotericin B (conventional)
Arginine
Ciprofloxacin
Dextrose 10% to ≤12.5%
Diazepam
Erythromycin
Ganciclovir
Lorazepam

Lorazepam Midazolam

Morphine Ondansetron Nafcillin

Iodine based (CT) Radiology Contrast

Phenobarbital

Green

sium sulfate (bolus)

NOTE:

Reviewed: August 2, 2017

Notes:

- "Extravasated Medication" means medication administered through the IV/CVC during the previous 2 hours, or since the last normal IV/CVC site check, whichever is longer.
- Refer to current Red/Yellow/Green listing (each new version has a different color border, consult latest version)

EXTRAVASATION MEDICATION CODING

R = medication on RED list

Y = medication on YELLOW list

G = medication on GREEN list

F = Fluids only (no medications or potassium)

U = medication Unlisted

N = medication not listed but causing harm similar to a RED drug (this category will rarely be needed)

STEP 3:

Chart immediately: