**Cincinnati Pediatric Intravenous Extravasation Assessment System**

**STEP 1: Volume**

*STEP 1a: Measure Swelling*

- Define edges of swelling by palpation/visual observation.
- Measure longest dimension.

*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.

*STEP 1c: Calculate*

\[
\left( \frac{X}{Y} \right) \times 100 = \% 
\]

**STEP 2: Medication**

Use Current Version of Extravasation Risk Listing

**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)

**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).
- “Gross extravasation, even of normal saline, may result in serious harm including compartment syndrome, causing ischemia and loss of tissue or permanent loss of limb function.”

**STEP 3: Document**

For outside hospitals, use this space to attach your local Documentation requirements.