Handtevy

REFERENCE

WHAT IT IS

- The Handtevy system takes the average weight for a normal-sized child in each age group
- It uses those determinations to build volume-based administration of medications for each age group
- Age-based weight determination allows pre-arrival determination of medication doses
- The weights listed are color coded to match the section of the Broselow tape where they are found
- Cardiac arrest epinephrine 1:10,000 is shown on the original (see Flags)

THE 5 RIGHTS

- Patient
- Medication
- Concentration
- Volume
- Route

WEIGHT: IDEAL, AGE, OR LENGTH

- Ideal or actual body weight for dosing? Most medications are distributed in total body water, not fat
- Recommended: use ideal body weight; use AGE or LENGTH
- NEVER use weight to determine equipment size — always use age or length for equipment

IN THE APP

- Up-to-date medication doses, reference protocols, and resources for specific protocols
- View-only medications list
- CPR time and log; vitals and other charting
- Upload to ESO after completed
- For epinephrine volume: move the decimal point once to the left (as printed on the original)

Take Home Message:

Handtevy turns a child's age into a weight and a weight into a volume — dose by ideal weight, size equipment by age or length.