

# Typical Reconstitution and Verification Process

vs.

## Calibrated Drug Delivery™

### Typical

### Calibrated Drug Delivery™ (CDD)

Correlation and Consolidation

Select the correct medication for injection and patient class

Verify the route of administration for the medication

Select the correct syringe and needle for route of administration

Select the correct diluent for the reconstitution of the medication and for the route of administration

Calculate the correct volume of diluent required for the reconstitution of the medication and route of administration

Draw the diluent into the syringe to the pre-calculated measurement level

Deliver the diluent into medication vial for reconstitution

Calculate the correct dose of reconstituted medication for the patient's weight, BSA, or other dosing unit

Re-verify the calculation and the correct measurement on the syringe

Draw the reconstituted medication into the syringe to the calculated dose indicia

Administer the calculated dose of medication to the patient

**Step 1** **Step 1**

**Step 2**

**Step 3**

**Step 4**

**Step 5**

**Step 6**

**Step 7** **Step 2**

**Step 8** **Step 3**

**Step 9** **Step 4**

**Step 10** **Step 5**

**Step 11** **Step 6**

Select the correct Calibrated Drug Delivery™(CDD) Single Use Injection Kit (SUIK)

Eliminating  
**45%**

of user procedures required for a medicinal injection - during which the most common medical administered errors occur via syringe

Verify CDD kit for correct medication, route of administration and patient class for injection

Draw the diluent into syringe to the pre-calibrated diluent fill line

Deliver the diluent to medication vial for reconstitution

Draw the reconstituted medication into the syringe to the patient weight, BSA or dosing unit indicia

Administer the dose of medication to the patient

5 fewer steps

Preparation and Administration