

(INSERT PRACTICE/LLC NAME)

IV and Injectable Therapy Preparation Procedure

All IV therapy preparation and injectable draw ups will occur in the mixing room (WHICHEVER ROOM YOU WILL BE USING TO MIX IVS AND PREPARING INJECTIONS) once the initial intake and patient evaluation has been complete.

IV access must be obtained prior mixing any IV preparations.

RN, LPN, EMT, or Medical Provider (WHOEVER YOU ARE USING) must wash hands thoroughly with soap and water for 30 seconds.

RN, LPN, EMT, or Medical Provider (WHOEVER YOU ARE USING) must dawn nitrile/latex gloves and wear a mask during the mixing and preparation of IV mixtures.

A mask is not necessary for drawing up injectable treatments.

IV mixtures must be mixed utilizing the hood in the mixing room (IF YOU ARE USING A HOOD) according to manufacture instructions.

(INSERT THE MANUFACTURE INSTRUCTIONS/TUTORIAL INTO THIS SECTION FOR WHICHEVER HOOD YOU PURCHASE)

Once the IV therapy or injectable therapy has been prepared, it must be used within 4 hours (WE RECOMMEND 1-2 HOURS TO REDUCE INFECTION RISK). If it is not used within 4 hours, it must be discarded, and the mixing clinician should document the waste.

IM injections with a volume of up to 1ml can be given in the deltoid. If the injection volumes up to 3ml must be given in the lateral upper gluteal muscle.

SubQ injections should not reach a volume greater than 1ml and can be administered in the abdominal, gluteal, or thigh fat tissue.

Injection preparation procedure:

Multi-dose vials expire 28 days after accessing them. If a new vial is being utilized, the clinician must document on the vial the date that is 28 days out from accessing the new vial.

After this date, the vial must be discarded.

Prior to accessing the multi-dose vial or one time use vial, the top of the vial must be cleansed thoroughly with ETOH.

Utilize an 18g needle attached to a 1-3ml syringe when drawing the medication/vitamins/nutrients from the vial.

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Once the medication/vitamin/nutrient has been drawn, then a 25g needle can be attached for the IM or subQ injection.

Injections should be utilized within 4 hours of drawing them up.

IV preparation procedure:

The majority of the vitamins and nutrients can be injected and mixed into the fluid bags that will be given IV to patients.

Exceptions include:

Ketorolac

Famotidine

Ondansetron

Benadryl

Glutathione

NAD+

Alpha Lipoic Acid

The above nutrients/vitamins/medications must be given IV push either prior to or before the IV infusion and diluted in NS.

All IVs should be mixed in normal saline unless the cocktail recipe specifies otherwise, such as high dose vitamin C that would be mixed in sterile water.

All vitamin/nutrient/mineral/medications vials must be identified appropriately before being accessed to perform an IV mixture. Before drawing up medication from vials:

The expiration date written on the vial must be checked to ensure it is within the 28 day viability window.

The beyond use date should be checked.

The name and concentration of the vitamin/nutrient/medication must be checked on the label and match the ingredient in the order/recipe.

It needs to be determined if the vial is single use or multiple dose use.

Was the vitamin/nutrient/medication store appropriately if needed to be refrigerated?

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The fluid bag expiration date and type of fluid must be checked prior to mixing to ensure the correct fluid is being used per the recipe/order.

Reminder: Sterile water is only used for high dose vitamin C dosing. Normal saline will be used the rest of the time unless stated otherwise.

Prior to accessing the vial or the IV bag, the top of the vial and the access point of the IV must be thoroughly cleansed with an ETOH wipe for at least 5 seconds to ensure sterility. This must be done EVERY TIME they are accessed.

Each vitamin/nutrient/mineral/medication/ingredient should be drawn up in their own syringe and needle.

A new needle and syringe should be used every time a vial is accessed.

The ingredient should be drawn up according to the appropriate dosage per the IV recipe or order and then infused into the IV bag.

Once the mixture is complete, affix a blank sticker to the bag with the following written on it:

Recipe name and types of ingredients in the bag if different from the standard IV recipe.

Type of fluid.

Patient name.

Date and time the IV was mixed.

Once the bag is mixed and the identification sticker is placed on the bag, “bleed” the IV infusion line into the sink/trash bin and ensure there is no air in the line.

DOUBLE CHECK THERE IS NO AIR IN THE LINE BEFORE INFUSION!

Bring the prepared IV bag and tubing into the patient room (unless the line was bled in the infusion room prior to infusion) and begin the infusion.

All IV supplies and medications must be removed from the infusion rooms after completion and disposed into the waste bins.

Dispose of needles and catheters into sharps containers, everything else can be disposed into the regular trash bins.