



COHESIVE HEALTHCARE MANAGEMENT & CONSULTING

Mangum Regional Medical Center

TITLE		POLICY
IV Admixture and IV Admixture Prep Area		DRM-036
MANUAL	EFFECTIVE DATE	REVIEW DATE
Drug Room	10-1-2020	10-1-2020
DEPARTMENT	REFERENCE	
Drug Room	Oklahoma Pharmacy Law Book	

SCOPE

This policy applies to all patients receiving care and treatment at MANGUM REGIONAL MEDICAL CENTER.

PURPOSE

The purpose of this policy is to designate an area for the preparation of intravenous (IV) medications in order to minimize the likelihood of disease transmission and/or IV admixture contamination.

DEFINITIONS

Immediate use IV preparation: the preparation and dispensing of compounded sterile products (CSPs) without the need to be in compliance with USP <797> requirements such as an ISO Class 5 hood or isolator, facility design, environmental controls, personnel cleansing and garbing.

POLICY

The hospital facility shall have a designated area for preparing IV admixtures. This area will be kept clean and free of potential contamination and will be located in the nursing medication room.

PROCEDURE

1. The designated IV admixture prep area is located in the nursing medication room.
2. Eating and drinking are not permitted in the IV admixture preparation area.
3. The IV admixture prep area shall be labeled as a clean area.
 - a. The clean area is to be cleaned with 70% Isopropyl alcohol disposable wipes (e.g., Sani® cloth wipes) or bleach.
 - i. The IV prep area should be cleaned at least daily AND
 - ii. Before and after each use

4. Review the medication order and documented patient allergies prior to preparing an IV admixture.
5. Reconstitute and/or dilute a medication as indicated from a drug library medication reference or a medication packaging insert utilizing aseptic technique.
 - a. Use the metric system for medication calculations if necessary
 - b. Have another licensed personnel check your medication calculations prior to administering to patient.
6. All IV medications shall be prepared in the designated IV admixture prep area utilizing aseptic technique.
 - a. Orienting nursing personnel are to be supervised by a licensed nurse trained in aseptic technique to assure adherence to proper procedures and technique.
 - b. Medications shall be visually inspected for any signs of deterioration or contamination during IV admixture preparation.
7. IV admixtures prepared shall be intended for immediate use only.
 - a. This process involves the simple transfer of no more than 3 commercially available products and not more than 2 entries into any other container/medication intended for IV use.
 - b. Unless required for preparation as outlined in the packaged insert for a specific medication, IV admixture preparation for a medication should not last more than one hour.
8. All IV admixture preparations shall have proper labeling indicating:
 - a. Patient identification information (e.g, patient name, medical record number)
 - b. Name of the medication
 - c. Dose/amount of medication added
 - d. Date and time of IV admixture preparation
 - e. Date and time of IV admixture expiration
 - f. Initials of the licensed nurse responsible for the IV preparation
 - g. The only exception to labeling requirements is if the licensed nurse responsible for the IV preparation is the same nurse who administers the IV preparation to a patient.
9. Nursing personnel shall have reference(s) available to check for the compatibility of IV admixtures prior to administration.
10. If administration is not started within the one hour following the start of IV admixture preparation, the medication admixture should be discarded.
11. All licensed nursing personnel shall complete annual training on IV admixture preparation and on the IV admixture prep area.

REFERENCES

Oklahoma Pharmacy Law Book

<https://www.usp.org/compounding/general-chapter-797>

REVISIONS/UPDATES

Date	Brief Description of Revision/Change

