Gather all materials needed for compounding sterile preparations quickly.

Double-check all calculations and procedures when completed.

Wipe materials with sterile alcohol quickly.

Wash hands if there is a sink available or use hand sanitizer generously on hands.

Put on sterile gloves.

Clean the entry point(s) of the supplies that will be used with a sterile alcohol wipe.

Wipe gloved hands with alcohol intermittently.

Mix and make the low-risk level preparation accurately.

Administer the compounded sterile preparation to the patient.

Label the compounded sterile preparation properly before transferring the preparation to the practitioner, if the preparation is to be given by another person.

Select an area that is quiet and free from traffic flow.

Remove any unnecessary materials and supplies.

Place the ampules, vials, bags, and other containers close to the compounding area.

Clean the area with 70% isopropyl alcohol.

Wash hands; scrub with soap and rinse well.

Wipe the ampules, vials, bags, and other containers with 70% isopropyl alcohol and place in the “clean area.”

Remove the required syringes for making transfers from their packaging aseptically and place in the “clean area.”

Put on sterile gloves.

Clean the entry point(s) of the supplies that will be used with a sterile alcohol wipe.

Select the appropriate syringe, pull back the required amount of air if withdrawing from a vial, insert the needle into the vial, remove the medication from the vial, withdraw the needle from the vial, and insert into the container for administration.

Label properly, with name of patient, names, and amounts of all ingredients, name or initials of the person preparing, and the exact 1-hour beyond-use date, if not immediately administered.

Check all measurements and appropriately discard spent supplies.

Note: Commercial, multiple-dose vials containing a preservative are assigned a 30-day beyond-use date after first entry, unless labeled otherwise by the manufacturer. Place the discard date on the vial after the first entry.