



SAFE USE OF PHARMACY ISOLATORS

GOOD LABORATORY PRACTICE

- Utilize appropriate hand washing and gowning techniques to minimize bacterial contamination.
- Wipers and mops made of polyester knit fabrics are recommended for cleaning and disinfection as they do not lint or shed.
- Wipe in one direction and systematically, from cleanest to least clean regions.
- Do not carry out any cleaning, sanitizing, disinfection or sterilization processes while compounding activities are in progress.

FOR WORK WITH HAZARDOUS DRUGS

- Only use a negative pressure isolator.
- Use a disposable gown made of nonlinting and nonabsorbent material.
- Use two pairs of powder-free, disposable chemotherapy gloves, with the outer one covering the gown cuff.
- Wash hands before donning personal protective clothing and after removing it.
- Clean up spills of hazardous drugs immediately.
- Observe all OSHA, NIOSH, COSHH and/or local safety regulations.

PRE-COMPOUNDING

- Verify the isolator was shut down by the previous user.
- Check the gloves for any breach.
- Turn on the fan and wipe down the work zone of the isolator.
- Allow the air to purge for at least 3 minutes.



ASEPTIC COMPOUNDING

- Plan your work session and materials required.
- Organize the necessary materials for compounding and place them in the pass-thru. Wipe down surfaces of items.
- Allow pass-thru air to purge before opening the inner door.
- In order to maintain air cleanliness in the work zone, both doors should not be opened at the same time.
- Place items in the work zone and wipe down.
- Do not overcrowd the work zone.
- Do not obstruct the air grilles in the work zone of the isolator.
- Verify all items required for the compounding session are in the work zone.

- Use proper aseptic technique.
- Discard sharps in an approved sharps container after use.
- Remove completed products via the pass-thru.
- Label products before logging and delivery to patients.

POST COMPOUNDING

- Thoroughly sanitize the work zone in order to prevent residual compounds from contaminating the next process.
- Shut down the isolator if desired.
- Do not use the isolator as a storage area.

MAINTENANCE

- Isolators should be re-certified by trained technicians once every 6 months (US guidance), at least annually, or when the isolator is relocated.

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