

Sterile Drape Procedures

TXCH Global HOPE



Objectives

By the end of this presentation, the participant should be able to:

- Recall the purpose of a sterile drape
- Demonstrate set up of sterile drape
- Illustrate proper compounding technique within sterile field
- Identify administration requirements for specific medications

Purpose of sterile drape

- Creates a sterile field for medication preparation
 - Medication can then be taken from one sterile environment (the biosafety cabinet) to another (e.g., procedure space, operating room)
- Types of medications where sterile drape is beneficial
 - Intrathecal
 - Intraventricular
 - Intravitreal

Creating a sterile field

- Open individually wrapped sterile drape onto center of IV hood
- Expose **only the bottom** of the sterile drape to the floor of the IV hood to maintain sterility of internal surface

Supplies for Aseptic Preparation

- Use appropriate PPE and aseptic technique to prepare doses as usual, with extra precautions
- Assemble all supplies in the sterile field
- Open individually wrapped sterile red cap and/or syringe and allow it to drop untouched onto sterile drape

Gloving Procedure in the Hood

- Open individually wrapped sterile gloves and place paper wrapped gloves to outside of sterile field
- Unfold wrapping to reveal sterile gloves
- Place sterile gloves over the gloves the preparer is already wearing (chemo or regular gloves) by grabbing the inside cuff to pull on to maintain outer sterility



Compounding Within the Sterile Field

- The final product should be compounded over the sterile field
- For intrathecal doses, transfer the final volume to a slip tip syringe (10 mL preferred) using the double filter process to an appropriate slip tip syringe (see video for details)
- Cap syringe with sterile cap

Prepare Dose for Dispensing

- Label syringe
- Wrap final product in sterile drape
- Placed wrapped syringe in patient envelope and seal envelope

What's Next?

- Watch video
- Complete practice questions
- Review answer fields

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