


Sterile Drape Procedures

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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




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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




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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




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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





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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





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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



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Prepare Dose for Dispensing

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



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What's Next?

- Watch video
- Complete practice questions
- Review answer fields



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