

Infection Preventionist Lunch and Learn

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of HEALTH SERVICES

Series Objectives

- Encourage learning, growth, and networking
- Provide non-regulatory education and information
- Discuss topics relevant to new infection preventionists (IPs)

Safe Injection Practices

Why are they important?



Safe Injection Practices

Aseptic technique

One and only

Single and multi-dose vials

Sharps safety

Aseptic Technique

- Dedicate preparation area
- Perform hand hygiene
- Disinfect rubber septum



One and Only



Always

- Use needles and syringes for only one patient
- Enter vials with a new needle and syringe every time



Never

- Administer medication from the same syringe to multiple patients
- Enter a medication vial with a used syringe or needle

Single-Dose Vials

- Single-dose vials preferred over multi-dose vials
- Access only once
- Do not pool leftover contents
- Discard after use



Multi-Dose Vials

- Use sterile needles and syringes
- Dedicate to one patient if possible
- Store away from treatment area
- Use 28-day modified expiration date once opened
- Discard if sterility is in question

DHS and CDC Project Firstline Fact Sheet

HOW DO I SAFELY USE A MULTI-DOSE VACCINE VIAL?

You vaccinate patients to protect them. Correctly using multi-dose vials keeps your patients safe from germs that can spread from contaminated vials, needles, and syringes.

CHECK THAT YOU ARE USING MULTI-DOSE
VACCINE VIALS SAFELY **EVERY TIME.**

- ✓ Always prepare multi-dose vial injections away from patient care spaces in a clean designated area
- ✓ Clean your hands before touching the vial
- ✓ Check the label to make sure it is a multi-dose vaccine vial
- ✓ Check to make sure the vaccine is **not expired** or **"beyond use"**
- ✓ **Look and see** if the vaccine appears the way the vaccine maker tells you it should
- ✓ Use **brand-new, sterile needles and syringes** for every vaccine dose
- ✓ **Disinfect the top** part of the vial (the vial stopper) with an alcohol prep pad—**every time**
- ✓ Make sure the **top is dry** before sticking the needle in it
- ✓ When you first put a needle in, **write the date and time** on the label
- ✓ Follow the vaccine maker's **instructions for storage**
- ✓ **Never "pool"** doses (combine partial doses from multiple vials to make one dose for a patient)



Sharps Safety

Ensure:

- Proper personal protective equipment (PPE) is worn.
- Safety devices are used.
- Needles are not re-capped.
- Sharps are disposed immediately after use.



Medication Preparation Area

CDC Resources

- [Safe Injection Practices \(standard precautions\)](#)
- [FAQ on Multi-Dose Vials](#)
- [Injection Safety Checklist](#)
- [Audit Tool – Med Area](#)
- [Audit Tool – Portable Med System](#)

Infection Preventionist Starter Kit

IP Starter Kit



HAI Prevention Program Contact Information



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Send your questions and topic suggestions.

Submit your ideas to Ashley O'Keefe at ashley.okeefe@dhs.wisconsin.gov.

