



# **ACIP General Best Practice Guidelines for Immunization – Posting of October 2018 Discussion and Other Updates**

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Advisory Committee on Immunization Practices

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Atlanta, GA

**Background**

# https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html

The screenshot displays the CDC website's ACIP General Best Practice Guidelines for Immunization page. The browser address bar shows the URL: https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html. The page features a dark brown header with the title "Vaccine Recommendations and Guidelines of the ACIP". A left-hand navigation menu lists various sections, with "General Best Practice Guidelines" selected. The main content area includes a breadcrumb trail, a title, social media icons, a "Printer friendly version" link, and sections for "INTRODUCTION", "METHODS", "TIMING AND SPACING OF IMMUNOBIOLOGICS", and "CONTRAINDICATIONS AND PRECAUTIONS". A right-hand sidebar contains a "List of Errata/Updates" link and a "Continuing Education" section with a video, transcript, and CE details link.

**Vaccine Recommendations and Guidelines of the ACIP**

CDC > [ACIP Recs Home](#) > [Comprehensive Recommendations and Guidelines](#)

**General Best Practice Guidelines for Immunization**

[f](#) [t](#) [+](#)

**General Best Practice Guidelines for Immunization**

Kroger AT, Duchin J, Vázquez M

[Printer friendly version](#) [1.05 MB, 191 pages]

**INTRODUCTION**  
Purpose and topics covered in this report...

**METHODS**  
Method of development of: Timing and Spacing, Contraindications and Precautions, Preventing and Managing Adverse Reactions...

**TIMING AND SPACING OF IMMUNOBIOLOGICS**  
Vaccine scheduling, supply and lapsed schedule, spacing of doses, simultaneous and nonsimultaneous administration, licensed combination vaccines, interchangeability of formulations, extra doses, conjugate vaccines...

**CONTRAINDICATIONS AND PRECAUTIONS**

**General Best Practice Guidelines for Immunization**

[List of Errata/Updates](#)

**Continuing Education**

**General Best Practice Guidelines for Immunization**

Video, Transcript, and CE Details: [General Best Practice Guidelines for Immunization course](#)

# General Best Practices: Topics

- Introduction
- Methods
- Timing and spacing of immunobiologics
- Contraindications and precautions
- Preventing and managing adverse reactions
- Reporting adverse events after vaccination
- Vaccine administration
- Storage and handling of immunobiologics
- Altered immunocompetence
- Special situations
- Vaccination records
- Vaccination programs
- Vaccine information sources

# https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html

The screenshot shows a web browser displaying the CDC website. The address bar shows the URL: <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html>. The page title is "Vaccine Recommendations and Guidelines of the ACIP".

The main content area is titled "General Best Practice Guidelines for Immunization" and includes the following sections:

- INTRODUCTION**: Purpose and topics covered in this report...
- METHODS**: Method of development of: Timing and Spacing, Contraindications and Precautions, Preventing and Managing Adverse Reactions...
- TIMING AND SPACING OF IMMUNOBIOLOGICS**: Vaccine scheduling, supply and lapsed schedule, spacing of doses, simultaneous and nonsimultaneous administration, licensed combination vaccines, interchangeability of formulations, extra doses, conjugate vaccines...
- CONTRAINDICATIONS AND PRECAUTIONS**

A blue circle highlights the "Continuing Education" section, which includes a video, transcript, and CE details for the "General Best Practice Guidelines for Immunization course".

The left sidebar contains a navigation menu with the following items:

- ACIP Recs Home
- Vaccine-Specific Recommendations +
- Recs Listed by Date
- Comprehensive Recommendations and Guidelines -
- General Best Practice Guidelines -
- Introduction
- Methods
- Timing and Spacing of Immunobiologics
- Contraindications and Precautions
- Preventing and Managing Adverse Reactions
- Vaccine Administration
- Storage and Handling of Immunobiologics
- Altered Immunocompetence
- Special Situations

The top navigation bar includes the CDC logo, a search bar, and utility icons (home, star, settings, smiley).

# <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html>

The screenshot shows a web browser window with the URL <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html>. The page title is "Vaccine Recommendations and Guidelines of the ACIP". The main content area is titled "General Best Practice Guidelines for Immunization" and includes a "Printer friendly version" link circled in blue. The page also features a sidebar with navigation options and a right-hand column with additional resources.

**ACIP Recs Home** | [CDC > ACIP Recs Home > Comprehensive Recommendations and Guidelines](#)

**Vaccine-Specific Recommendations** +

**Recs Listed by Date**

**Comprehensive Recommendations and Guidelines** -

**General Best Practice Guidelines** (circled in blue)

**Introduction**

**Methods**

**Timing and Spacing of Immunobiologics**

**Contraindications and Precautions**

**Preventing and Managing Adverse Reactions**

**Vaccine Administration**

**Storage and Handling of Immunobiologics**

**Altered Immunocompetence**

**Special Situations**

**General Best Practice Guidelines for Immunization**

[Printer friendly version](#) [1.05 MB, 191 pages]

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**CONTRAINDICATIONS AND PRECAUTIONS**

**General Best Practice Guidelines for Immunization**

[List of Errata/Updates](#)

**Continuing Education**

**General Best Practice Guidelines for Immunization**

Video, Transcript, and CE Details: [General Best Practice Guidelines for Immunization course](#)

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# General Best Practice Guidelines for Immunization

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BEST PRACTICES GUIDANCE OF THE ADVISORY COMMITTEE ON  
IMMUNIZATION PRACTICES (ACIP)

*Ezeanolue E, Harriman K, Hunter P, Kroger A,*

*Pellegrini C*

# https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html



## Vaccine Recommendations and Guidelines of the ACIP

ACIP Recs Home	
Vaccine-Specific Recommendations	+
Recs Listed by Date	
Comprehensive Recommendations and Guidelines	-
<b>General Best Practice Guidelines</b>	-
Introduction	
Methods	
Timing and Spacing of Immunobiologics	
Contraindications and Precautions	
Preventing and Managing Adverse Reactions	
Vaccine Administration	
Storage and Handling of Immunobiologics	
Altered Immunocompetence	
Special Situations	

CDC > ACIP Recs Home > Comprehensive Recommendations and Guidelines

### General Best Practice Guidelines for Immunization



### General Best Practice Guidelines for Immunization

Kroger AT, Duchin J, Vázquez M

[Printer friendly version](#) [1.05 MB, 191 pages]

#### INTRODUCTION

Purpose and topics covered in this report...

#### METHODS

Method of development of: Timing and Spacing, Contraindications and Precautions, Preventing and Managing Adverse Reactions...

#### TIMING AND SPACING OF IMMUNOBIOLOGICS

Vaccine scheduling, supply and lapsed schedule, spacing of doses, simultaneous and nonsimultaneous administration, licensed combination vaccines, interchangeability of formulations, extra doses, conjugate vaccines...

#### CONTRAINDICATIONS AND PRECAUTIONS

### General Best Practice Guidelines for Immunization

[List of Errata/Updates](#)

### Continuing Education



Video, Transcript, and CE Details: [General Best Practice Guidelines for Immunization course](#)



# <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/general-recs-errata.html>

Timing and Spacing of Immunobiologics
Contraindications and Precautions
Preventing and Managing Adverse Reactions
Vaccine Administration
Storage and Handling of Immunobiologics
Altered Immunocompetence
Special Situations
Vaccinations Records
Vaccination Programs
Vaccine Information Sources
Appendix 1: Glossary
Appendix 2: Membership
<b>List of Errata/Updates</b>

## July 8, 2019

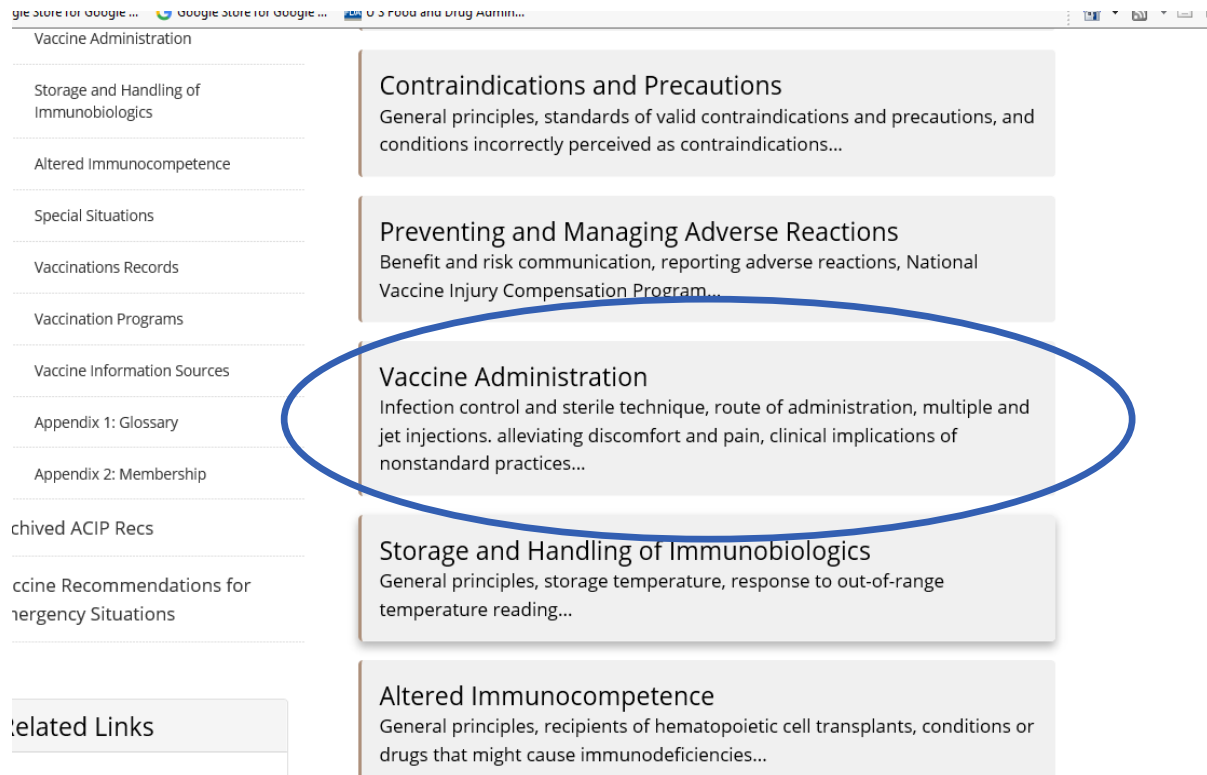
- [PAGE 86](#) [27 pages]  
[Vaccine Administration](#)  
Smallpox vaccine is listed as an exception to the best practice that vaccine must be prepared far away (at a distance) from the patient.

## May 14, 2019

- New CE package approved  
New [Frontmatter](#)  
New [ACIP Membership List](#)  
List of ACIP members, Liaisons, Ex Officios, and General Best Practices Work Group members based on the date of the recent General Best Practices Work Group presentation to the Advisory Committee on Immunization Practice (ACIP) on October 25, 2018.
- [PAGE 7](#) [6 pages]  
[Methods](#)  
Vaccine Administration section has been revised to reflect ACIP presentation on October 25, 2018.
- [PAGE 15](#) [38 pages]  
[Timing and Spacing of Immunobiologics](#)  
Subheading “Simultaneous Administration”  
The guideline to administer PCV13 before MenACWY-D was expanded to include patients with HIV infection.
- [PAGE 27](#) [38 pages]  
[Timing and Spacing of Immunobiologics](#)  
Table 3.1

July 2018
May 2018
October 2017

# <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html>



The image shows a screenshot of the CDC ACIP Recs website. The left sidebar contains a list of navigation links. A blue oval highlights the 'Vaccine Administration' link. The main content area displays several topic cards, each with a title and a brief description. The 'Vaccine Administration' card is also highlighted by the blue oval.

Navigation Link	Topic Card Title	Topic Card Description
Vaccine Administration	Contraindications and Precautions	General principles, standards of valid contraindications and precautions, and conditions incorrectly perceived as contraindications...
Storage and Handling of Immunobiologics	Preventing and Managing Adverse Reactions	Benefit and risk communication, reporting adverse reactions, National Vaccine Injury Compensation Program...
Altered Immunocompetence	Vaccine Administration	Infection control and sterile technique, route of administration, multiple and jet injections. alleviating discomfort and pain, clinical implications of nonstandard practices...
Special Situations	Storage and Handling of Immunobiologics	General principles, storage temperature, response to out-of-range temperature reading...
Vaccinations Records	Altered Immunocompetence	General principles, recipients of hematopoietic cell transplants, conditions or drugs that might cause immunodeficiencies...
Vaccination Programs		
Vaccine Information Sources		
Appendix 1: Glossary		
Appendix 2: Membership		
Archived ACIP Recs		
Vaccine Recommendations for Emergency Situations		
Related Links		

# <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/administration.html>

Emergency situations

## Related Links

[Vaccines & Immunizations](#)

[VFC Resolutions](#)

[ACIP Web Site](#)

[CDC's International Travelers Yellow Book](#)

[Clinical Travel Notices, Updates, and Vaccine Shortages](#)

prefilled syringes also typically must be discarded if not used within the same day that they are filled, vaccine wastage might occur. The FDA does not license administration syringes for vaccine storage.

In certain circumstances in which a single vaccine type is being used (e.g., in preparation for a community influenza vaccination campaign), filling a small number (10 or fewer) of syringes may be considered (5). The doses should be administered as soon as possible after filling, by the same person who filled the syringes. Unused syringes that are prefilled by the manufacturer and activated (i.e., syringe cap removed or needle attached) should be discarded at the end of the clinic day.

## Health Care Provider Exposure to Vaccine Components

Providers are sometimes concerned when they have the same contraindications or precautions as their patients from whom they withhold or defer vaccine. For administration of routinely recommended vaccines, there is no evidence of risk of exposure of vaccine components to the health care provider, so conditions in the provider labeled as contraindications and precautions to a vaccine components are not a reason to withdraw from this function of administering the vaccine to someone else. Historic concerns about exposure to vaccine components are limited to non-parenteral vaccines in which some degree of environmental exposure is unavoidable (5,6), or situations in which self-inoculation is likely due to the nature of the vaccine microbe [e.g. reduced attenuation of smallpox vaccine virus (7)]. Persons administering ACAM 2000 smallpox vaccine to laboratory and health care personnel at risk for occupational exposure to orthopoxviruses can decrease the risk for inadvertent infection through recommended infection prevention measures. However, because of a theoretical risk for infection, vaccination with ACAM2000 can be offered to health care personnel administering this vaccine, provided individual persons have no specified contraindications to vaccination (8).

## Safe Use of Needles and Syringes

Needles and syringes used for vaccine injections must be sterile and disposable. A separate needle and syringe should be used for each injection. Changing needles between drawing vaccine from a vial and injecting it into a recipient is not necessary unless the needle has been damaged or contaminated (9).

**Updates in Past Year (Mar.19 – Feb.20)**

# Updates at <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/general-recs-errata.html>

- Timing and Spacing
  - Two dose series of HPV added to Timing and Spacing interval table
  - HIV added as an indication for which PCV13 and Menactra must be spaced by an interval
- Contraindications and Precautions
  - No need for an interval for an interval between Recombinant Zoster Vaccine and anti-herpes antivirals
  - Yeast acknowledged as a component of PCV13
  - Pregnancy added as a reason not to administer HPV Vaccine (“HPV vaccine is not recommended in pregnancy”)
- Storage and Handling
  - Information about when to repeat doses of vaccine which were later found to be expired

Questions