



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>

Browser address bar: <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 -

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

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General Best Practice Guidelines for Immunization

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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](#)

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>

ACIP General Best Practice ... x cdc.gov

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[Link for Errata/Updates](#)

Continuing Education

General Best Practice Guidelines for Immunization

Significance: Immunization Practice Guidelines for Healthcare Providers, Pharmacists, and Public Health Officials (2019) (Immunization Practice Guidelines, 2019)

Description: The General Best Practice Guidelines for Immunization (2019) update and replace the General Best Practice Guidelines for Immunization (2013). The update includes new information on: 1) Timing and Spacing of Immunobiologics; 2) Contraindications and Precautions; 3) Preventing and Managing Adverse Reactions; 4) Vaccine Administration; 5) Storage and Handling of Immunobiologics; 6) Special Situations; 7) Immunization Programs; 8) Immunization Programs; and 9) Immunization Programs.

Learning Objectives:

1. Identify vaccine contraindications for children and adults.
2. Describe the common vaccine adverse events for children and adults.
3. Describe the common vaccine adverse events for children and adults.
4. Describe the common vaccine adverse events for children and adults.
5. Describe the common vaccine adverse events for children and adults.
6. Describe the common vaccine adverse events for children and adults.
7. Describe the common vaccine adverse events for children and adults.
8. Describe the common vaccine adverse events for children and adults.
9. Describe the common vaccine adverse events for children and adults.

DOI: 10.1186/s12936-019-0200-0

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General Best Practice Guidelines for Immunization

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

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Pellegrini C

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

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<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
List of Errata/Updates

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>

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

<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 (2)]. 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