

COURSE RESOURCES

Epidemiology and Prevention of Vaccine-Preventable Diseases

- ▶ Epidemiology and Prevention of Vaccine-Preventable Diseases (Pink Book) Supplement: www.cdc.gov/vaccines/pubs/pinkbook/supplement.html

Overall Resources

- ▶ Current childhood and adult immunization schedules: www.cdc.gov/vaccines/schedules/index.html
- ▶ CDC Vaccine Schedules App for Health Care Providers: www.cdc.gov/vaccines/schedules/hcp/schedule-app.html
- ▶ Advisory Committee on Immunization Practices (ACIP) recommendations: www.cdc.gov/vaccines/hcp/acip-recs/index.html
- ▶ CDC General Best Practice Guidelines for Immunization: www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html
- ▶ CDC Continuing Education Information: www.cdc.gov/vaccines/ed/ce-credit-how-to.html
- ▶ Health Care Personnel Vaccination Recommendations: www.immunize.org/catg.d/p2017.pdf
- ▶ Pink Book Webinar Series: www.cdc.gov/vaccines/ed/webinar-epv/index.html
- ▶ Vaccines Licensed for Use in the United States Package Inserts: www.fda.gov/BiologicsBloodVaccines/Vaccines/ApprovedProducts/ucm093833.htm
- ▶ You Call the Shots: www.cdc.gov/vaccines/ed/youcalltheshots.html

Course Intro and Objectives

- ▶ What is the Advisory Committee on Immunization Practices (ACIP)?: www.cdc.gov/vaccines/hcp/conversations/downloads/vacsafe-acip-color-office.pdf
- ▶ CDC Immunization Resources for You and Your Patients: www.cdc.gov/vaccines/hcp/admin/downloads/Resource-Booklet.pdf
- ▶ Parents' Guide to Childhood Immunizations: www.cdc.gov/vaccines/parents/tools/parents-guide/index.html
- ▶ Order Information for Free CDC Immunization Materials for Providers and Patients: www.cdc.gov/pubs/CDCInfoOnDemand.aspx

Principles of Vaccination

- ▶ Immune System Research: www.niaid.nih.gov/research/immune-system-research
- ▶ What is the Immune System?: www.vaccines.gov/basics/work/prevention
- ▶ Understanding How Vaccines Work: www.cdc.gov/vaccines/hcp/conversations/downloads/vacsafe-understand-color-office.pdf
- ▶ Vaccines Work: www.vaccines.gov/basics/work/index.html
- ▶ Vaccine Basics: How Vaccines Work: www.vaccineinformation.org/how-vaccines-work/
- ▶ The History of Vaccines: How Vaccines Work: www.historyofvaccines.org/content/how-vaccines-work

General Best Practice Guidelines

- ▶ Ask the Experts-Scheduling Vaccines FAQs: www.immunize.org/askexperts/scheduling-vaccines.asp
- ▶ Ask the Experts-Combination Vaccines FAQs: www.immunize.org/askexperts/experts_combo.asp
- ▶ Ask the Experts-Precautions and Contraindications FAQs: www.immunize.org/askexperts/precautions-contraindications.asp
- ▶ Foreign Language Vaccine-Preventable Disease Terms: www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/B/foreign-products-tables.pdf
- ▶ Guide to Contraindications and Precautions to Commonly Used Vaccines: www.immunize.org/catg.d/p3072a.pdf
- ▶ Guidelines for Vaccinating Pregnant Women: www.cdc.gov/vaccines/pregnancy/hcp/guidelines.html
- ▶ IDSA 2013 Clinical Practice Guideline for Vaccination of the Immunocompromised Host: www.idsociety.org/Guidelines/Patient_Care/IDSA_Practice_Guidelines/Vaccination_of_the_Immunocompromised_Host/
- ▶ Interval Between Antibody-Containing Products and Measles- and Varicella-Containing Vaccines: www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/a/mmr_ig.pdf



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General Best Practice Guidelines

- ▶ Medical Management of Vaccine Reactions in Adult Patients: www.immunize.org/catg.d/p3082.pdf
- ▶ Medical Management of Vaccine Reactions in Children and Teens: www.immunize.org/catg.d/p3082a.pdf
- ▶ Minimum Intervals and Ages (Table 3-1): www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html
- ▶ Screening Forms for Contraindications and Precautions: www.immunize.org/handouts/screening-vaccines.asp

Vaccine Safety

- ▶ Ask the Experts-Vaccine Safety FAQs: www.immunize.org/askexperts/vaccine-safety.asp
- ▶ Autism Speaks: www.autismspeaks.org/
- ▶ Clinical Immunization Safety Assessment (CISA) Project: www.cdc.gov/vaccinesafety/ensuringsafety/monitoring/cisa/index.html
- ▶ Vaccine Ingredients Fact Sheet: www.cdc.gov/vaccines/vac-gen/additives.htm
- ▶ Common Vaccine Safety Concerns: www.cdc.gov/vaccinesafety/Concerns/Index.html
- ▶ National Academies of Medicine:
 - Adverse Effects of Vaccines: Evidence and Causality nationalacademies.org/HMD/Reports/2011/Adverse-Effects-of-Vaccines-Evidence-and-Causality.aspx
 - Childhood Immunization Schedule and Safety nationalacademies.org/hmd/~media/Files/Report%20Files/2013/Childhood-Immunization-Schedule/ChildhoodImmunizationScheduleandSafety_RB.pdf
- ▶ Understanding Thimerosal, Mercury, and Vaccine Safety: www.cdc.gov/vaccines/hcp/patient-ed/conversations/downloads/vacsafe-thimerosal-color-office.pdf
- ▶ Vaccine Excipient and Media Summary: www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/B/excipient-table-2.pdf
- ▶ National Vaccine Injury Compensation Program: www.hrsa.gov/vaccine-compensation/index.html
- ▶ Vaccine Injury Compensation Tables: www.cdc.gov/vaccines/pubs/pinkbook/downloads/appendices/d/injury-table.pdf
- ▶ Vaccine Information Statements (VISs): www.cdc.gov/vaccines/hcp/vis/index.html
 - Facts about VISs: www.cdc.gov/vaccines/hcp/vis/about/facts-vis.html
 - Foreign Language Translations: www.immunize.org/vis/
 - Frequently Asked Questions: www.cdc.gov/vaccines/hcp/vis/about/vis-faqs.html
 - Instructions for Use: www.cdc.gov/vaccines/hcp/vis/about/required-use-instructions.html
- ▶ Vaccines and Autism: media.chop.edu/data/files/pdfs/vaccine-education-center-autism.pdf
- ▶ Vaccines Do Not Cause Autism: www.cdc.gov/vaccinesafety/concerns/autism.html
- ▶ Vaccine Adverse Event Reporting System (VAERS): vaers.hhs.gov/

Talking About Vaccines

- ▶ AAP Immunizations-Communication with Families: www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/immunizations/Pages/Communicating-with-Families.aspx
- ▶ Adult Vaccination Education Materials: www.adultvaccination.org/
- ▶ CDC Provider Resources for Vaccine Conversations with Parents: www.cdc.gov/vaccines/hcp/conversations/index.html
- ▶ CDC Vaccine Resources to Share with Parents (English and Spanish): www.cdc.gov/vaccines/hcp/conversations/resources-parents.html
- ▶ Children's Hospital of Philadelphia Vaccine Education Center: www.chop.edu/centers-programs/vaccine-education-center
- ▶ Questions about Vaccines?: www.vaccinateyourfamily.org/questions-about-vaccines/

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Vaccine Storage and Handling/Vaccine Administration

Storage and Handling

- ▶ Ask the Experts-Vaccine Storage FAQs: www.immunize.org/askexperts/storage-handling.asp
- ▶ CDC Vaccine Storage and Handling Toolkit: www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html
- ▶ Do Not Turn Off Circuit Breaker: www.immunize.org/catg.d/p2091.pdf
- ▶ Do Not Unplug Sign: www.immunize.org/catg.d/p2090.pdf
- ▶ Immunization Action Coalition Storing Vaccines–Clinic Resources: www.immunize.org/handouts/vaccine-storage-handling.asp
- ▶ Packing Vaccines for Transport during Emergencies: www.cdc.gov/vaccines/recs/storage/downloads/emergency-transport.pdf
- ▶ Provider’s Role–Importance of Vaccine Administration and Vaccine Storage and Handling: www.cdc.gov/vaccines/hcp/admin/storage/providers-role-vacc-admin-storage.html
- ▶ Tools to Assist Satellite, Temporary, and Off-Site Vaccination Clinics: www.izsummitpartners.org/naisi-work-groups/influenza-workgroup/off-site-clinic-resources/
- ▶ Vaccine Labels to Organize a Storage Unit
 - Routinely Recommended Vaccines: www.cdc.gov/vaccines/hcp/admin/storage/guide/vaccine-storage-labels.pdf
 - Influenza: www.cdc.gov/vaccines/hcp/admin/storage/guide/vaccine-storage-labels-flu.pdf
- ▶ Storage Unit Temperature Logs: www.immunize.org/handouts/vaccine-storage-handling.asp
- ▶ Vaccine Storage Troubleshooting Record: www.immunize.org/catg.d/p3041.pdf
- ▶ Vaccines with Diluents: How to Use Them: www.immunize.org/catg.d/p3040.pdf

Vaccine Administration

- ▶ Ask the Experts-Vaccine Administration FAQs: www.immunize.org/askexperts/administering-vaccines.asp
- ▶ Ask the Experts-Documentation FAQs: www.immunize.org/askexperts/documenting-vaccination.asp
- ▶ CDC Vaccine Administration Resources: www.cdc.gov/vaccines/hcp/admin/admin-protocols.html
- ▶ CDC Vaccine Administration Videos: www.cdc.gov/vaccines/hcp/admin/resource-library.html
- ▶ CDC Injection Safety Information for Providers: www.cdc.gov/injectionsafety/providers.html
- ▶ Immunization Action Coalition Administering Vaccines–Clinic Resources: www.immunize.org/handouts/administering-vaccines.asp
- ▶ One and Only Campaign materials: www.oneandonlycampaign.org/
- ▶ Reducing Vaccine Injection Pain in Children–A Guide for Health Care Providers: www.sickkids.ca/pdfs/Learning/32833CMAJ%20HELPinKIDS%202010%20Appendix%20%20clinician%20tool.pdf
- ▶ Skills Checklist for Vaccine Administration: www.immunize.org/catg.d/p7010.pdf
- ▶ 10 Steps to Implementing Standing Orders for Immunization in Your Practice Setting: www.immunize.org/catg.d/p3067.pdf
- ▶ Using Standing Orders for Administering Vaccines–What You Should Know: www.immunize.org/catg.d/p3066.pdf
- ▶ You Call the Shots–Know the Site Get It Right: www.cdc.gov/vaccines/hcp/infographics/call-the-shots.pdf

Combination Vaccines

- ▶ Ask the Experts-Combination Vaccines FAQs: www.immunize.org/askexperts/experts_combo.asp

Diphtheria-, Tetanus-, and Pertussis-Containing Vaccines

- ▶ Ask the Experts-DTaP/DT/Tdap/Td FAQs: www.immunize.org/askexperts/experts_per.asp
- ▶ CDC Diphtheria Disease and Vaccination: www.cdc.gov/diphtheria/index.html
- ▶ CDC Pertussis Disease and Vaccination: www.cdc.gov/pertussis/index.html
- ▶ CDC Tetanus Disease and Vaccination: www.cdc.gov/tetanus/index.html

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Diphtheria-, Tetanus-, and Pertussis-Containing Vaccines

- ▶ DTaP/DT Catch-Up Guidance for Children 4 Months through 6 Years of Age: www.cdc.gov/vaccines/schedules/downloads/child/job-aids/dtap.pdf
- ▶ Tdap/Td Catch-Up Guidance for Children 7 through 18 Years of Age: www.cdc.gov/vaccines/schedules/downloads/child/job-aids/tdap.pdf
- ▶ Making a Strong Vaccine Referral to Pregnant Women: www.cdc.gov/pertussis/downloads/fs-hcp-tdap-vaccine-referral.pdf
- ▶ Pregnancy and Whooping Cough: www.cdc.gov/pertussis/pregnant/hcp/index.html
- ▶ Provide the Best Prenatal Care to Prevent Pertussis: www.cdc.gov/pertussis/downloads/fs-hcp-provide-prenatal-care.pdf
- ▶ Standing Orders for DTaP: www.immunize.org/catg.d/p3073.pdf
- ▶ Standing Orders for Tdap:
 - Adults: www.immunize.org/catg.d/p3078.pdf
 - Children and Teens: www.immunize.org/catg.d/p3078a.pdf
 - Pregnant Women: www.immunize.org/catg.d/p3078b.pdf
- ▶ Whooping Cough and the Vaccine (Shot) to Prevent It: www.cdc.gov/vaccines/parents/diseases/child/pertussis-basics-color.pdf

Haemophilus influenzae Type b

- ▶ Ask the Experts-Hib FAQs: www.immunize.org/askexperts/experts_hib.asp
- ▶ CDC Catch-Up Guidance for Healthy Children 4 Months through 5 Years of Age for Hib Vaccine:
 - ActHIB, Pentacel, Hiberix, or Unknown: www.cdc.gov/vaccines/schedules/downloads/child/job-aids/hib-actHib.pdf
 - PedvaxHIB: www.cdc.gov/vaccines/schedules/downloads/child/job-aids/hib-pedvax.pdf
- ▶ CDC Haemophilus influenzae Type b Disease and Vaccination: www.cdc.gov/hi-disease/index.html
- ▶ Standing Orders for Hib Vaccine:
 - Children: www.immunize.org/catg.d/p3083a.pdf
 - Adults: www.immunize.org/catg.d/p3083.pdf

Hepatitis A

- ▶ Ask the Experts-Hepatitis A FAQs: www.immunize.org/askexperts/experts_hepa.asp
- ▶ CDC Hepatitis A Disease: www.cdc.gov/hepatitis/hav/index.htm
- ▶ CDC Hepatitis A Vaccination: www.cdc.gov/vaccines/vpd/hepa/hcp/index.html
- ▶ Standing Orders for Administering Hepatitis A Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3077a.pdf
 - Adults: www.immunize.org/catg.d/p3077.pdf

Hepatitis B

- ▶ Ask the Experts-Hepatitis B FAQs: www.immunize.org/askexperts/experts_hepb.asp
- ▶ CDC Viral Hepatitis-Hepatitis B Information: www.cdc.gov/hepatitis/hbv/index.htm
- ▶ CDC Hepatitis B Vaccination: www.cdc.gov/vaccines/vpd/hepb/index.html
- ▶ Hepatitis B and the Vaccine (Shot) to Prevent It-Information for Parents: www.cdc.gov/vaccines/parents/diseases/child/hepB-basics-color.pdf
- ▶ Hepatitis B Facts-Testing and Vaccination: www.immunize.org/catg.d/p2110.pdf
- ▶ Hepatitis B and Health Care Personnel-FAQs: www.immunize.org/catg.d/p2109.pdf
- ▶ Infection Prevention during Blood Glucose Monitoring and Insulin Administration: www.cdc.gov/injectionsafety/blood-glucose-monitoring.html
- ▶ Preexposure Evaluation for Health Care Personnel Previously Vaccinated with Complete ≥ 3 -Dose HepB Vaccine Series Who Have Not Had Postvaccination Serologic Testing (Figure 3): www.cdc.gov/mmwr/volumes/67/rr/pdfs/rr6701-H.pdf

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Hepatitis B

- ▶ Preexposure Management for Health Care Personnel with a Documented Series Who Have Not had Postvaccination Serologic Testing: www.immunize.org/catg.d/p2108.pdf
- ▶ Standing Orders for Administering Hepatitis B Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3076a.pdf
 - Adults: www.immunize.org/catg.d/p3076.pdf

Human Papillomavirus

- ▶ Ask the Experts-HPV FAQs: www.immunize.org/askexperts/experts_hpv.asp
- ▶ CDC HPV Disease and Vaccination: www.cdc.gov/hpv/hcp/index.html
- ▶ CDC HPV Vaccine Schedule Decision Tree: www.cdc.gov/hpv/downloads/hpv-2-dose-decision-tree.pdf
- ▶ HPV and Cancer: www.cdc.gov/cancer/hpv/index.htm
- ▶ Talking to Parents about HPV Vaccine: www.cdc.gov/hpv/hcp/for-hcp-tipsheet-hpv.pdf
- ▶ National HPV Vaccination Roundtable Resource Library: hpvroundtable.org/resource-library/
- ▶ Standing Orders for Administering HPV Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3090.pdf
 - Adults: www.immunize.org/catg.d/p3091.pdf

Influenza

- ▶ Ask the Experts-Influenza FAQs: www.immunize.org/askexperts/experts_inf.asp
- ▶ CDC Influenza Disease: www.cdc.gov/flu/professionals/index.htm
- ▶ CDC Seasonal Influenza Vaccination Resources website: www.cdc.gov/flu/professionals/vaccination/index.htm
- ▶ CDC Influenza Vaccine Administration FAQs: www.cdc.gov/flu/about/qa/vaxadmin.htm
- ▶ Standing Orders for Administering Influenza Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3074a.pdf
 - Adults: www.immunize.org/catg.d/p3074.pdf

Measles, Mumps, Rubella

- ▶ Ask the Experts-MMR FAQs: www.immunize.org/askexperts/experts_mmr.asp
- ▶ CDC Measles Disease: www.cdc.gov/measles/hcp/index.html
- ▶ CDC Mumps Disease: www.cdc.gov/mumps/hcp.html
- ▶ CDC Rubella Disease: www.cdc.gov/rubella/index.html
- ▶ CDC MMR Vaccination: www.cdc.gov/vaccines/vpd/mmr/hcp/index.html
- ▶ Standing Orders for Administering MMR Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3079a.pdf
 - Adults: www.immunize.org/catg.d/p3079.pdf
- ▶ MMRV and Febrile Seizures: www.cdc.gov/vaccinesafety/vaccines/mmr/mmr-febrile-seizures.html

Meningococcal

- ▶ Ask the Experts-Meningococcal ACWY FAQs: www.immunize.org/askexperts/experts_meningococcal_acwy.asp
- ▶ Ask the Experts-Meningococcal B FAQs: www.immunize.org/askexperts/experts_meningococcal_b.asp
- ▶ CDC Meningococcal Disease: www.cdc.gov/meningococcal/index.html
- ▶ CDC Meningococcal Vaccines: www.cdc.gov/vaccines/vpd/mening/index.html
- ▶ Meningococcal ACWY Vaccine Recommendations by Age and Risk Factor: www.immunize.org/catg.d/p2018.pdf
- ▶ Meningococcal B Vaccine Recommendations by Age and Risk Factor: www.immunize.org/catg.d/p2035.pdf
- ▶ Standing Orders for Administering Meningococcal ACWY Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3081a.pdf
 - Adults: www.immunize.org/catg.d/p3081.pdf
- ▶ Standing Orders for Administering Meningococcal B Vaccine:
 - Adolescents and Adults: www.immunize.org/catg.d/p3095.pdf

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Pneumococcal

- ▶ Ask the Experts-Pneumococcal FAQs: www.immunize.org/askexperts/experts_pneumococcal_vaccines.asp
- ▶ CDC Catch-Up Guidance for Healthy Children 4 Months through 4 Years of Age for Pneumococcal Conjugate Vaccine: www.cdc.gov/vaccines/schedules/downloads/child/job-aids/pneumococcal.pdf
- ▶ PneumoRecs VaxAdvisor Mobile App for Vaccine Providers: www.cdc.gov/vaccines/vpd/pneumo/hcp/pneumoapp.html
- ▶ CDC Pneumococcal Disease and Vaccination: www.cdc.gov/pneumococcal/index.html
- ▶ CDC Pneumococcal Vaccine Timing For Adults: www.cdc.gov/vaccines/vpd/pneumo/downloads/pneumo-vaccine-timing.pdf
- ▶ Pneumococcal Vaccination Recommendations for Children and Adults by Age and/or Risk Factor: www.immunize.org/catg.d/p2019.pdf
- ▶ Standing Orders for Administering Pneumococcal Vaccines:
 - Children and Teens (PCV13): www.immunize.org/catg.d/p3086.pdf
 - Children and Teens (PPSV23): www.immunize.org/catg.d/p3075a.pdf
 - Adults (PCV13 and PPSV23): www.immunize.org/catg.d/p3075.pdf

Polio

- ▶ Ask the Experts-Polio FAQs: www.immunize.org/askexperts/experts_pol.asp
- ▶ CDC Polio Vaccination: www.cdc.gov/vaccines/vpd/polio/index.html
- ▶ Global Health: Polio Eradication: www.cdc.gov/polio/
- ▶ Polio Global Eradication Initiative: polioeradication.org/
- ▶ Standing Orders for Administering Polio Vaccine: www.immunize.org/catg.d/p3071.pdf

Rotavirus

- ▶ Ask the Experts-Rotavirus FAQs: www.immunize.org/askexperts/experts_rota.asp
- ▶ CDC Rotavirus Disease and Vaccination: www.cdc.gov/rotavirus/index.html
- ▶ Questions and Answers-Rotavirus What You Should Know: media.chop.edu/data/files/pdfs/vaccine-education-center-rotavirus.pdf
- ▶ Standing Orders for Administering Rotavirus Vaccine: www.immunize.org/catg.d/p3087.pdf

Varicella

- ▶ Ask the Experts-Varicella FAQs: www.immunize.org/askexperts/experts_var.asp
- ▶ CDC Varicella Disease and Vaccination: www.cdc.gov/chickenpox/hcp/index.html
- ▶ Chickenpox Infographic: www.cdc.gov/chickenpox/vaccine-infographic.html
- ▶ Standing Orders for Administering Varicella Vaccine:
 - Children and Teens: www.immunize.org/catg.d/p3080a.pdf
 - Adults: www.immunize.org/catg.d/p3080.pdf

Zoster

- ▶ Ask the Experts-Zoster FAQs: www.immunize.org/askexperts/experts_zos.asp
- ▶ CDC Zoster Disease: www.cdc.gov/shingles/about/index.html
- ▶ CDC Zoster Vaccination: www.cdc.gov/vaccines/vpd/shingles/hcp/index.html
- ▶ Shingrix Fact Sheet: www.cdc.gov/shingles/downloads/shingles-factsheet-hcp.pdf
- ▶ Standing Orders for Administering Zoster Vaccine: www.immunize.org/catg.d/p3092.pdf