

Key Vaccination Resources for Healthcare Professionals

With so many vaccination training materials available, it can be difficult for providers to determine which ones best suit their needs. The key resources listed below provide a strong foundation for building and sustaining vaccination skills. They also offer tools for staying up to date and references to address specific clinical situations.

The key resources shown below are divided into several helpful categories:

- 1 **Foundational content** with which every vaccinator should be familiar,
- 2 **Supplemental content** useful after completing foundational training,
- 3 **Additional tools** to help providers grow in vaccination expertise, and
- 4 **Major organization websites** offering additional vaccination resources.

Acronym list appears at end of document

1 Foundational Content for All Vaccinators

RESOURCE, DESCRIPTION, HYPERLINK	SOURCE	CONTENT
<p>ACIP's General Best Practice Guidelines for Immunization (revised regularly)</p> <p>Previously known as <i>General Recommendations</i>. Components include: Timing and spacing of vaccines, contraindications and precautions, preventing and managing adverse events, vaccine administration, storage and handling, altered immunocompetence, vaccination records, and more. (HTML or PDF, 190+ pages)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/hcp/acip-recs/general-recs ▶ UPDATES: www.cdc.gov/vaccines/hcp/acip-recs/general-recs/general-recs-errata.html 	CDC	Schedules Storage Screening Technique
<p>U.S. Recommended Immunization Schedules (revised annually)</p> <p>U.S. immunization schedules for children/adolescents and adults in various formats, as well as easy-to-read versions for the public. Corresponding app available for iOS or Android. (PDF)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/schedules/hcp/imz/child-adolescent.html ▶ www.cdc.gov/vaccines/schedules/hcp/imz/adult.html 	CDC	Schedules
<p>CDC's Recommended and Minimum Ages and Intervals Between Vaccine Doses</p> <p>Scroll down to Table 3.2. Easy-to-read table showing ages and intervals. (HTML or PDF)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/hcp/acip-recs/general-recs/timing.html#t-02 	CDC	Schedules
<p>CDC's Vaccine Information Statements (VISs) and translations into 45+ languages</p> <p>Immunize.org's VIS main page includes links to each VIS in English, plus translations in up to 45+ languages, chart of current VIS dates. (PDF)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/hcp/vis/index.html ▶ www.immunize.org/vis ▶ www.immunize.org/vis-translations 	CDC Immunize.org	Dialogue

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<p>Clinical Resources: Administering Vaccines</p> <p>Gateway to practical, user-friendly educational materials for staff: free print-ready documents covering site selection, needle length, skills checklist, and more. (PDF)</p> <p>▶ www.immunize.org/clinical/topic/admin-vaccines/</p>	Immunize.org	Technique
<p>CDC's Vaccine Administration Main Page</p> <p>Offers step-by-step guidance on administering vaccines, reviewing patient histories, documentation, plus self-paced vaccine-administration course (CE credit). (variously PDF or HTML, plus video)</p> <p>▶ www.cdc.gov/vaccines/hcp/admin/admin-protocols.html. Instructional videos appear in the Resource Library section at the bottom of this web page.</p>	CDC	Technique
<p>IZ Express, free email news service (published Wednesdays)</p> <p>Provides current information you need to know. Stay up to date on product approvals, recommendations, revised VISs and translations, new resources from Immunize.org and other organizations, new publications, conferences, and CE opportunities. Subscribe at www.immunize.org/subscribe. (Email and HTML)</p> <p>▶ www.immunize.org/express</p>	Immunize.org	News
<p>Immunize.org: Clinical Resources A–Z</p> <p>Main web pages lead to dozens of categories of Immunize.org's educational materials, including vaccination schedules, handouts for parents, screening checklists, standing orders, and resources on vaccine storage and handling, adolescent and adult vaccination topics, improving vaccine confidence, and managing fever/pain. (PDF)</p> <p>▶ www.immunize.org/handouts</p>	Immunize.org	Vaccines Diseases Schedules Technique Storage
<p>Ask the Experts – Immunize.org's experienced clinical experts answer vaccine questions</p> <p>More than 1,300 practical answers to common questions in dozens of categories, covering vaccine administration, precautions and contraindications, scheduling vaccines, storage and handling, vaccine recommendations, and vaccine safety. (HTML)</p> <p>▶ www.immunize.org/ask-experts/</p>	Immunize.org	Vaccines Diseases Schedules Storage Screening
<p>State, City, Jurisdiction, or IHS Immunization Program Contacts</p> <p>Immunization Program Website & immunization requirements for childcare, school, college:</p> <p>▶ www.immunize.org/immunize.org/states</p> <p>Program Coordinators:</p> <p>▶ www.immunize.org/coordinators</p> <p>Immunization Information Systems (IIS) and vaccination records:</p> <p>▶ www.cdc.gov/vaccines/programs/iis/contacts-locate-records.html</p>	Immunize.org CDC	Advice

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2 Important Supplemental Content, Rationale, and Applied Clinical Guidance (valuable after foundational training)

RESOURCE, DESCRIPTION, HYPERLINK	SOURCE	CONTENT
<p>ACIP Recommendations main page</p> <p>Links to dozens of current ACIP recommendations. Each recommendation explains the epidemiology and disease burden being addressed, data and rationale to support the recommendation, as well as the recommended immunization schedule, contraindications, and special circumstances. (HTML and PDF)</p> <p>▶ www.immunize.org/official-guidance/cdc/acip-recs/vaccines/</p>	CDC Immunize.org	Vaccines Diseases Screening
<p>Immunization Techniques: Best Practices with Infants, Children, and Adults (2010)</p> <p>California Department of Public Health 25-minute training video on skills for vaccine administration. Covers injectable, oral, and nasal vaccines; selecting, preparing, and administering vaccines; patient comfort, staff safety and training; demonstrations. (DVD)</p> <p>▶ www.youtube.com/watch?v=WsZ6NEijfl&feature=youtu.be ▶ www.immunize.org/dvd (\$17 for one, volume discounts available)</p>	EZIZ Immunize.org	Technique
<p>CHOP VEC's Vaccine- and Vaccine Safety-Related Q&A Sheets for Parents</p> <p>From Children's Hospital of Philadelphia's Vaccine Education Center, links to dozens of Q&A sheets about vaccines and vaccine safety topics (e.g., vaccine ingredients, autism, "too many" vaccines). Available in English and Spanish. (PDF)</p> <p>▶ www.chop.edu/centers-programs/vaccine-education-center/resources/vaccine-and-vaccine-safety-related-qa-sheets</p>	CHOP VEC	Dialogue
<p>CDC's You Call the Shots web-based training course</p> <p>A series of modules that discuss diseases and vaccine recommendations. Each module provides self-test questions, resource materials, glossary, and CE credit. (Online course – slide-based, interactive, no audio)</p> <p>▶ www.cdc.gov/vaccines/ed/youcalltheshots.html</p>	CDC	Vaccines Diseases Technique Storage
<p>CDC's Vaccine Storage and Handling Toolkit</p> <p>Best practices for managing inventory and transport; storing and preparing; monitoring temperature; maintaining storage and temperature-monitoring equipment; preparing for emergency situations; standard operating procedures for routine and emergency management. (PDF, 70 pages)</p> <p>▶ www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html</p>	CDC	Storage
<p>CDC's Vaccines and Immunizations for Healthcare Professionals home page</p> <p>Gateway to clinical resources, administration tools, training, patient education, and more. (variously PDF or HTML, plus videos and slides)</p> <p>▶ www.cdc.gov/vaccines/hcp/index.html</p>	CDC	Vaccines Diseases Dialogue Screening

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<p>CDC's <i>Epidemiology and Prevention of Vaccine-Preventable Diseases</i> – "The Pink Book"</p>	CDC	Vaccines Diseases Schedules Technique Storage
<p>Information on each routine vaccine and diseases they prevent; chapters on vaccination principles, general recommendations, safety, storage and handling, and administration. (Book: HTML or PDF, 500+ pages. Free online or \$50 plus shipping for soft-bound edition. Webinar series available online.)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/pubs/pinkbook/index.html ▶ www.cdc.gov/vaccines/ed/webinar-epv/index.html 		
<p>Immunize.org's <i>Vaccinating Adults: A Step-By-Step Guide</i> (October 2017)</p>	Immunize.org	Workflow Screening Technique Storage
<p>Downloadable guidebook on adult immunization, providing how-to information to help providers enhance or implement adult immunization services in any clinical setting. Most information in the <i>Guide</i> is relevant today. Note that some vaccine recommendations and billing information is out of date. (Book: PDF, 140+ pages)</p> <ul style="list-style-type: none"> ▶ www.immunize.org/about/history/pub-archives/adult-guide/ 		

3 References and Additional Ways to Grow in Vaccine Expertise

RESOURCE, DESCRIPTION, HYPERLINK	SOURCE	CONTENT
<p>Package Inserts (i.e., prescribing information) for each FDA-licensed vaccine</p> <p>Links to each FDA-licensed vaccine's current prescribing information, either at manufacturer's website or FDA website. (PDF, dozens of product groups)</p> <ul style="list-style-type: none"> ▶ www.immunize.org/packageinserts 	Immunize.org	Reference
<p>CDC Immunization Education and Training Offerings</p> <p>Various archived webcasts and other self-paced learning modules, some with CE credit. (variously PDF or HTML, plus video and slides)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/ed/index.html 	CDC	Training
<p>Provider Resources for Vaccine Conversations with Parents</p> <p>Materials to help assess parents' needs, identify the role they want to play in making decisions for their child's health, and then communicate in ways that meet their needs. (variously PDF or HTML)</p> <ul style="list-style-type: none"> ▶ www.cdc.gov/vaccines/hcp/conversations/index.html ▶ www.vaccineinformation.org 	CDC AAP AAFP Immunize.org	Dialogue
<p>EZIZ: A California VFC program for immunization training and resources</p> <p>Job aids for vaccine storage and handling, including dozens of products, info on vaccine management, refrigerator and freezer setup, monitoring temperatures, transporting vaccines, and inventory. (PDF)</p> <ul style="list-style-type: none"> ▶ eziz.org/resources/storage-handling-job-aids <p>Job aids for vaccine administration, including many helpful 1-page charts on preparing vaccines, avoiding mix-ups, and more. (PDF)</p> <ul style="list-style-type: none"> ▶ eziz.org/resources/vaccine-admin-job-aids 	EZIZ	Storage Technique

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<i>The Vaccine Handbook: A Practical Guide for Clinicians – “The Purple Book”</i> by Gary S. Marshall, MD	Private	Diseases Dialogue Schedules Screening
Comprehensive reference book on vaccines and vaccination, including discussion of how to address concerns of parents and patients. (To purchase, go to pcibooks.com/books/view/49 [\$49.95]) ▶ Download app at Apple App Store or Google Play Store (free), registration required		
<i>Flash Facts: Vaccines & Immunization</i> by John Grabenstein and Laurie Grabenstein	Private	Diseases Vaccines Practice Tools
230 fact-filled Flash Facts: key aspects of diseases, vaccines, antibodies, practice tools, and travel health. (To purchase, go to Amazon.com [\$24 for print or \$9.99 for Kindle edition])		
CHOP VEC’s Vaccine Update for Healthcare Professionals newsletter (monthly)	CHOP VEC	News
Monthly newsletter featuring articles, roundup of news and journal articles, and information about new resources. (HTML) ▶ www.chop.edu/centers-programs/vaccine-update/newsletter		

4 Additional Websites for Further Guidance and Resources

AAFP

www.aafp.org/family-physician/patient-care/prevention-wellness/immunizations-vaccines.html

AAP

www.aap.org/en/advocacy/state-advocacy/childhood-immunizations/

ACOG

www.acog.org/programs/immunization-for-women

ACP

www.acponline.org/clinical-information/clinical-resources-products/adult-immunization

AIM

www.immunizationmanagers.org

APHA

www.pharmacist.com/immunization-center

CHOP VEC

www.chop.edu/centers-programs/vaccine-education-center

DoD Continuous Quality Immunization Improvement Process

www.health.mil/Military-Health-Topics/Health-Readiness/Immunization-Healthcare

FDA

www.fda.gov/vaccines-blood-biologics/vaccines

Immunize.org

www.immunize.org

IHS

www.ihs.gov/epi/immunization-and-vaccine-preventable-diseases/

National Adult and Influenza Immunization Summit

www.izsummitpartners.org

NFID

www.nfid.org/immunization

VYF

www.vaccinateyourfamily.org

ACRONYMS

AAFP American Academy of Family Physicians
 AAP American Academy of Pediatrics
 ACIP Advisory Committee on Immunization Practices
 ACOG American College of Obstetricians and Gynecologists
 ACP American College of Physicians
 AIM Association of Immunization Managers
 APHA American Pharmacists Association
 CDC Centers for Disease Control and Prevention
 CE Continuing education

CHOP VEC Children’s Hospital of Philadelphia
 Vaccine Education Center
 DoD Department of Defense
 EZIZ EZ immunization services, California Department
 of Public Health (CDPH) Immunization Branch
 FDA Food and Drug Administration
 IHS Indian Health Service
 NAIIS National Adult and Influenza Immunization Summit
 NFID National Foundation for Infectious Diseases
 VYF Vaccinate Your Family