

## Medical Education and Immunizations Curriculum Modules

### [Vaccinating Adults: A Step-by-Step Guide](#) (Immunization Action Coalition, 2017)

- Step 1: getting started
- Step 2: setting up for vaccination services
- Step 3: vaccine storage and handling
- Step 4: deciding whom to vaccinate
- Step 5: administering vaccines
- Step 6: documentation and related issues
- Step 7: financial considerations

**A Look at Each Vaccine.** Pediatrician Dr. Brian Liddell, DO discusses several aspects of vaccines to gain a better knowledge of what they are and why we use them.

- [ANTHRAX VACCINE](#)
- [CHOLERA VACCINE](#)
- [DIPHTHERIA, TETANUS AND PERTUSSIS VACCINES](#)
- [HAEMOPHILUS INFLUENZAE TYPE B \(HIB\) VACCINE](#)
- [HEPATITIS A VACCINE](#)
- [HEPATITIS B VACCINE](#)
- [HUMAN PAPILLOMAVIRUS VACCINE](#)
- [INFLUENZA VACCINE](#)
- [JAPANESE ENCEPHALITIS VIRUS \(JEV\) VACCINE](#)
- [MEASLES, MUMPS AND RUBELLA VACCINE](#)
- [MENINGOCOCCAL VACCINE](#)
- [PNEUMOCOCCAL VACCINE](#)
- [POLIO VACCINE](#)
- [RABIES VACCINE](#)
- [ROTAVIRUS VACCINE](#)
- [SHINGLES VACCINE](#)
- [SMALLPOX VACCINE](#)
- [TUBERCULOSIS VACCINE](#)
- [TYPHOID VACCINE](#)
- [VARICELLA VACCINE](#)
- [YELLOW FEVER VACCINE](#)

[Immunization Basics and Case-Based Discussion](#) Published: December 19, 2014

[Immunization TBL Exercise](#) Published: September 7, 2012

[A Flipped Classroom and Case-Based Curriculum to Prepare Medical Students for Vaccine-Related Conversations with Parents](#) Published: May 16, 2017

[A Multicomponent Intervention to Improve Pneumococcal Vaccination Knowledge Among Internal Medicine Residents](#) Published: June 10, 2016

[Pediatric Well-Child Interview Standardized Patient Scenarios](#) Published: March 13, 2014

[Practice-Based Learning and Improvement: Improving Residents' Performance in Providing Preventive Care Through a Web-Based Chart Audit System](#) Published: October 29, 2008

[Pediatric Health Supervision Curriculum: Instructor's Guide, Student Resources, Faculty Resources, and Assessment Tools](#) Published: April 2, 2014

[Modified Objective Structured Clinical Examination for Pediatric Interns](#) Published: August 14, 2013

[Modified Objective Structured Clinical Examination for PL-2 Pediatric Residents](#) Published: April 1, 2015

[Preventative Care Objective Structured Clinical Examination \(OSCE\) Based on USPSTF Guidelines December 2011](#) Published: July 2, 2012

[Human Papillomavirus: From Basic Science to Clinical Management for Preclinical Medical Students](#) Published: December 21, 2018

[Modified Objective Structured Clinical Examinations for PL-3 Pediatric Residents](#) Published: April 22, 2016

[Vaccine Curriculum to Engage Vaccine-Hesitant Families: Didactics and Communication Techniques With Simulated Patient Encounter](#) Published: May 18, 2016

## References on Vaccines for Vulnerable Populations

### Immunization Podcasts

#### [Doc Doc Goose: Measles, Myths, and Rumors](#)

In this light-hearted podcast, a family medicine doctor (doc), a physical therapist (doc) and an architect (goose) help the general population understand healthcare topics. In the episode [Measles, Myths, and Rumors](#), pediatrician Dr. Brian Liddell joins the group to answer questions about vaccines. The episode explores several aspects of vaccines to help parents gain a better knowledge of what they are and why the medical community uses them.

#### [Science Vs: Vaccines – Are They Safe?](#)

Want some straight talk based on research? In each episode of Science Vs, science journalist Wendy Zukerman pits facts against fads, trends and rumors. Like a good scientist, she's doesn't make assumptions or sugar coat the truth – and as a bonus, her Australian accent is fun to listen to. In the episode [Vaccines - Are They Safe?](#), Wendy digs into vaccine concerns and presents unbiased conclusions based on the evidence. This episode is from 2017, but the issues covered are just as relevant today. Make sure you listen all the way to the end.

Dr. Boonstra's [Routine Immunization During the Pandemic](#) article. [Undark magazine](#) article

**Talking about Vaccines with Dr. Stanley Plotkin. Dr. Plotkin is the doctor who invented the rubella vaccine now working to fight the coronavirus. In these short videos, Dr. Stanley Plotkin, Professor Emeritus, Department of Pediatrics at the University of Pennsylvania, answers questions about vaccines.**

- [What is an adjuvant, and why are they used in vaccines?](#)
- [How is a vaccine processed by the body when it is given as a shot?](#)
- [How can we still use a fetal cell line from the 1960s to make vaccines today?](#)
- [What does it mean when a vaccine trial is double-blinded?](#)
- [How do clinical trials work?](#)
- [What does the FDA monitor during vaccine clinical trials?](#)

### Measles, Myths, and Rumors

DDG Podcast 6:53 1:16:21 [Download](#)

#### [Get Your Flu Vaccine](#) [4 MB, 4 min 16 sec]

Flu season is here and it's time for most of us to get vaccinated. Each year, hundreds of thousands of people in the US get influenza and several thousand die from the disease. In this podcast, Dr. Erin Kennedy discusses the importance of getting an annual flu vaccine.

## LBGTQ

Which vaccinations does CDC recommend for gay and bisexual men?

### **Hepatitis A and Hepatitis B vaccinations**

Two doses of the Hepatitis A vaccine are needed for lasting protection and the doses should be given at least six months apart.

A series of three doses of the Hepatitis B vaccine are usually given providing long-lasting protection.

There is also a combination vaccine for both Hepatitis A and Hepatitis B. It is usually given as a series of three doses in order to provide lasting protection.

**[INFLUENZA VACCINATION AMONG LBGT COMMUNITIES](#)**. Seasonal flu. The vaccine is a single dose shot given before the start of the flu season in the fall.

### **Human papillomavirus (HPV)** Microscopic Human Papilloma Viruses (HPV)

The human papillomavirus (HPV) vaccine is also available for gay, bisexual, and other men who have sex with men up to 26 years of age to prevent genital warts and other HPV-associated diseases and conditions such as oropharyngeal or anal cancer. The HPV vaccine is given as a three-dose series over six months. It is best to be vaccinated before your first sexual contact, but later vaccination can still protect you if you have not been exposed to HPV.

**Los Angeles LGBT Center Partners with LA County to Encourage Gay/Bisexual Men and Transgender People to Get [Meningitis Vaccine](#)**

## References

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Srivastav A, O'Halloran A, Lu PJ, Williams WW, Hutchins SS. [Vaccination differences among U.S. adults by their self-identified sexual orientation, National Health Interview Survey, 2013-2015](#). *PLoS One*. 2019;14(3):e0213431. Published 2019 Mar 7. doi:10.1371/journal.pone.0213431

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## **Migrant Farm Workers**

### **Vaccines.**

**Tuberculosis.** CDC. [Prevention and Control of Tuberculosis in Migrant Farm Workers](#) Recommendations of the Advisory Council for the Elimination of Tuberculosis.

[Vaccinations for Immigrant and Refugee Populations.](#) CDC Current Vaccination Criteria for U.S. Immigration

[Foreign Language Terms Aids to Translating Foreign Immunization Records.](#) (Minnesota Department of Health Immunization Program and Washington State Department of Health. May, 2019.

[Adult Immunization Schedule.](#) CDC.

[Migrant and Seasonal Farmworkers: Health Insurance Coverage and Access to Care.](#) Kaiser Commission on Medicaid and the uninsured. (2005)

[Promoting Health Care Access to Lesbian, Gay, Bisexual, and Transgender \(LGBT\) Farmworkers.](#) Fenway Institute, July 2015.

### **Resources**

[Immunizations and Hispanic Americans.](#) US DHHS Office of Minority Health.

[Immunizations.](#) Migrant Clinicians Network.

[Vacunemonos.](#) Lets get vaccinated.

[Striving to Improve Influenza Immunization Uptake in Hispanic Adults in New York State.](#) ASTHO. December 8, 2017.

[Combating Influenza Myths to Improve Influenza Immunization Uptake in Hispanic Communities.](#) ASTHO. Webinar.

[The Migrant Caravan, Central America, and Vaccination Rates.](#) Cato at Liberty. Nov. 1, 2018.

[Texting intervention reduces ER visits and improves vaccination rates among Latino families.](#) December 26, 2019.

[HPV vaccine uptake highest in Hispanic, low-income communities.](#) Fred Hutchinson Cancer Research Center.

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## Persons Experiencing Homelessness

### Vaccines

**Hepatitis A.** [CDC's Advisory Committee on Immunization Practices \(ACIP\), Recommends Hep A Vaccine for Homeless Patients.](#)

### Resources

[Vaccine Index.](#) Advisory Committee on Immunization Practices, CDC.

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