Vaccines for Adults Webinar:

2023 Adult Immunization Update



Immunization Branch
California Department of Public Health
March 29, 2023
12pm-1pm



Housekeeping



Attendee lines are automatically muted.



Please access today's slides at https://eziz.org/vfa-317/vfa-resources/. The webinar is being recorded and will be posted there after the event.

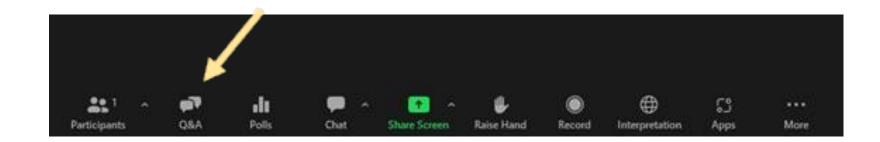


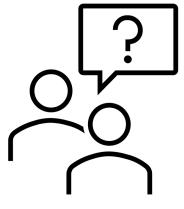
For webinar troubleshooting, please email Cecilia LaVu at Cecilia.LaVu@cdph.ca.gov.



Questions

During the webinar, open the **Double Bubble Q&A** to submit written comments or questions.







Webinar Objectives

At the end of this webinar, participants will be able to...

- 1. Share VFA Program updates with clinic staff.
- 2. Understand the new AB 1797 Registry Law and explain the Digital Vaccine Record to patients.
- 3. Explain the changes within the new ACIP Schedule.
- 4. Identify updated tools and resources that can be utilized for adult patients.



Agenda

- Program Updates Nisha Gandhi & Lindsay Reynoso
- CAIR Updates Michael Powell
- ACIP and IZ Updates Dr. Caterina Liu
- Resources Terisha Gamboa
- Q&A Session



Nisha Gandhi and Lindsay Reynoso

PROGRAM UPDATES



VFA Program Updates

- Next ordering period: April 3-14, 2023
 - Increased ordering caps
 - Last 2 ordering cycles lower than projected
 - Order based on projected need and usage
 - Td Shortage
 - PPSV23 no longer available to order after the Q2 cycle
 - Follow recommendations outlined in the 2023 VFA ACIP clinical letter and the updated Pneumococcal Job Aid
- Next VFA webinar Summer 2023 (TBD)
 - Please reach out if you want to share best practices in your clinic
- Immunization Information System (IIS) Data Reports
 - April 2023 (Includes 2022 Annual Report)
 - Summer 2023 (Q1 Q2 2023 Report)



Reminder: 317 CAIR Immunization Reporting

 Immunization of VFA-eligible patients will be documented in or submitted through data exchange as "317" doses to the local immunization information system (CAIR2 or Healthy Futures/RIDE) and documented in an Electronic Health Record (EHR)

 Review doses reported in the immunization information system a minimum of every six months



Sample Report



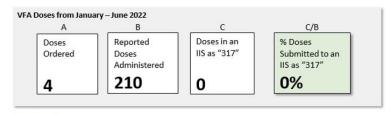
August 2022

Report: VFA Doses in California Immunization Registry For PIN: IIS ID:

Vaccine Accountability Requirements

As a Vaccines for Adults (VFA) provider, you are required to document in or submit through data exchange, the immunizations given to VFA-eligible patients as "317" doses to the local Immunization Information System (IIS)". Available IIS in California are CAIR and RIDE (Healthy Futures). To help you meet this requirement, we have developed a report of administration and IIS data from Quarter 1 (Q1) and Quarter 2 (Q2) of 2022 (January—June 2022). Providers must review VFA doses reported in the IIS before every VFA order or at minimum every six months to ensure VFA doses administered have been documented accurately. Please use this report to gain insight as to how your practice is doing at submitting 317 doses to an IIS. Then, determine next steps to improve the accuracy of doses entered into an IIS (increase the percentage of doses submitted to an IIS as "317").

What does your IIS data† look like from January through June 2022?



†Data Limitations:

"Doses Ordered" and "Reported Doses Administered" were obtained from your submitted 317 orders during the Q1 and Q2 2022 VFA order period. The doses in an IIS were administered during January 1, 2022, through June 30, 2022. Only doses that were labeled as "317" were counted. Number of doses may vary as the databases are live data and can be updated after the data was extracted.

Determine Your Rating:

Ratings are based on % of target reached:

EXCELLENT: ≥ 90% VERY GOOD: 71%-89% GOOD: 51%-70%

NEEDS IMPROVEMENT: ≤50%

Excellent: Congratulations! You did an excellent job of submitting doses in Q1 and Q2 2022. Keep up the amazing work!

Good and Very Good: Congratulations! You submitted most of your doses correctly in Q1 and Q2 2022. Your practice is well-positioned to achieve future excellence. Take steps below to increase accurate data submission.

Needs Improvement: Based on doses reported administered, you submitted less than 50% of doses accurately in Q1 and Q2 2022. Take steps below to increase accurate data submission.

Steps to Increase the Accuracy of Doses Entered into an IIS:

Ensure you are submitting only your site's doses to the registry using the correct IIS ID.

For sites submitting data through Healthy Futures, see contact information below if you have questions.

CAIR data exchange users:

- 1. Confirm with your EHR vendor that Vaccine Eligibility Category (HL7) code "V07" is correctly mapped.
- Ensure staff know how to correctly record 317 vaccine eligibility in your EHR for every administered dose.
- Confirm 317 doses are correctly submitted via data exchange by running a "doses
 administered" report. Watch this <u>VFA webinar</u> (at 30 mins. 54 sec) and visit <u>CAIR</u> for additional
 training.
- If staff need access to CAIR, request a Data Exchange Quality Assurance (DX QA) account at <u>CAIR</u> Account Update.
- Contact your Local Data Exchange Representative if you have further questions.

CAIR manual entry users:

- If your site uses the CAIR inventory feature, make sure your CAIR Power User can select the "317"
 "Funding Source" when creating vaccine lots in CAIR. If not, contact your Local CAIR Representative.
- Make sure staff can select 317 Vaccine Eligibility when recording an administered dose in CAIR. If they can't, contact your <u>Local CAIR Representative</u>.
- If staff need access to CAIR, have your authorized site representative request new user accounts in the CAIR Account Update system.
- For more information about recording 317 doses accurately, watch this <u>VFA webinar</u> (at 16 mins. 12 sec) and view <u>these guides and videos</u>. Contact your <u>Local CAIR Representative</u> if you have further questions.

Healthy Future users:

Phone: 209-468-2292 Fax: 209-462-2019

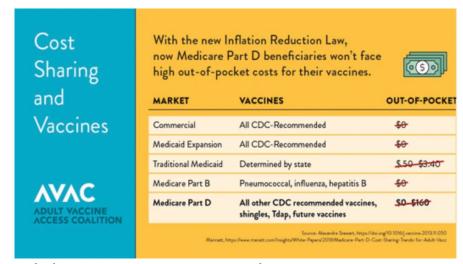
Email: support@myhealthyfutures.org URL:http://www.myhealthyfutures.org/

Note: Your next report will be sent in February 2023. This report will include a percentage of total doses administered entered correctly into an IIS and a corresponding rating.



Inflation Reduction Act

- Starting January 2023,
 - Eliminates co-pays on immunizations for those with Medicare Part D
 - Does not affect eligibility for VFA Program



Adult Vaccine Access Coalition

<u>Medicare Learning Network – Medicare Part D Changes</u> Inflation Reduction Act and Medicare

CA Vaccines for Adults (VFA) Program Eligibility Based on Insurance Status



Patient Health Insurance Status	VFA (317 – Funded Vaccine) Eligibility		
Uninsured/No Insurance (includes those who receive primary care through county safety net programs; these are NOT considered health insurance)	Eligible for ALL VFA vaccines		
Medi-Cal Fee-For-Service/ Medi-Cal Managed Care bit.do/healthplandirectory	NOT Eligible for VFA vaccines¹		
Medicare Part B (medical benefit) ² AND Part D (prescription drug benefit)	NOT Eligible for VFA vaccines		
Medicare Part B Alone ²	Eligible for these routine VFA vaccines: - Zoster - Tdap - Td if patient does NOT have a wound - Hep B if patient NOT high or medium risk - Hep A - Varicella - HPV - MMR		
Medicare Part D Alone ³	Eligible for these routine VFA vaccines: • PPSV23 • PCV20 • Hep B		
Insurance NOT through Medi-Cal or Medicare	Only eligible for VFA vaccines that are NOT covered by patient's private insurance plan ⁴		

¹Full scope Medi-Cal covers all ACIP-recommended vaccines.

VFA Eligibility Guide (IMM-1247)



² Medicare Part B covers: influenza, pneumococcal (PPSV23 and PCV13), and other vaccines (i.e., Td, Hep B, and Rabies) directly related to the treatment of an injury or direct exposure to a disease or condition (e.g., Td is covered as preventative care for tetanus when patient has a wound). Similarly, Hep B vaccine is only available to low-risk patients through VFA because Medicare Part B will cover Hep B vaccine when a patient is considered high or medium risk for contracting Hepatitis B. These include patients who have diabetes, work in health care and have frequent contact with blood or other body fluids; live with someone who is a Hep B carrier; are men who have sex with men; use illicit injectable drugs; have End Stage Renal Disease; have hemophilia; or are clients or staff at institutions for the developmentally included.

Michael Powell

CAIR UPDATES



New Registry Law AB 1797- (CAIR)

- Approved by Governor September 27, 2022
- Amends Health and Safety Code, Section 120440, which governs Immunization Registry data use
- Mandates ALL vaccines administered in California be reported to the Immunization Registry (<u>CAIR</u> or <u>Healthy Futures/RIDE</u>)
- Adds required data elements to include race and ethnicity
- Effective 1/1/2023



New Registry Law AB 1797- (CAIR)

- CDPH has convened teams to manage communications and workflows to support AB 1797 changes
- FAQ's posted to support providers/consumers
- AB 1797 Immunization Registry FAQs (ca.gov) posted to support providers/consumers



https://MyVaccineRecord.cdph.ca.gov

Before Tuesday 1/24

Residents could only retrieve their COVID-19 Vaccine Records



After Tuesday 1/24

Residents can retrieve both their COVID-19 Vaccine Records and their California Immunization Records



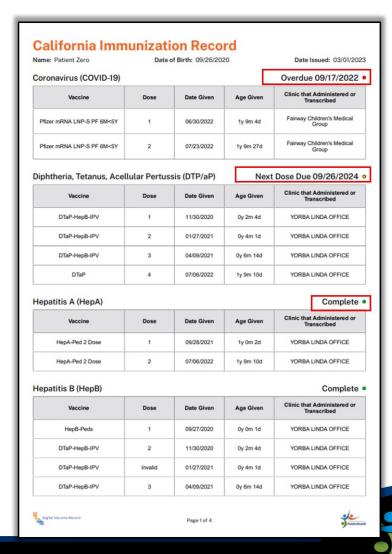
Phase 2 Release 2/28/23:

DVR with the Evaluator

The DVR Portal was enhanced to provide vaccine group recommendations based on an open-source immunization calculation engine we call the Evaluator.

Dose counts are populated by the Evaluator and return recommendations for whether:

- 1. A vaccine group is <u>complete</u>
- 2. A vaccine group has a dose <u>due soon</u> or
- 3. A vaccine group has a dose that is <u>overdue</u>



Recommended Vaccines Section

This section will display towards the bottom of the DVR if a resident is overdue for a 1st dose, or if a 1st dose of a vaccine group is due within one year.

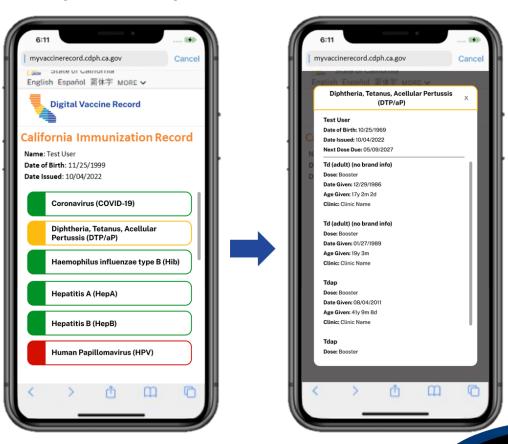




DVR Mobile Experience – Anticipated April 2023

The enhanced Mobile Experience provides residents with a more intuitive mobile interface view of their DVR – displaying the same information in an easier-to-read, mobile browser friendly format.

Residents will have more control over the information they choose to share.



Digital Vaccine Record Flyer

- Downloadable flyer posted
- Post in provider offices and LHJ sites that have entered historical doses in CAIR* or have been using CAIR for 5+ years
- Includes a QR code pointing to <u>Digital</u>
 <u>Vaccine Record (ca.gov)</u>
- Coming soon in Spanish

GET YOUR DIGITAL VACCINE RECORD



What is a Digital Vaccine Record (DVR)?

Your Digital Vaccine Record (DVR) is an electronic vaccination record from the California Immunization Registry (CAIR) and is an official record of the state of California.

What information does the DVR include?

The DVR has your name, date of birth, vaccination dates, and the vaccines you received.

Where do I access my Digital Vaccine Record?

Visit myvaccinerecord.cdph.ca.gov to access your record. You will need to enter your first and last name, date of birth, and mobile number or email address. You will create a PIN which will be required to obtain your DVR when the link to your record is provided to you.

What digital records can I access from the DVR Portal?

There are two types of records you can access from the DVR Portal:

- COVID-19 QR code that (when scanned by a SMART Health Card reader) will display the same information as your paper CDC vaccine card: your name, date of birth, vaccination dates, and vaccines.
- Record of all your vaccinations that were reported by pharmacies and healthcare providers to CAIR. Note that your historical vaccinations may not have been reported to CAIR.







For more DVR questions, visit myvaccinerecord.cdph.ca.gov/faq or call 1-833-422-4255 (open M-F 8AM-8PM, SA-SU 8AM-5PM).

California Department of Public Health, Immunization Branch

IMM-1461 (3/9/23)

*California Immunization Registry

Digital Vaccine Record PDF Flyer





ACIP RECOMMENDATIONS
FOR ADULT
IMMUNIZATIONS
CATERINA LIU, MD, MPH



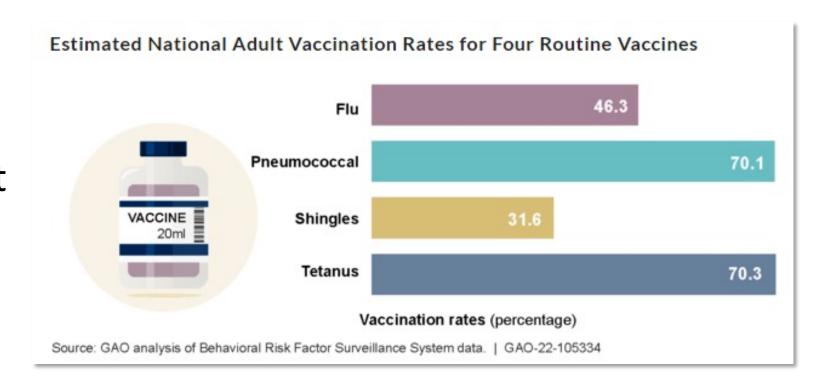
Outline

- Adult Immunization Standards
- ACIP Schedule Updates
- Mpox updates
- New CDC Hepatitis B Screening Recommendations
- Clinical scenarios



Gaps in Adult Immunization

- Adult vaccination rates are very low
- Most adults are not aware they need vaccines



<u>Standards for Adult Immunization Practice</u> <u>GAO Report 2022: Adult Rates Vary by Vaccine Type and Other Factors</u>



Standards for Adult Immunization Practice

ASSESS

immunization status of all your patients at every clinical encounter.

RECOMMEND

vaccines that patients need.

ADMINISTER

vaccines directly (optimal) or refer your patients to a vaccination provider.

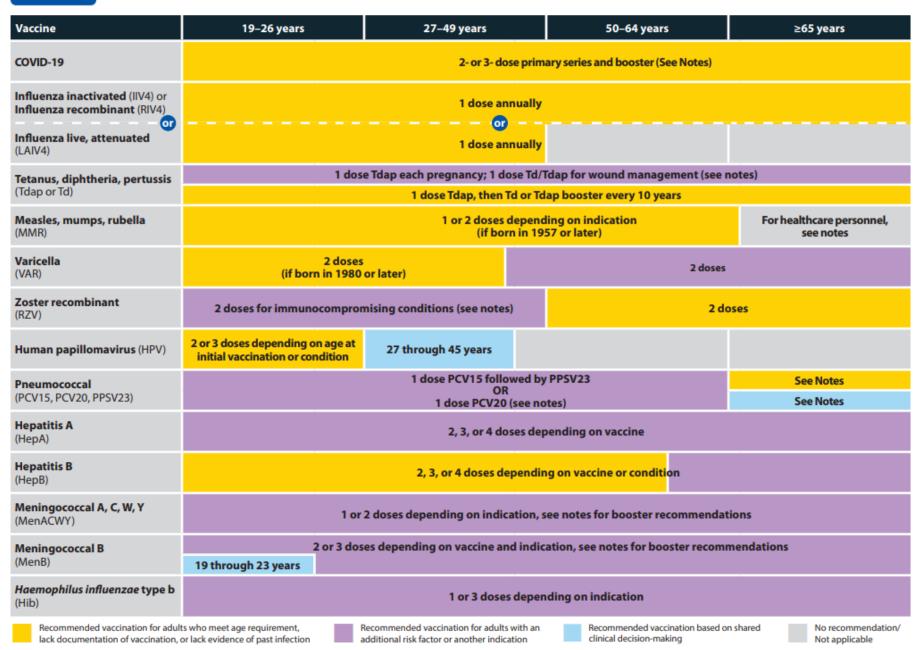
DOCUMENT

vaccines received by your patients.

Standards for Adult Immunization Practice



Recommended Adult Immunization Schedule by Age Group, United States, 2023



Assess Based on Age









Everyone

- Flu
- COVID-19
- Tdap/Td
- Hep B

26 years& younger

HPV

50 years & older

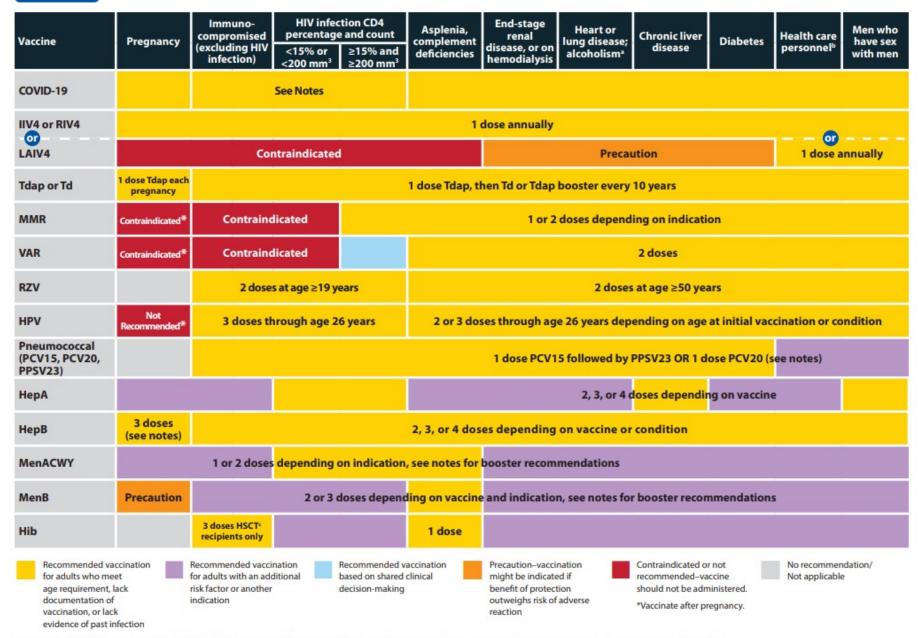
Zoster

65 years & older

- PCV20 OR
- PCV15 and PPSV23

See <u>ACIP Table 1</u>. for full age-based recommendations

Recommended Adult Immunization Schedule by Medical Condition or Other Indication, United States, 2023



a. Precaution for LAIV4 does not apply to alcoholism. b. See notes for influenza; hepatitis B; measles, mumps, and rubella; and varicella vaccinations. c. Hematopoietic stem cell transplant.

Assess for Indications

Chronic Disease

- Diabetes
- Heart disease
- Lung disease
- Alcohol use disorder
- Chronic liver disease
- ESRD on hemodialysis



Immunocompromised

- HIV
- Non-HIV
 Immunosuppression
- Asplenia



Occupational

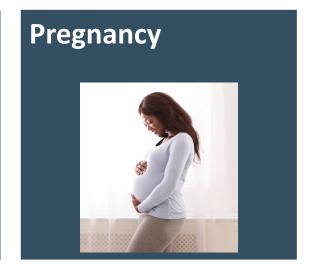
- Health care workers
- Special workplace exposures



Behavior or Social Conditions

- MSM
- Drug use
- Homelessness





Overview: 2023 ACIP Adult Schedule Updates

- COVID-19 vaccine primary series & booster added to routine schedule.
- Updated pneumococcal vaccine recommendations for people who previously received PCV13.
- Preferential recommendation for high dose, adjuvanted, or recombinant influenza vaccine for people 65 and older.
- Addition of new vaccines:
 - Priorix (measles, mumps, rubella; VFA available)
 - PreHevbrio (hepatitis B; VFA not available).
- Clarifications for use of MMR, polio, and zoster vaccines



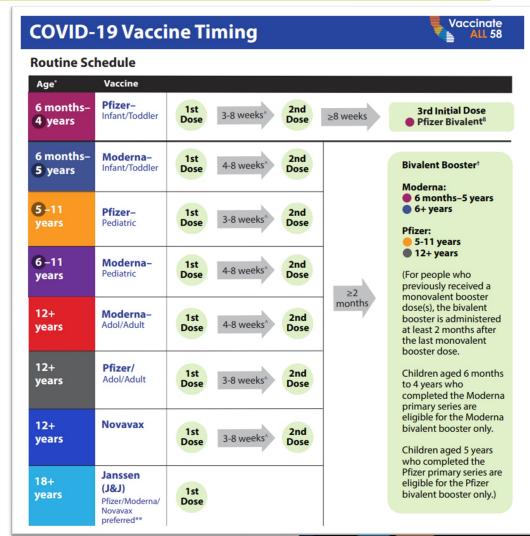
ACIP Recommended Immunization Schedule for Adults Aged 19 Years or Older, 2023

COVID-19 Vaccines

- Primary series and bivalent booster recommended for all adults
- Anticipated Fall 2023:
 - Commercialization
 - New formulation?
 - Updated recommendation

Resources

COVID-19 ACIP Vaccine Recommendations
Interim Clinical Considerations for Use of COVID-19 Vaccines
COVID-19 Vaccine Timing Guide
CDPH COVID-19 Vaccine Provider Resources





U.S. Health and Human Services (HHS) Update 2/28/23 "Commercialization" of COVID-19 Vaccine

- Commercialization timeline is unrelated to declarations of public health emergency
- "Current expectation" is that COVID-19 vaccine will be available for private purchase in Fall 2023, to coincide with fall immunization campaign and possible change in vaccine strains
- Public health continues distribution of federally-purchased supplies until utilized or expired
- Federal purchase under commercialization: contracts being drafted
 - Vaccines for Children (VFC)
 - 317, but no increases yet in 317 funding to accommodate COVID-19 vaccine
- Vaccine may be sold if either licensed or EUA* from FDA^
- Cost sharing?
 - Private pay, Medi-Cal, Medicare expectation of no cost sharing
 - Uninsured, underinsured under discussion

*Emergency Use Authorization
^ Food and Drug Administration



Changes in Pandemic Measures

Date	Consequence	Declaration	Authority
2/28/2023	Return to routine scope of work for EMTs and others	CA Public Health Emergency	CA State Law [Governor]
4/1/2023	"Unwinding": Temporary Medicaid / Medi-Cal continuous coverage ends – annual renewal resumes		CMS – CA DHCS
5/11/2023 Minimal effect on vaccine coverage (separate requirements for no-cost coverage of recommended vaccines)	(separate requirements for no-cost	Federal Public Health Emergency	Section 319, Public Health Service Act [HHS Secretary]
	National Emergency Declaration	Section 201, National Emergencies Act [President]	
5/31/2023	DHCS COVID Uninsured Program Ends	-	CA DHCS
Fall 2023?	"Commercialization": COVID-19 Vaccine available on private market; CDPH manages VFC and other public supply orders		
10/1/2024	End to liability protection for countermeasures under EUA	PREP Act, 9 th Amendment	Section 319F-3, Public Health Service Act [HHS Secretary]
???	End to EUA status for COVID-19 vaccines???	EUA status	Section 564 of Federal Food, Drug, and Cosmetic Act [HHS Secretary]



Who should get pneumococcal vaccine?

- Everyone 65+
- People 19-64 with <u>certain medical conditions</u>



Immune compromise



CSF leak



Cochlear implant



HIV



Cancer



Liver disease



Alcohol use disorder



Cigarette smoking



Diabetes



Heart disease



Lung disease



Kidney disease



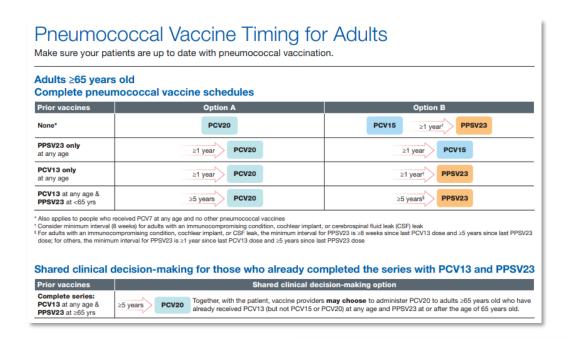
Pneumococcal Vaccine: 2023 Update

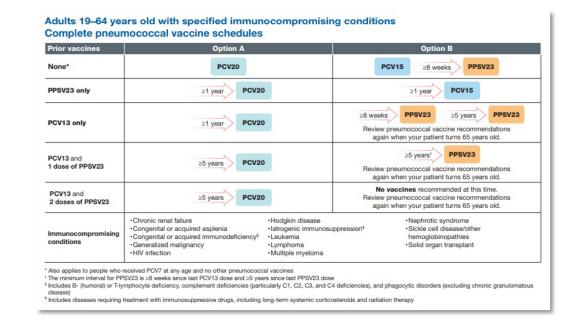
PCV20 can be used in people who previously received PCV13

Pneumococcal Vaccine Timing DO NOT administer PCV15 and PPSV23 at the same visit. Age 65+ Years: All PCV20 is available from the Vaccines for Age 19-64 Years: Only if High-Risk* • CDPH **Adults Program** A. Unknown or No Prior Doses of PCV13 or PPSV23 **Option A1 Option A2** ≥1 year interval if: healthy 65+, or 19+ with other risks OR PCV₂₀ PCV15 PPSV23 Pneumovax® 23 Vaxneuvance® Prevnar20® Consider ≥8 week interval if: 19+ at highest-risk* (PPSV23 not needed) **B. Previously Received PPSV23** PCV15 ≥1 year since PPSV23 OR Vaxneuvance^e C. Previously Received PCV13[†] PPSV23 ≥1 year since PCV13 Pneumovax® 23 D. Previously Completed Series of PCV13 and PPSV23 in Any Order ≥5 years since PCV13 PPSV23 OR or PPSV23 Pneumovax® 23

CDPH Pneumococcal Vaccine Timing
CDPH Pneumococcal Vaccine Timing, VFA Specific

CDC Pneumococcal Timing Guide





Adults 19–64 years old with a cochlear implant or cerebrospinal fluid leak Complete pneumococcal vaccine schedules

Prior vaccines PCV20 PCV15 None* PPSV23 PPSV23 only PCV20 PCV15 ≥8 weeks PCV13 only PCV20 Review pneumococcal vaccine recommendations again when your patient turns 65 years old. No vaccines recommended at this time. PCV13 and 1 dose of PCV20 Review pneumococcal vaccine recommendations PPSV23 again when your patient turns 65 years old. * Also applies to people who received PCV7 at any age and no other pneumococcal vaccines

CDC Pneumococcal
Vaccine Timing For Adults



Mpox Vaccination Recommendations

- Post-Exposure Prophylaxis
 - For people with known or presumed exposure to mpox virus within 14 days of exposure.
- Pre-Exposure Prophylaxis
 - People at increased risk of exposure
 - People who are requesting vaccination

Interim Clinical Considerations for Use of JYNNEOS and ACAM2000 Vaccines during the 2022 U.S. Mpox Outbreak Considerations for Mpox Vaccination in California

Mpox Vaccines

JYNNEOS

- Given as two dose series 28-days apart
- Routinely administered subcutaneously; may be administered intradermally
- FDA approved for prevention of both smallpox and mpox for persons 18 years and over at high risk of smallpox or mpox infection
- (ACAM 2000 Live, replicating vaccine)
- Contact your <u>Local Health Jurisdiction (LHJ)</u> if interested in becoming a vaccinator





New CDC Hepatitis B Screening Guidance

- New recommendation for universal adult screening with a "triple panel" that includes:
 - hepatitis B surface antigen (HBsAg)
 - antibody to hepatitis B surface antigen (anti-HBs)
 - total antibody to hepatitis B core antigen (total anti-HBc).
- New recommendation for triple panel screening for hepatitis B for pregnant people.



Hepatitis Screening (Continued)

- <u>United States Preventive Services Task</u>
 <u>Force</u> (USPSTF) continues to recommend risk-based hepatitis B screening in adults and adolescents.
- <u>California law (AB 789)</u> requires hepatitis B and C screening based on USPSTF guidance for adults receiving primary care services.
- HBV screening and vaccination initiation can be done at the same visit.

Screen for Hepatitis B & C

Recommend Hepatitis B vaccine

Refer for follow-up care

U.S. Preventive Services Task Force Hepatitis B Screening AB 789 Dear Colleague Letter (CDPH, March 2022)



Hepatitis B Vaccine Recommendations

- Hepatitis B vaccine is recommended for all adults 19-59 years.
- For people 60+, HBV vaccine recommended for people at increased risk.













Liver disease

HIV

Injection drug use

Risk for exposure to blood

Sexual exposure risk

Incarcerated

 Anyone aged 60+ years who does not meet risk-based recommendations may still receive Hepatitis B vaccination.

Hepatitis B Vaccination Recommendations



Hepatitis B Virus (HBV) Vaccination and Screening in Adults





Who should be vaccinated?

Ages

- <60 years: All adults
- ≥60 years: If risk factors or desiring vaccination (CDC)

Which vaccines are recommended?

CDC recommends any of the following:

- · 2-dose series (0, 1 month interval): Heplisav-B®
- 3-dose series (0, 1, 6 months interval):
- Engerix-B[®]
- Recombivax HB®
- PreHevbrio®
- Twinrix® (combination Hep A/Hep B).

Can I vaccinate and screen at the same visit?

- Yes! If screening reveals immunity or chronic infection, do not administer further doses.
- If screening shows no evidence of past infection or immunity, then complete the vaccination series.

Who should be screened?

- All adults 18 years and older, at least once (CDC)
- At every pregnancy (CDC)
- California adults at high risk of HBV who are receiving primary care - required by state law
- Repeat screening based on risk factors and dinical judgment

What tests should be used? **

CDC recommends panel with:

- · HBsAg (hepatitis B surface antigen)
- · Anti-HBs (hepatitis B surface antibody)
- · Total anti-HBc (hepatitis B core antibody)

Next steps after a positive test?

- · Refer to hepatitis B experienced dinician
- Recommend <u>lifestyle modification and</u> <u>prevention of transmission</u>.

Hepatitis B Serologic Test Interpretation

Clinical State	HBsAg	Total anti-HBs	Total anti-HBc	Action
Acute infection	Positive	Negative	Positive (IgM anti-HBc)	Link to HBV infection care
Chronic infection	Positive	Negative	Positive	Link to HBV infection care
Resolved infection	Negative	Positive	Positive	Counsel about HBV infection reactivation risk
Immune (immunization)	Negative	Positive	Negative	Reassure if history of HepB vaccine series completion; if partially vaccinated, complete vaccine series per ACIP recommendations
Susceptible	Negative	Negative	Negative	Offer HepB vaccine per ACIP recommendations
Isolated core antibody	Negative	Negative	Positive	Consider specialist consult

For more details: CDC

California Dept. Of Public Health

IMM-1453 (3/23)

Hepatitis B Virus Vaccination and Screening in Adults (CDPH)

People to Screen for HBV



Household or sexual

contacts of people with HBV infection









Pregnancy

+ Injection drug

Men who have sex with men

6

Geography

 Persons not immunized in US as infants who were born or whose parents were born in countries with medium to high prevalence of HBV infection (Asia, Pacific Islands, Africa)

Worldwide Rates of Chronic Hepatitis B



Talking Points for Patients

What is Hepatitis B?

- Hepatitis B is a serious liver infection caused by a virus.
- Some people develop chronic (long-term) hepatitis B infection, which can lead to liver damage, scarring (cirrhosis), cancer or death.
- The virus is transmitted through infected blood or bodily fluids, or from an infected woman to her baby.

Why should I get tested for Hepatitis B?

- Many people with chronic hepatitis B don't know they are infected.
- Treatment can help reduce the risk of long-term health problems (but cannot cure the infection).

Why should I get vaccinated against Hepatitis B?

- The hepatitis B vaccine is very safe and effective at all ages, including for pregnant people.
- The hepatitis B vaccine can help prevent liver cancer.

Clinician Resources

Clinical Guidance

- CDC Hepatitis B Provider Resources for Screening and Vaccination
- American Association for the Study of Liver Diseases (AASLD) Guidelines for the Treatment of Chronic Hepatitis B
- Hepatitis B Management: Guidance for the Primary Care Provider

For more information, please visit:

eziz.org/hepatitisbresources





California Dept. Of Public Health

^{†&}lt;u>United States Preventive Services Task Force</u> (USPSTF) recommends initial screening with HBsAg; if positive results, then test for anti-HBs and anti-HBc. California law (AB 789) is based on USPSTF quidelines.

^{*}In pregnant people previously screened for Anti-HBs and total antiHBc, HBsAg alone can be tested in subsequent pregnancies.

CLINICAL SCENARIOS

2023 Adult Immunization Schedule





Scenario 1

Manuel is a 66-year-old man with type 2 diabetes on Medicare.

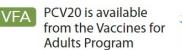
He received PCV13 and PPSV23 six years ago.

Which pneumococcal vaccine should you recommend?

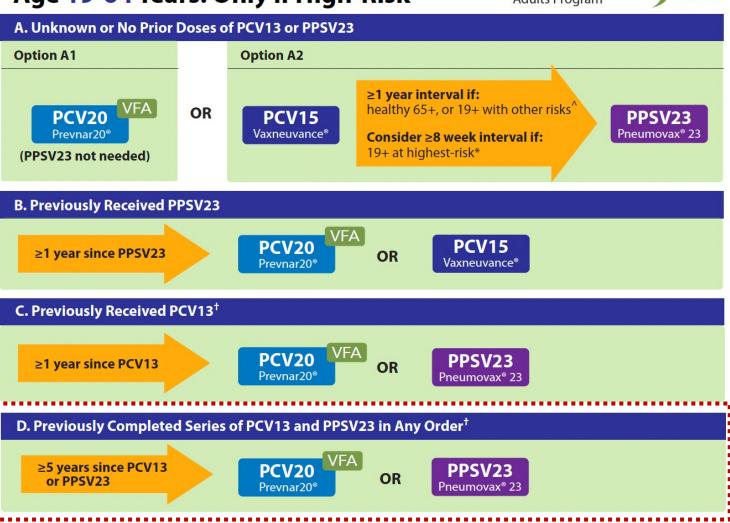
Pneumococcal Vaccine Timing

DO NOT administer PCV15 and PPSV23 at the same visit.

Age 65+ Years: All Age 19-64 Years: Only if High-Risk*







Adults ≥65 years old Complete pneumococcal vaccine schedules

Prior vaccines	Option A	Option B	
None*	PCV20	PCV15 ≥1 year [†] PPSV23	
PPSV23 only at any age	≥1 year PCV20	≥1 year PCV15	
PCV13 only at any age	≥1 year PCV20	≥1 year [†] PPSV23	
PCV13 at any age & PPSV23 at <65 yrs	≥5 years PCV20	≥5 years [§] PPSV23	

^{*} Also applies to people who received PCV7 at any age and no other pneumococcal vaccines

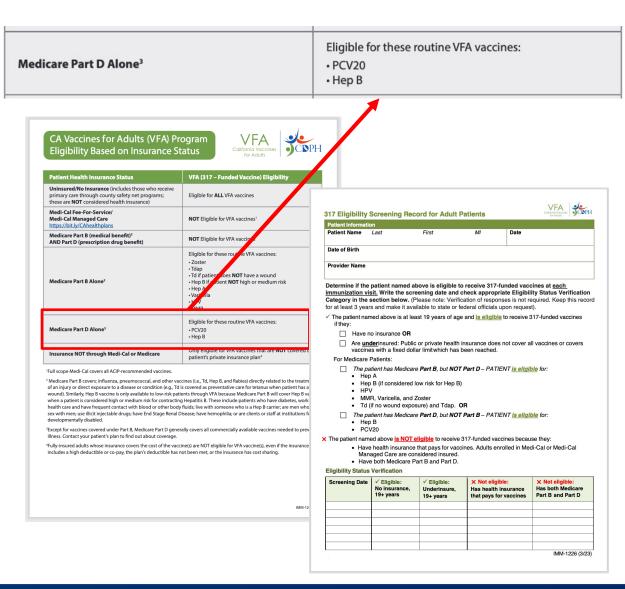
Shared clinical decision-making for those who already completed the series with PCV13 and PPSV23

Prior vaccines	Shared clinical decision-making option		
Complete series: PCV13 at any age & PPSV23 at ≥65 yrs	≥5 years PCV20	Together, with the patient, vaccine providers may choose to administer PCV20 to adults ≥65 years old who have already received PCV13 (but not PCV15 or PCV20) at any age and PPSV23 at or after the age of 65 years old.	

[†] Consider minimum interval (8 weeks) for adults with an immunocompromising condition, cochlear implant, or cerebrospinal fluid leak (CSF) leak

⁵ For adults with an immunocompromising condition, cochlear implant, or CSF leak, the minimum interval for PPSV23 is ≥8 weeks since last PCV13 dose and ≥5 years since last PPSV23 dose; for others, the minimum interval for PPSV23 is ≥1 year since last PCV13 dose and ≥5 years since last PPSV23 dose

Check & Document VFA Eligibility



Manuel has Medicare Part D, but NOT B. Is he eligible to receive PCV20 through VFA?

- Check VFA eligibility using the VFA Program's "Eligibility Based on Insurance Status."
- According to the tool, Manuel is eligible for a dose of PCV20 through the VFA program.
- Adult Patients" and/or document the eligibility screening elements on your practice's EMR/EHR for Manuel. Keep this record for at least 3 years. Check his eligibility during future immunization visits as his insurance status may change.

How to Recommend Vaccines

• **Strongly recommend** the vaccine and share reasons why patient should get vaccinated:

"I strongly recommend that you get the pneumococcal vaccine today. Pneumonia is a serious infection that can make it very difficult to breathe. Your risk for pneumonia increases with age, and this vaccine significantly lowers your risk of hospitalization and death from pneumonia. I recommend this vaccine to all of my eligible patients, as well as my parents and friends."

- If Manuel declines, address his concerns. If he still declines vaccination, ask him if you may share information on the vaccine for him to read at home.
 - "I understand that you still have some concerns. May I share some materials with you for you to take home?"
- Follow up during subsequent visits. Reassure Manuel that it's your job to keep him healthy, and vaccines play an important role.



Scenario 2

Debra is a 50-year-old healthy woman with Medi-Cal.

Which vaccines do you recommend?

Table 1 Recommended Adult Immunization Schedule by Age Group, United States, 2023

	<u> </u>			
Vaccine	19–26 years	27-49 years	50–64 years	≥65 years
COVID-19	2- or 3- dose primary series and b (See Notes)			Notes)
Influenza inactivated (IIV4) or Influenza recombinant (RIV4)		1 dose an	nually	
Influenza live, attenuated (LAIV4)	1 dose annually			
Tetanus, diphtheria, pertussis (Tdap or Td)	1 dose		ose Td/Tdap for wound manager od or Tdap booster every year	
Measles, mumps, rubella (MMR)		1 or 2 doses (if bor	depending on indication in 1957 or later)	For healthcare personnel, see notes
Varicella (VAR)	2 doses (if born in 1980 d	or later)		2 doses
Zoster recombinant (RZV)	2 doses for immunocompromising conditions (see notes)		2 døses	
Human papillomavirus (HPV)	2 or 3 doses depending on age at initial vaccination or condition	27 through 45 years		
Pneumococcal		1 dose PCV15 follo OR		See Notes
(PCV15, PCV20, PPSV23)	1 dose PCV20 (see nates) See Notes			See Notes
Hepatitis A (HepA)	2, 3, or 4 doses depending on vaccine			
Hepatitis B (HepB)	2, 3, or 4 doses depending on vaccine o dition			
Meningococcal A, C, W, Y (MenACWY)	1 or 2 doses depending on indication, see notes for booster recommendations			
Meningococcal B	2 or 3 doses depending on vaccine and indication, see notes for booster recommendations			
(MenB)	19 through 23 years			
<i>Haemophilus influenzae</i> type b (Hib)		1 or 3 doses	depending on indication	
Recommended vaccination for adult lack documentation of vaccination, of	3	ecommended vaccination for adults dditional risk factor or another indic		

CA Vaccines for Adults (VFA) Program Eligibility Based on Insurance Status



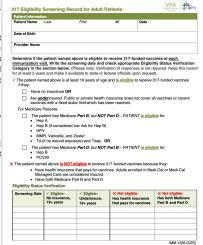
Patient Health Insurance Status	VFA (317 – Funded Vaccine) Eligibility		
Uninsured/No Insurance (includes those who receive primary care through county safety net programs; these are NOT considered health insurance)	Eligible for ALL VFA vaccines		
Medi-Cal Fee-For-Service/ Medi-Cal Managed Care https://bit.ly/CAhealthplans	NOT Eligible for VFA vaccines ¹		
Medicare Part B (medical benefit)² AND Part D (prescription drug benefit)	NOT Eligible for VFA vaccines		
Medicare Part B Alone ²	Eligible for these routine VFA vaccines: • Zoster • Tdap • Td if patient does NOT have a wound • Hep B if patient NOT high or medium risk • Hep A • Varicella • HPV • MMR		
Medicare Part D Alone ³	Eligible for these routine VFA vaccines: • PCV20 • Hep B		
Insurance NOT through Medi-Cal or Medicare	Only eligible for VFA vaccines that are NOT covered by	_	

¹Full scope Medi-Cal covers all ACIP-recommended vaccines.

² Medicare Part B covers: influenza, pneumococcal, and other vaccines (i.e., Td, Hep B, and Rabies) direct of an injury or direct exposure to a disease or condition (e.g., Td is covered as preventative care for teta wound). Similarly, Hep B vaccine is only available to low-risk patients through VFA because Medicare Pa when a patient is considered high or medium risk for contracting Hepatitis B. These include patients whealth care and have frequent contact with blood or other body fluids; live with someone who is a Hep sex with men; use illicit injectable drugs; have End Stage Renal Disease; have hemophilia; or are clients developmentally disabled.

³Except for vaccines covered under Part B, Medicare Part D generally covers all commercially available v illness. Contact your patient's plan to find out about coverage.

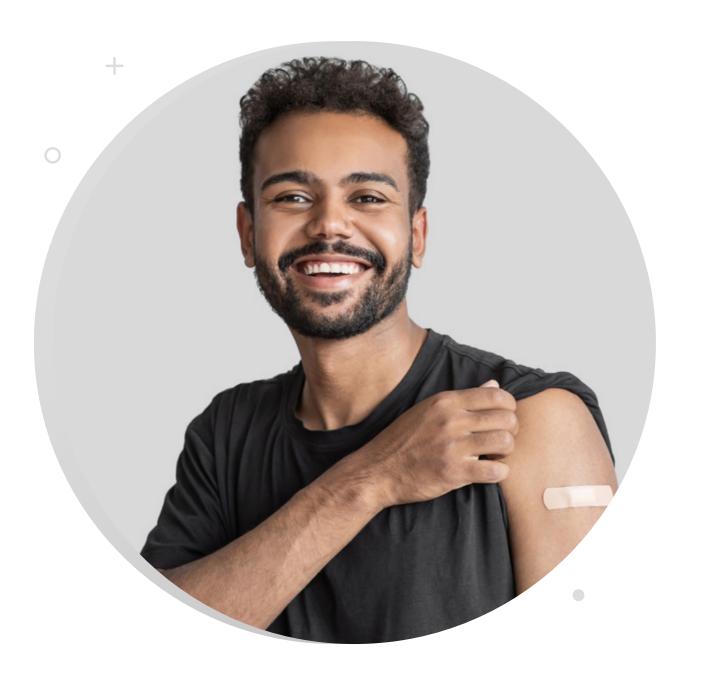
4Fully-insured adults whose insurance covers the cost of the vaccine(s) are NOT eligible for VFA vaccine(s) includes a high deductible or co-pay, the plan's deductible has not been met, or the insurance has cost



Check & Document VFA Eligibility

Debra is on Medi-Cal. Is she eligible to receive VFA vaccines?

- 1. Check VFA eligibility using the VFA Program's "Eligibility Based on Insurance Status."
- 2. According to the tool, Deborah is NOT eligible for the VFA program because she is insured by Medi-Cal.
- 3. Complete the "317 Eligibility Screening Record for Adult Patients" and/or document the eligibility screening elements on your practice's EMR/EHR for Deborah. Keep this record for at least 3 years. Check her eligibility during future immunization visits as her insurance status may change.



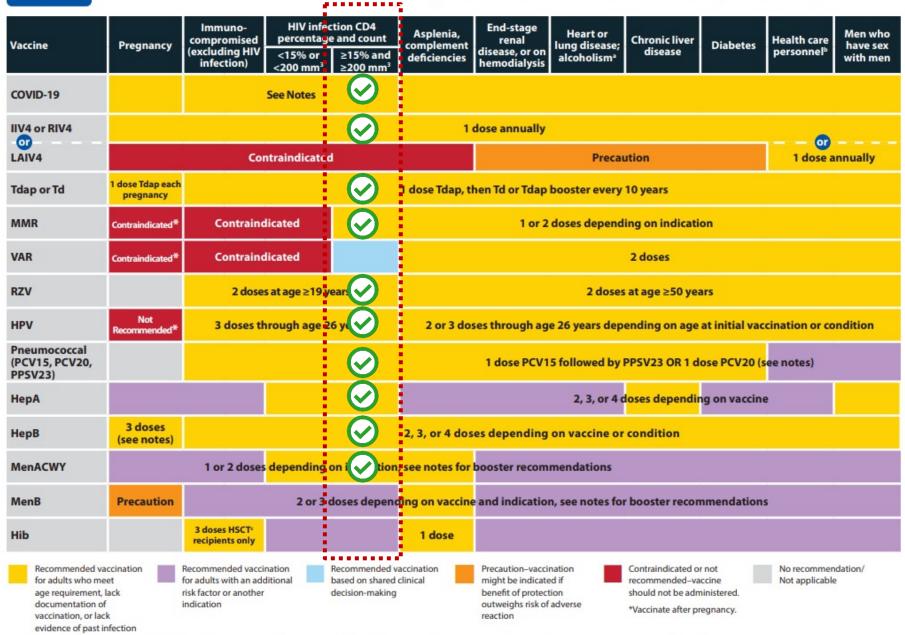
Scenario 3

Marco is a 35-year-old man living with HIV. His CD4 count is ≥ 200mm³

Marco has no insurance but he is enrolled in ADAP (AIDS Drug Assistance Program).

Which vaccines do you recommend?

Table 2 Recommended Adult Immunization Schedule by Medical Condition or Other Indication, United States, 2023



a. Precaution for LAIV4 does not apply to alcoholism. b. See notes for influenza; hepatitis B; measles, mumps, and rubella; and varicella vaccinations. c. Hematopoietic stem cell transplant.



CDPH Job Aid: Vaccination for Adults Living with HIV

Vaccine	Recommendation for adults with HIV who lack vaccine documentation or evidence of past infection	Where Vaccination Varies by CD4 Count (cells/ mm²)
OVID-19 Primary series and updated booster		Less than 200 cells/mm ² : 3-dose primary series (if using mRNA vaccine) and updated booster
Hepatitis A	2-3 doses (varies by formulation)	
Hepatitis B 2-4 doses (varies by formulation and indication)		
Human papillomavirus (HPV) 3 doses for up to age 26 (shared clinical decision for ages 27- 45)		
Influenza	1 dose annually	
Measles, mumps, rubella (MMR)		Less than 200 cells/mm ² : Contraindicated 200 cells/mm ² or more: 2 doses if born after 1956 with no history of vaccination or positive antibody titer.
Meningococcal A, C, W, Y conjugate	2 doses, booster every 5 years	
2-3 doses (varies by formulation) for adults with another risk factor (medical, occupational or othe indication)		
MPOX virus: JYNNEOS® only	2 doses	
Pneumococcal conjugate (PCV15 or PCV20)	1 dose	
Pneumococcal polysaccharide (PPSV23)	1 dose (if received PCV15; not needed if received PCV20)	
Tetanus, diphtheria, pertussis (Tdap/Td)	Tdap once, then Td or Tdap booster every 10 years	
Varicella (VAR)		Less than 200 cells/mm ² : Contraindicated 200 cells/mm ² or more: 2 doses
Zoster (RZV)	2 doses	

IMM-1450

CA Vaccines for Adults (VFA) Program Eligibility Based on Insurance Status





Patient Health Insurance Status	VFA (317 – Funded Vaccine) Eligibility
Uninsured/No Insurance (includes those who receive primary care through county safety net programs; these are NOT considered health insurance)	Eligible for ALL VFA vaccines
Medi-Cal Fee-For-Service/ Medi-Cal Managed Care https://bit.ly/CAhealthplans	NOT Eligible for VFA vaccines ¹
Medicare Part B (medical benefit) ² AND Part D (prescription drug benefit)	NOT Eligible for VFA vaccines
Medicare Part B Alone ²	Eligible for these routine VFA vaccines: • Zoster • Tdap • Td if patient does NOT have a wound • Hep B if patient NOT high or medium risk • Hep A • Varicella • HPV • MMR
Medicare Part D Alone ³	Eligible for these routine VFA vaccines: • PCV20 • Hep B
Insurance NOT through Medi-Cal or Medicare	Only eligible for VFA vaccines that are NOT covered by patient's private insurance plan ⁴

¹Full scope Medi-Cal covers all ACIP-recommended vaccines.

³Except for vaccines covered under Part B, Medicare Part D generally covers all commercially available vaccines needed to prevent illness. Contact your patient's plan to find out about coverage.

'Fully-insured adults whose insurance covers the cost of the vaccine(s) are NOT eligible for VFA vaccine(s), even if the insurance includes a high deductible or co-pay, the plan's deductible has not been met, or the insurance has cost sharing.

IMM-1247 (3/23)

Check & Document VFA Eligibility

Marco has no insurance, but he is enrolled in ADAP. Is he eligible to receive VFA vaccines?

- Check VFA eligibility using the VFA Program's "Eligibility Based on Insurance Status."
- According to the tool, Marco is eligible for the VFA program because he is NOT insured.

However, the ADAP Program does cover many ACIP-recommended vaccines, and we strongly encourage you to utilize these vaccines for VFA-eligible patients enrolled in ADAP. Please see the <u>ADAP Formulary</u> for more information regarding vaccines covered by ADAP. Follow the same VFA eligibility documentation as in the other two scenarios.



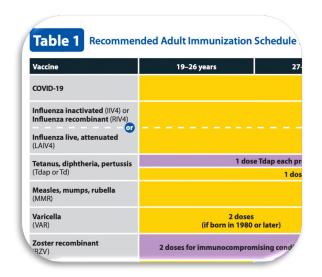
² Medicare Part B covers: influenza, pneumococcal, and other vaccines (i.e., Td, Hep B, and Rabies) directly related to the treatment of an injury or direct exposure to a disease or condition (e.g., Td is covered as preventative care for tetanus when patient has a wound). Similarly, Hep B vaccine is only available to low-risk patients through VFA because Medicare Part B will cover Hep B vaccine when a patient is considered high or medium risk for contracting Hepatitis B. These include patients who have diabetes, work in health care and have frequent contact with blood or other body fluids; live with someone who is a Hep B carrier; are men who have sex with men; use illicit injectable drugs; have End Stage Renal Disease; have hemophilia; or are clients or staff at institutions for the developmentally disabled.

Terisha Gamboa

RESOURCES



Tools to Help You Assess



ACIP Adult Immunization Schedule

> ACIP General Best Practices for Immunizations



CAIR2 Organizational Reports

CAIR2 User Guides



<u>CDC vaccine</u>
<u>schedules app</u>

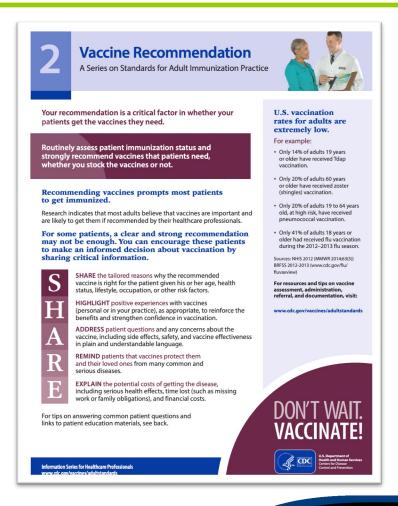


AAFP and STFM vaccine schedules app



CDC Resources on Vaccine Recommendation

- CDC Webpage on Educating Adult
 Patients on Vaccine-Preventable
 Diseases
- Adult Vaccination Patient Handouts
- Standards for Adult Immunization
 Practice
- Adult Vaccination Job Aid



COVID-19 Vaccine: Provider Resources

VA58

- Provider Office Hours and My Turn / myCAvax
 Office Hours
- Crucial COVID-19 Conversations Campaign

Visit these sites for slides and recordings of webinars.



CDC Resources:

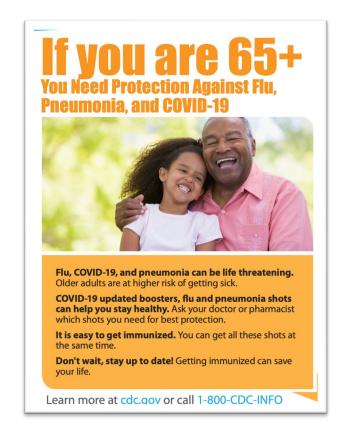
- COVID-19 Vaccination Clinical & Professional Resources
- Communication Resources: Quick References



COVID-19 Vaccine: Patient Resources



Booster Flyer for Older Adults
Spanish
(IMM-1416)



Recommended Vaccines for Older Adults
(IMM-1131)



#DontWaitVaccinate Social Media Messages

Other EZIZ Resources:

- COVID-19 Program Patient Resources
- COVID-19 Vaccine Resources for Older Adults (other languages available)
- Vaccinate All 58 Toolkit

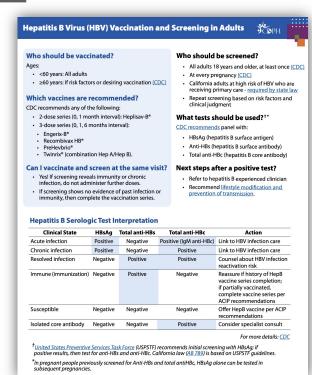


Updated VFA Provider Job Aids

- Pneumococcal Vaccine Timing Guide
 - VFA-specific Timing Guide
- Shingles Vaccine Fact Sheet
- Shingrix Flyer no copays under Medicare Part D
- Hep B Vaccine Fact Sheet
- Hep B Screening Guide NEW!



 Recommended Vaccines for People Living with HIV/AIDS flyer



Immunizations can help Ask your doctor or care team if you should get any of these vaccines: you stay healthy. COVID-19 Hepatitis A and B **Protect yourself and others** by getting immunized today! ☐ Human Papillomavirus (HPV) Influenza Meningitis ☐ MPOX Pneumonia Shingles (Zoster) ☐ Tetanus, Diphtheria, Whooping Cough (Tdap) Place your logo or clinic info in box above Delete this text before saving or printing.

Living with HIV?

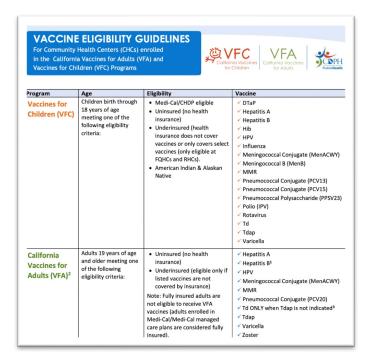
Vaccines for PLWH flyer (IMM-1456)

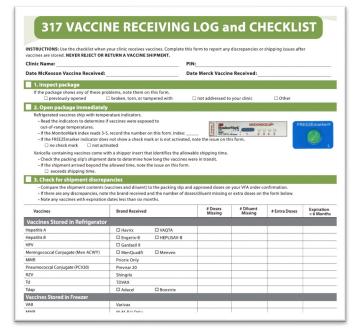
Hep B Screening Guide (IMM-1453)



Updated VFA Forms

Check out updated forms on the VFA Resources page. Changes in VFA vaccines are reflected on them.

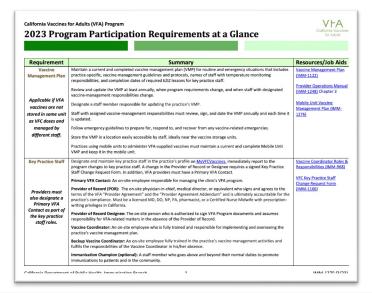


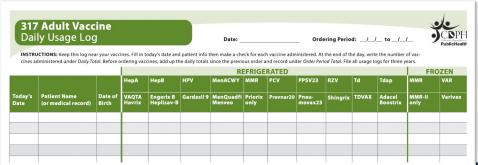


Vaccine Eligibility Guidelines (IMM-1222)

317 Vaccine Receiving Log and Checklist (IMM-1216)

2023 Program Requirements At a Glance (IMM-1270)





Daily Usage Log (IMM-1053-317)





QUESTION AND ANSWER SESSION



THANK YOU!

my317vaccines@cdph.ca.gov

Please fill out this short VFA webinar evaluation below!

<u>VFA Webinar Survey</u>

