



# COVID-19 Vaccine: Preparing Primary Care

Vermont Department of  
Health – June 17, 2021

# COVID-19 Vaccine Overview

- Storage and Handling
- Deliveries and Inventory Management
- Administration and Clinics
- Safety and Reporting
- Additional Resources

# COVID-19 Vaccine Storage and Handling

Immunization Program Contact: Ines Burazerovic, *VFC Coordinator*

# Frequently Updated Information

- All three available COVID-19 vaccine manufacturers are continuing to collect stability data.
- Never assume the viability of the vaccine. Place back in proper storage and call the Immunization Program.
- While many very useful resources exist, they are not always the most up to date.
- To ensure that you are always giving viable vaccine, and not wasting vaccine unnecessarily, confirm information through the EUA and monitor your email for programmatic updates.

# Pfizer BioNTech Storage and Handling

## Before Dilution

- Permanent storage is ultracold (-80°C to -60°C)
- Vials may be stored at limited freezer temperatures (-25°C to -15°C) for a cumulative time of up to 2 weeks.
- Moving between freezer and ultra cold may happen only once.
- Vials may be stored in the refrigerator (2°C to 8°C) for up to **1 month**.
- Undiluted vials may be stored at room temperature for no more than 2 hours.

## After Dilution

- If frozen, vials may be thawed in the refrigerator (2-3 hrs), or at room temperature (30 min).
- After dilution, store vials between 2°C to 25°C and use within 6 hours of dilution.
- Any remaining doses from a punctured vial must be disposed of after 6 hours.

# Moderna Storage and Handling

## Before puncture

- Permanent storage is in the freezer (-50°C to -15°C)
- Vials may be stored in the refrigerator (2°C to 8°C) for 30 days.
- Unpunctured vials may be stored at room temperature (up to 25°C) for 24 hours.
- Once thawed vaccine may not be refrozen.

## After puncture

- If frozen, vials may be thawed in the refrigerator (2.5 hrs), or at room temperature (1 hr).
- After puncture, store vials between 2°C to 25°C and use within 12 hours.
- Any remaining doses from a punctured vial must be disposed of after 12 hours.

# Janssen Storage and Handling

## Before puncture

- Permanent storage is in the refrigerator (2°C to 8°C)
- Vaccine may still be frozen upon delivery but should be placed in the refrigerator.
- Unpunctured vials may be stored at room temperature (up to 25°C) for 12 hours.

## After puncture

- After puncture, store vials between 2°C to 8°C and use within 6 hours **OR** stored at room temperature (up to 25°C) for 2 hours.
- Room temperature and refrigerated temperatures may not be combined.
- Once at room temperature the vaccine must be used within 2 hours.

# If Temperature Excursion Occurs, Contact Immunization Program

1. Refrain from making assumptions about the vaccine viability
2. Gather temperature excursion information.
3. Do not move the vaccine.
4. Instructions and information will be provided through the program.
5. [Temperature Excursion Protocol](#) is available.

If you experienced a temperature excursion, contact the Immunization Program during standard business hours promptly by phone 1-800-640-4374 or email [ahs.vdhimmunizationprogram@vermont.gov](mailto:ahs.vdhimmunizationprogram@vermont.gov)



# Off-Site Clinic Guidance



- [COVID-19 Vaccine Storage and Handling for Off-site Clinics](#)
- Off-site clinics are defined as anytime vaccine is administered while stored temporarily (coolers, portable units, monitored units in a non-clinic location)
- Continuous temperature monitoring and [hourly paper temp logs](#) are required.
- Immunization Program provided coolers
  - Coolers utilize phase change panels.
  - Delivered from the Vaccine Depot with instructions and a data logger ready to use.
  - Practice with the cooler is recommended before the clinic date.
  - If extra data loggers are required for clinics, or you want to request use of a cooler, please contact [AHS.VDHImmunizationProgram@vermont.gov](mailto:AHS.VDHImmunizationProgram@vermont.gov)

# **COVID-19 Vaccine Deliveries and Inventory Management**

# First COVID-19 Vaccine Order

- Place your order on the Wednesday before you plan to begin immunizing patients. **Wednesdays are the cut off for all COVID-19 orders.**
- Reconcile your **full** vaccine inventory before placing the first COVID-19 order.
  - Create All Vaccine Reconcile
- Once COVID-19 vaccine is in the practice inventory, submit COVID-only reconciliations before COVID-19 only orders.
- If you are receiving a transfer from your umbrella organization, you will not place an order in VIMS and should work through your organization.
- For all future orders you will:  
**Adjust in/out → COVID-19 Only Reconciliation → COVID-19 Only Order**

# Adjustments

Adjustments should be submitted before reconciling or ordering.

## Waste

Adjustment Type	Adjustment Reason	Return type	# Doses adjusted	Er # do or ha
Waste	Broken Vial / Syringe COVID: expired - unopened multi-dose vial COVID: No Eligible Person Improper Storage - Wastage Open MDV - Temp Excursion Open MDV / Expired Open MDV / Expired - Transferred, not used Unable to obtain all doses from multi-dose vial Vaccine Drawn / Not Given			

## Adjust In

Administered Error
Bonus Dose
COVID: HRSA / Federal Supply
Depot Transfer In
Found / Unknown
Retail Pharmacy
Return Error
Transfer Error
Waste Error

## Adjust Out

Adjust In Error
Depot Transfer Out
Lost / Unaccounted
Retail Pharmacy
Transfer In Error

# Bonus doses vs. wasted doses

- Pfizer and Moderna vials can have variable number of doses.
  - Pfizer **7**, Moderna **15**, none for Janssen
  - Adjust in: bonus dose
  - Waste: unable to obtain all doses
- This chart shows you how to account for those doses in inventory reconciliation.
- Account for any bonus doses and wasted doses before completing your reconciliation

Manufacturer	Dose	Was the dose extracted in full?	Is it counted as waste?
Pfizer	6 <sup>th</sup> dose	Yes	No
		No	Yes
	7 <sup>th</sup> dose	Yes	No
		No	No
Moderna 6.3mL vial	10 <sup>th</sup> dose	Yes	No
		No	Yes
	11 <sup>th</sup> dose	Yes	No
		No	No
Moderna 8mL vial	13 <sup>th</sup> dose	Yes	No
		No	Yes
	14 <sup>th</sup> dose	Yes	No
		No	Yes
	15 <sup>th</sup> dose	Yes	No
		No	No

# Reconciliations

- COVID-19 vaccine reconciliation of inventory is completed separately from other vaccines.
- Reconciliation is required weekly, even if you are not ordering,
  - Wednesdays unless not possible
- You must submit your COVID-19 vaccine order within 48 hours of reconciling your COVID-19 inventory.

More information is available under “Tracking the Vaccine Inventory” on our [website](#)

### Reconcile for Practice

Requests

Transfer

Adjust

Reconcile

Order

View History

Reports

**New Reconcile**

Create All Vaccine Reconcile

 ← First time ordering COVID-19 vaccine

Create FLU-only Reconcile

Create COVID-only Reconcile

 ← Already have COVID-19 vaccine inventory

Create FLU and COVID-only Reconcile

**Reconciliation Requests In Progress**

Vaccine ▲	Brand ▲	NDC ▲	PED/ADU/MIX	Lot	Expiration ▲	Begin # doses	# Doses received	# Doses admin	# Doses adjusted out	# Doses in transit	Expected # doses on hand	Physical count # doses
	COV-19 (Janssen)	59676-0580-15	ADU	204A21A	12/31/2059	0	600		550		50	
			ADU	204A21A	12/31/2069	0	100		100		0	
			ADU	206A21A	12/31/2069	200	350		195		355	
			ADU	042A21A	12/31/2069	0	2600		2455		145	
			ADU	1808982	12/31/2069	0	4000		4000		0	
			ADU	1821286	12/31/2069	0	300		135		165	
			ADU	042A21A	6/21/2021	0	2700		2700		0	

Save as Draft
Submit Reconciliation
Approve
Cancel
Print

# Ordering

(not applicable to those receiving vaccine through umbrella)

## Considerations

- All COVID-19 Vaccines will be in your catalogue available to order. Only order one mRNA vaccine (Pfizer or Moderna).
- You may order Janssen in addition to an mRNA vaccine. Currently this is available only through the Depot.
- You should plan to place your orders on Wednesday the week before the vaccine is needed.

**Order for Practice**

**Practice Inventory**

Requests

Transfer

Adjust

Reconcile

**Order**

View History

**New Order**

[Create All Vaccine Order](#)

[Create FLU-only Order](#)

[Create COVID-only order from Distributor](#)

[Request COVID-only order from VDH Depot](#)

[Create FLU and COVID-only Order](#)

# Ordering

(not applicable to those receiving vaccine through umbrella)

## COVID-only order from Distributor

- Ordering from distributor means direct ship, like all other vaccines.
- Orders must be placed in quantities of:
  - Pfizer **1170** or **450**
  - Moderna **140**
  - ~~Janssen 100~~ (At this time, no direct shipments of Janssen available)
- Approved by state on Thursday, vaccine direct ships to practice.
- Tracking information is available in VIMS, confirmation E-mail is sent from the program.

Order for Practice

Practice Inventory

Requests

Transfer

Adjust

Reconcile

Order

View History

New Order

[Create All Vaccine Order](#)

[Create FLU-only Order](#)

[Create COVID-only order from Distributor](#)

[Request COVID-only order from VDH Depot](#)

[Create FLU and COVID-only Order](#)



# Ordering

(not applicable to those receiving vaccine through umbrella)

## COVID-only order from VDH Depot

- Ordering from VDH depot means vaccine is delivered to your practice as a transfer from the Health Dept depot.
- Order quantity must be in intervals of:
  - Pfizer 6
  - Moderna 10 or 14
  - Janssen 5
- Approved by state on Thursday.
- Depot confirms delivery amount and date via email.

The screenshot shows a web interface titled "Order for Practice". On the left is a light blue sidebar with navigation links: "Practice Inventory", "Requests", "Transfer", "Adjust", "Reconcile", "Order" (highlighted with a red box), and "View History". The main content area has a light green header and a light gray background. Under the header is the section "New Order" with several links: "Create All Vaccine Order", "Create FLU-only Order", "Create COVID-only order from Distributor" (highlighted with a black box), "Request COVID-only order from VDH Depot" (highlighted with a red box and a red arrow pointing to it from the right), and "Create FLU and COVID-only Order".

# Considerations When Ordering COVID-19 Vaccine

- The vaccine will be delivered from the Depot at refrigerated temperatures, unless otherwise stated.
  - Moderna is good for one month when refrigerated.
  - If you receive refrigerated vaccine it **MUST** go in the refrigerator.
  - If ordered from the distributor it will come frozen and be good for several months.
- Be aware of order quantity.
  - If ordering from the Depot, plan to order what you will need for 4 weeks. If this is close to the minimum for direct order from distributor, instead order vaccine from the Distributor for direct delivery.
  - Only order what you need. Do not stockpile vaccine.
- Pfizer and Moderna vaccine require two doses.
  - Second dose planning will be key when ordering supply for your office.
  - You will need to keep track of who is due for a second dose to allow for adequate inventory on hand. Do not hold second doses for individual patients, order more vaccine when needed.

# Considerations When Ordering COVID-19 Vaccine

Ordering and reconciling is separate from other state supplied vaccines, but COVID-19 may show in your inventory.

- You can only submit one reconciliation at a time. Once a reconciliation is submitted you will be unable to do anything else in the VIMS system until it is approved.
- COVID-19 reconciliation is due every **Wednesday**, even if you do not intend to order more COVID-19 vaccine.
- Plan other orders of state supplied vaccine accordingly. It may take a full day for a reconciliation to be approved.
- When reconciling other state supplied vaccines, enter “0” doses administered for all COVID-19 vaccines.

# Considerations When Ordering COVID-19 Vaccine

- To use the vaccine as efficiently as possible, outreach to your patients is expected.
- While still utilizing multi-dose vials, the focus is on no missed opportunities, and waste should not be a barrier to vaccinating.
  - If a patient is in your office and wished to receive the COVID-19 vaccine, you should provide it even if it means wasting the remaining doses.
  - [Minimizing waste policy](#)

	Moderna	Janssen (J+J) – currently unavailable	Pfizer-BioNTech
Minimum Order for Direct Ship from Distributor	10 vials, 14 doses per vial (140 doses)	20 vials, 5 doses per vial (100 doses)	75 vials, 6 doses per vial (450 doses)
Order timeframe for Request from Depot	Requesting vaccines from the Depot should be within your clinic need and the vaccine's expiration dates—plan order volume on a request frequency of <b>once per month</b> . If your anticipated demand for a month is close to the minimum orders provided above, we ask that you round up and order a direct shipment from the distributor.		
Order/Reconciliation Date in VIMS	Wednesday		
Delivery mechanism	Direct ship or depot transfer		Depot transfer
Delivery temp	Frozen if direct ship – put in the freezer – viable for several months  Refrigerated if a Depot transfer – put in the refrigerator – viable for 30 days	Put in the refrigerator	Refrigerated temperature unless otherwise indicated

Additional COVID-19 Ordering resources:

- [COVID-19 VIMS User Guide](#) | [COVID-19 only reconciliation](#) | New guide will be available soon

# Ancillary Supplies

- Ancillary supply kits will be automatically added to vaccine orders and do not require additional action or separate ordering.
- Ancillary supply kits will arrive the day before or the same day as vaccine shipments
- Kits will include diluent (Pfizer only), needles, syringes, alcohol prep pads, a COVID-19 vaccination record card for each vaccine recipient, and a minimal supply of personal protective equipment (PPE), including surgical masks and face shields.
- Kits will not include sharps containers, gloves, bandages, or other supplies.

# Administration and Clinics

Immunization Program Contact: Merideth Plumpton, RN - *Nurse Program Coordinator*

# Emergency Use Authorization (EUA) Fact Sheets

## EUA Fact Sheet for Vaccination Providers

- Replaces the package insert found with vaccine
  - Pfizer-BioNTech: <https://www.fda.gov/media/144413/download>
  - Moderna: <https://www.fda.gov/media/144637/download>
  - Janssen: <https://www.fda.gov/media/146304/download>
- Best resource for most up to date information

## EUA Fact Sheet for Recipients

- Replaces VIS for licensed vaccines
  - Pfizer-BioNTech: <https://www.fda.gov/media/144414/download>
  - Moderna: <https://www.fda.gov/media/144638/download>
  - Janssen: <https://www.fda.gov/media/146305/download>
- Required by law to give to patient or guardian before vaccine administration
- Written informed consent is not required under EUA



# Clinical considerations

- [Prevaccination Checklist](#) and Consent
- Observation after vaccination
  - 30 minutes for people with:
    - Hx of allergy to another vaccine or injectable therapy
    - Contraindication to a different type of COVID vaccine
    - Hx of anaphylaxis of any cause
  - 15 minutes general population
  - Space and timing concerns of observation
- Preparing for reactions
  - Benadryl and EPI pens (Adult and Jr if vaccinating pediatrics)

# Special considerations for those under 18 years old

- Must have legal guardian consent
  - In the state of Vermont anyone under 18 years old must have consent for any vaccine, COVID-19 is no different.
  - in-person, verbal or via telephone.
  - Your practice may establish your own process for consent through your website or clinic flow or use any previous strategies for other pediatric vaccines.
- Reactions for those under 18 years old are similar in severity.
- Fainting to any vaccination is more prevalent in adolescence.
- Many resources on COVID-19 vaccinations in children are available through the [American Academy of Pediatrics](#).

# Clinical considerations - resources

- [Interim Clinical Considerations for Use of COVID-19 Vaccines](#)
- [Management of Anaphylaxis at COVID-19 Vaccination Sites:](#)
  - Preparing for allergic reactions
  - Benadryl and EPI pens (Adult and Jr if vaccinating pediatrics)
- [COVID-19 clinical consultation](#)
- [Immunization Action Coalition: Ask the Experts](#)

## E EQUILIBRATE AND DILUTE MULTIPLE DOSE VIAL

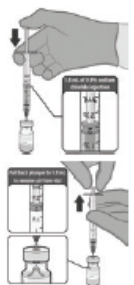
Using either thawing method, vials must reach room temperature before dilution and must be diluted within 2 hours (including thaw time). Do not refreeze thawed vials.



1. Before dilution invert vaccine vial gently 10 times.

Do not shake.

- Inspect the liquid in the vial prior to dilution. The liquid is a white to off-white suspension and may contain white to off-white opaque amorphous particles
- Do not use if liquid is discolored or if other particles are observed



2. Dilute the vaccine.

- Obtain sterile 0.9% Sodium Chloride Injection, USP. **Do not use bacteriostatic 0.9% Sodium Chloride Injection or any other diluent**
- Using aseptic technique, withdraw 1.8 mL of diluent into a transfer syringe (21-gauge or narrower needle)
- Cleanse the vaccine vial stopper with a single-use antiseptic swab. Add 1.8 mL of 0.9% Sodium Chloride Injection, USP into the vaccine vial. **Do not add more than 1.8 mL of diluent.** A 3 mL syringe is recommended, although a 5 mL syringe is also acceptable
- You may feel some pressure in the vial as you add the diluent. Ensure vial pressure is equalized by withdrawing 1.8 mL of air into the empty diluent syringe before removing the needle from the vial. Make sure to discard any saline remaining in the diluent vial



3. Gently invert the diluted vial 10 times to mix. Do not shake.

- After dilution, the vaccine will be an off-white suspension. Do not use if vaccine is discolored or contains particulate matter



4. Record the date and time of dilution in the appropriate place on the Pfizer-BioNTech COVID-19 Vaccine vial label. The thawed or diluted vaccine can be handled in room light conditions and must be kept at temperatures between 2°C to 25°C (35°F to 77°F). Avoid exposure to direct sunlight and ultraviolet light.

Use within 6 hours from the time of dilution. If not used within 6 hours, it should be discarded.

Undiluted vials cannot be at room temperature for more than 2 hours (including thaw time).

# Pfizer-BioNTech – Administration

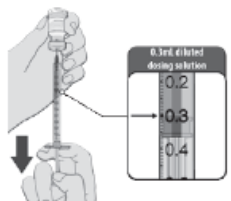
5 to 7 - 0.3mL doses per vial (6 doses expected)

## P REPREARE AND ADMINISTER MULTIPLE DOSE VIAL

The Pfizer-BioNTech COVID-19 Vaccine should be administered using low dead-volume syringes and/or needles. If standard syringes and needles are used, there may not be sufficient volume to extract a sixth dose from a single vial.

**Reminder:** Pfizer-BioNTech COVID-19 Vaccine comes in a multiple dose vial that contains 6 doses after dilution

**To prepare individual 0.3 mL doses from the diluted multiple dose vial:**



1. Using aseptic technique, cleanse the vial stopper with a single-use antiseptic swab, and withdraw 0.3 mL of the Pfizer-BioNTech COVID-19 Vaccine preferentially using low dead-volume syringes and/or needles.

Adjustments to remove air bubbles should be done with the needle still in the vial to avoid loss of vaccine.

**Verify the final dosing volume of 0.3 mL and confirm there are no particulates and that no discoloration is observed.**

*It is recommended to use the same needle to withdraw and administer the dose whenever possible. If a second needle is required for administration, pull back on the syringe plunger until a small amount of air enters the syringe prior to removing the first needle to avoid loss of dosing solution during the needle change.*



2. After dilution, vials of Pfizer-BioNTech COVID-19 Vaccine contain six doses of 0.3 mL of vaccine. Low dead-volume syringes and/or needles can be used to extract six doses from a single vial. If standard syringes and needles are used, there may not be sufficient volume to extract a sixth dose from a single vial. Irrespective of the type of syringe and needle:

- Each dose must contain 0.3 mL of vaccine
- If the amount of vaccine remaining in the vial cannot provide a full dose of 0.3 mL, discard the vial and any excess volume
- Do not pool excess vaccine from multiple vials



Watch the  
Preparation and  
Administration video

Pfizer-BioNTech Website: <https://www.cvdvaccine-us.com>

# Moderna – Administration

13 to 15 - 0.5mL doses per vial (14 doses expected)

## Administration

Swirl vial gently after thawing and between each withdrawal.  
The vaccine comes ready to use once thawed. **Do not shake or dilute.**

### Prior to injection, inspect each dose to:

Confirm liquid is **white to off-white** in color in both vial and syringe

Verify syringe volume of **0.5 mL**

If the amount of vaccine remaining in the vial cannot provide a full dose of 0.5 mL, discard the vial and contents. Do not pool excess vaccine from multiple vials. Pierce the stopper at a different site each time.

The vaccine may contain white or translucent product-related particulates.

Do not administer the vaccine if it is discolored or contains other particulate matter.



Provide a vaccination card to the recipient or their caregiver with the date the recipient needs to return for the **SECOND DOSE** of Moderna COVID-19 Vaccine.

Moderna Website:  
<https://www.modernatx.com/covid19vaccine-eua/providers/>

# Janssen – Administration

5 - 0.5mL doses per vial (5 doses expected)

## Storage, Dosage and Administration Guide



### Dose Preparation

- The Janssen COVID-19 Vaccine is a colorless to slightly yellow, clear to very opalescent sterile suspension that does not contain a preservative
- Visually inspect the Janssen COVID-19 Vaccine vials for particulate matter and discoloration prior to administration. If either of these conditions exist, do not administer the vaccine
- Before withdrawing each dose of vaccine, carefully mix the contents of the multi-dose vial by swirling gently in an upright position for 10 seconds. **Do not shake**
- Each dose is 0.5 mL. Each vial contains 5 doses. Do not pool excess vaccine from multiple vials
- Record the date and time of first use on the Janssen COVID-19 Vaccine vial label

### Administration

- Visually inspect each dose in the dosing syringe prior to administration
  - Verify the final dosing volume of 0.5 mL
  - Do not administer if vaccine is discolored or contains particulate matter
- **Administer the Janssen COVID-19 Vaccine intramuscularly**
- There is no information on the co-administration of the Janssen COVID-19 Vaccine with other vaccines

Janssen Website:

<https://www.janssencovid19vaccine.com/hcp.html>

# Billing for COVID-19 Vaccines

- Providers can bill for an office visit when administering COVID-19 vaccine if the visit meets the criteria for office visit coding under a recipient's plan.
- Vaccine providers will be able to charge an administration fee. However, participating vaccine providers must administer COVID-19 vaccine regardless of the vaccine recipient's ability to pay or their coverage status
- For uninsured patients, the vaccine provider can seek reimbursement for an administration fee from the [HRSA Provider Relief Fund](#).



# COVID-19 Safety Data and Reporting

# Vermont Immunization Registry

- All COVID-19 vaccines must be reported to Vermont's Immunization Registry within 72 hours of administration
- If your EHR is set up for this reporting the data will flow like other vaccines.
- If you manually enter historical records, you **must** enter it accurately.
  - Please **DO NOT**:
    - Record an approximate date based on patient testimony or estimate shot dates
    - Use the date of the patient office visit
  - Please **DO**:
    - Record all doses your location administers quickly and accurately.
    - Record a historical dose if you have an accurate record of what occurred (vaccine card, registry information, or other documentation). Note: Vaccine Lot #'s are case sensitive.

# Vermont Immunization Registry – assessing patient need

- [Patients who have NOT received any COVID-19 doses](#)
- [Patients who have missed/are late for a second COVID-19 dose](#)
- [Patients who HAVE received a COVID-19 dose](#)
- If you need help running these reports, please reach out to the registry directly at [IMR@vermont.gov](mailto:IMR@vermont.gov). If a different format is desired (i.e. Excel) it may take up to 2 weeks to fulfill the request.

# Vaccine Adverse Event Reporting System (VAERS)

## REPORT

- Go to [www.vaers.hhs.gov](http://www.vaers.hhs.gov)
- Submit a report online or by email.
- Forward your report to the IZ Program if you want to avoid the reporting time lag
- For help:
  - Call 1-800-822-7967
  - Email [info@VAERS.org](mailto:info@VAERS.org)
  - [Video instructions](#)

**VAERS** Vaccine Adverse Event Reporting System  
www.vaers.hhs.gov

About VAERS | Report an Adverse Event | VAERS Data | Resources | Submit Follow-Up Information

Have you had a reaction following a vaccination?

1. Contact your healthcare provider.  
Report an Adverse Event using the VAERS online form or the new downloadable PDF. **New!**

**Important:** If you are experiencing a medical emergency, seek immediate assistance from a healthcare provider or call 9-1-1. CDC and FDA do not provide individual medical treatment, advice, or diagnosis. If you need individual medical or health care advice, consult a qualified healthcare provider.

¿Ha tenido una reacción después de recibir una vacuna?

1. Contacte a su proveedor de salud.
2. Reporte una reacción adversa utilizando el formulario de VAERS en línea o la nueva versión PDF descargable. **Nuevo!**

What is VAERS?

REPORT AN ADVERSE EVENT  
Report significant adverse events after vaccination.

SEARCH VAERS DATA  
Download VAERS Data and search the CDC WONDER database.

REVIEW RESOURCES  
Find materials, publications, learning tools, and other resources.

SUBMIT FOLLOW-UP INFORMATION  
Upload additional information related to VAERS reports.

VAERS accepts all reports from everyone regardless of the plausibility of the vaccine causing the event or the clinical seriousness of the event



# V-Safe: After Vaccination Health Checker

- [V-safe](#) is a new CDC smartphone-based monitoring program for COVID-19 vaccine safety; text messaging & web surveys
- Healthcare providers should give a one-page **enrollment sheet** to patients at the time of vaccination
- Healthcare providers should counsel patients on the importance of enrolling in **v-safe**
- Follow-up from VAERS staff if patients report clinically important events, such as missed work, inability to do normal daily activities receive medical care
- Parents and guardians can now enroll adolescents (ages 12 and older) in **v-safe** and complete health check-ins on their behalf after COVID-19 vaccination.



# Stay informed!

- [COVID-19 Vaccinations](#) | CDC
  - Sign up for CDC notification of new resources and changes.
- Refer to VDH websites regularly for updated resources and information.
  - [Vaccine Information for Health Care Professionals](#) | VDH
- Weekly Immunization Program Office hours Thursdays 1-1:45pm.
  - Discuss state rollout and policies, storage and handling, and any updates to guidance.

## Get Email Updates

To receive email updates about COVID-19, enter your email address:

[What's this?](#)

Submit

# Questions?

## Vaccine Storage and Handling, Vaccine Specific Information

E-mail: [AHS.VDHImmunizationProgram@vermont.gov](mailto:AHS.VDHImmunizationProgram@vermont.gov)

Phone: 1-800-640-4374

## Vaccine Distribution

will send COVID-19 confirmation, send inquiries to main inbox

E-mail: [AHS.VDHCovidVaxDistribution@vermont.gov](mailto:AHS.VDHCovidVaxDistribution@vermont.gov)

## Immunization Registry and Reporting

E-mail: [IMR@vermont.gov](mailto:IMR@vermont.gov)

Phone: 1-888-688-4667

- The primary contact for your organization will be asked to complete a short assessment following this training.
- Please make sure your organization attendance is recorded in the chat.
- This assessment link and the slide deck will be sent only to the primary and back-up contacts, as listed on the enrollment form. Please ask that they forward information within organization as appropriate.

# CDC COVID-19 Training Modules for CE credit



## COVID-19 Vaccine Training Modules



[COVID-19 Vaccine Training: General Overview of Immunization Best Practices for Healthcare Providers](#)



[Janssen COVID-19 Vaccine \(Johnson & Johnson\):What Healthcare Professionals Need to Know](#) (Updated May 18. 2021)



[Moderna COVID-19 Vaccine: What Healthcare Professionals Need to Know](#) (Updated May 18. 2021)



[Pfizer-BioNTech COVID-19 Vaccine: What Healthcare Professionals Need to Know](#) (Updated May 24. 2021)

<https://www2.cdc.gov/vaccines/ed/covid19/>



## Health Department Resources Linked in Presentation (1 of 2)

Temperature Excursion Protocol | VDH:

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Vaccine-Temp-Excursion-Protocol.pdf>

COVID-19 Vaccine Storage and Handling for Off-site Clinics | VDH:

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Vaccine-Off-Site-Clinic-Guidance.pdf>

Hourly Paper Temperature Log | VDH:

[https://www.healthvermont.gov/sites/default/files/documents/pdf/ID\\_IZ\\_INF\\_OHCP\\_VCPVAVP\\_Hourly%20Vaccine%20Temperature%20Log.pdf](https://www.healthvermont.gov/sites/default/files/documents/pdf/ID_IZ_INF_OHCP_VCPVAVP_Hourly%20Vaccine%20Temperature%20Log.pdf)

Tracking Vaccine Inventory | VDH :

<https://www.healthvermont.gov/covid-19/health-care-professionals/vaccine-information-health-care-professionals>

Minimizing Waste Policy | VDH :

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Vaccine-Minimize-Waste-Policy.pdf>

## Health Department Resources Linked in Presentation (2 of 2)

Patients who have NOT received any COVID-19 doses | VDH IMR:

[https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR\\_Patient\\_List\\_By\\_DOB\\_%20Report\\_Guide-COVID-19.pdf](https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR_Patient_List_By_DOB_%20Report_Guide-COVID-19.pdf)

Patients who have missed/are late for a second COVID-19 dose | VDH IMR:

[https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR\\_How%20to%20Use%20the%20Not%20Up%20To%20Date%20Report%20-COVID.pdf](https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR_How%20to%20Use%20the%20Not%20Up%20To%20Date%20Report%20-COVID.pdf)

Patients who HAVE received a COVID-19 dose | VDH IMR:

[https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR\\_Patients\\_Immunized\\_By\\_Series\\_%20Report\\_Guide-COVID-19.pdf](https://www.healthvermont.gov/sites/default/files/documents/pdf/IMR_Patients_Immunized_By_Series_%20Report_Guide-COVID-19.pdf)

Vaccine Information for Health Care Professionals | VDH:

<https://www.healthvermont.gov/covid-19/health-care-professionals/vaccine-information-health-care-professionals>

## Additional Health Department Resources

Vermont COVID-19 Vaccine Program Training Guide

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Vaccine-Training-Quick-Guide.pdf>

State-Supplied Temperature Monitoring Resources

<https://www.healthvermont.gov/immunizations-infectious-disease/immunization-health-care-professionals/vaccine-storage-and-handling>

COVID-19 VIMS User Guide

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-VIMS-Hospital-User-Guide.pdf>

COVID-19 Only Reconciliation Guide

<https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-VIMS-Reconcile-Quick-Guide.pdf>

## External Resources Linked in Presentation (1 of 2)

Pre-vaccination Screening Form | CDC:

<https://www.cdc.gov/vaccines/covid-19/downloads/pre-vaccination-screening-form.pdf>

COVID-19 Vaccine for Children | AAP:

<https://services.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/covid-19-vaccine-for-children/>

Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html>

Preparing for Potential Management of Anaphylaxis | CDC:

<https://www.cdc.gov/vaccines/covid-19/clinical-considerations/managing-anaphylaxis.html>

COVID-19 Clinical Consultation | CDC:

<https://www.cdc.gov/vaccinesafety/ensuringsafety/monitoring/cisa/index.html>

Ask The Experts | Immunization Action Coalition:

[https://www.immunize.org/askexperts/experts\\_cov.asp](https://www.immunize.org/askexperts/experts_cov.asp)

## External Resources Linked in Presentation (2 of 2)

Provider Relief Fund | HRSA:

<https://www.hrsa.gov/coviduninsuredclaim>

V-safe Print Resources | CDC:

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/vsafe/printresources.html>

VAERS Video Instructions | YouTube:

<https://youtu.be/sbCWhcQADFE>

COVID-19 Vaccinations | CDC:

<https://www.cdc.gov/vaccines/covid-19/>

## CDC Printable Resources

Summary Document for Interim Clinical Considerations Poster:

<https://www.cdc.gov/vaccines/covid-19/downloads/summary-interim-clinical-considerations-poster.pdf>

COVID-19 Vaccine Administration Errors and Deviations Poster:

<https://www.cdc.gov/vaccines/covid-19/downloads/covid19-vaccine-errors-deviations-poster.pdf>

## CDC Vaccine Recipient Education

Vaccinate With Confidence:

<https://www.cdc.gov/vaccines/covid-19/vaccinate-with-confidence.html>

Talking with Patients About COVID-19 Vaccine:

<https://www.cdc.gov/vaccines/covid-19/hcp/engaging-patients.html>

Pediatric Healthcare Professionals Toolkit:

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/toolkits/pediatrician.html>

## Pfizer-BioNTech Resources

FDA Pfizer-BioNTech COVID-19 Vaccine Website - Includes Fact Sheets, FAQs, Regulatory information and translations:

<https://www.fda.gov/emergency-preparedness-and-response/coronavirus-disease-2019-covid-19/pfizer-biontech-covid-19-vaccine>

Manufacturer Website:

<https://www.cvdvaccine-us.com>

CDC Website - full of vaccine specific tools and resources:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/index.html>

- Storage Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/storage-summary.pdf>

- Preparation Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/prep-and-admin-summary.pdf>

- Standing Orders:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/standing-orders.pdf>

- Preparation Info Graphic:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/downloads/storage-summary.pdf>

## Moderna Resources

FDA Moderna COVID-19 Vaccine Website - Includes Fact Sheets, FAQs, Regulatory information and translations:

<https://www.fda.gov/emergency-preparedness-and-response/coronavirus-disease-2019-covid-19/moderna-covid-19-vaccine>

Manufacturer Website:

<https://www.modernatx.com/covid19vaccine-eua/providers>

CDC Website - full of vaccine specific tools and resources:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/index.html>

Storage Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/storage-summary.pdf>

Preparation Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/prep-and-admin-summary.pdf>

Standing Orders:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/standing-orders.pdf>



## Janssen Resources

FDA Janssen COVID-19 Vaccine Website - Includes Fact Sheets, FAQs, Regulatory information and translations:

<https://www.fda.gov/emergency-preparedness-and-response/coronavirus-disease-2019-covid-19/janssen-covid-19-vaccine>

Manufacturer Website:

<https://www.janssencovid19vaccine.com>

CDC Website - full of vaccine specific tools and resources:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/janssen/index.html>

Storage Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/janssen/downloads/janssen-storage-handling-summary.pdf>

Preparation Summary:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/janssen/downloads/Janssen-Prep-and-Admin-Summary.pdf>

Standing Orders:

<https://www.cdc.gov/vaccines/covid-19/info-by-product/janssen/downloads/Janssen-Standing-Orders.pdf>