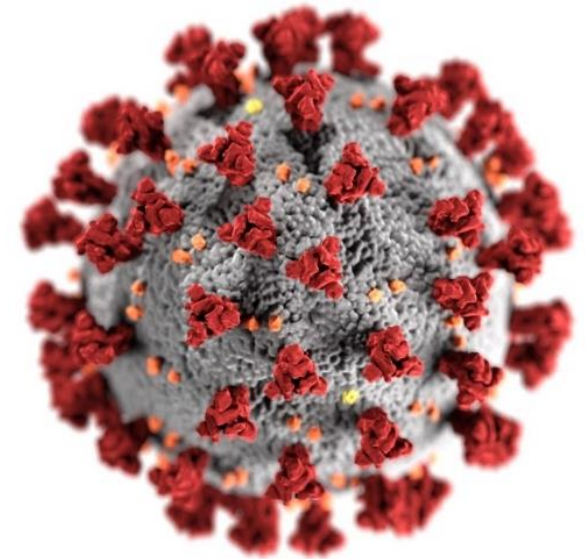


Debunk the Myths and Know the Facts: The COVID-19 Vaccine

*National Center for Health in Public Housing
National Nurse-led Care Consortium*

*Slides Developed by:
CDC COVID-19 Response
Vaccine Task Force
January 2021*



Vaccinate with **Confidence**

cdc.gov/coronavirus

Session Overview

- About COVID-19 vaccines
- Panel Discussion with Dr. Jose Leon and Ms. Monica Harmon
- Q&A



Panelists



Dr. Jose Leon
Chief Medical Officer
National Center for Health in
Public Housing



Ms. Monica Harmon, MSN, MPH, RN
Consultant
National Nurse-led Care Consortium





COVID-19 and Vaccine Basics

What is known about COVID-19?

- Infection with SARS-CoV-2, the virus that causes COVID-19, can result in a range of illness, from mild symptoms to severe illness and death.
- We don't know how SARS-CoV-2 will affect each person.
- Some people, such as adults 65 and older or people with certain medical conditions, are more likely than others to become severely ill.





Age

Older adults who contract COVID-19 have a higher risk of hospitalization and mortality. Roughly one-third of HUD-assisted households are headed by someone aged 65 or older.



Disability

Roughly 23 % of all HUD-assisted households include a person with a disability. The prevalence of disabilities increases their risk for severe illness caused by COVID-19.



Race or Ethnicity

Race can pose risks for COVID-19 infection due to the effects of discrimination and racism. Roughly 66% of HUD-assisted household heads belong to a racial or ethnic minority.



Income/Employment

Roughly 22% of HUD-assisted households report are employed. Those who are working are more likely to be classified as essential workers or in public-facing jobs with higher risk of COVID-19 exposure.



Crowding

The density of people within a household is of great concern in the spread of COVID-19. Overcrowding is much more common among renters than owners.

COVID-19 RISK FACTORS

Public Housing residents are at higher risk for contracting COVID-19 or developing severe illness once they become sick.

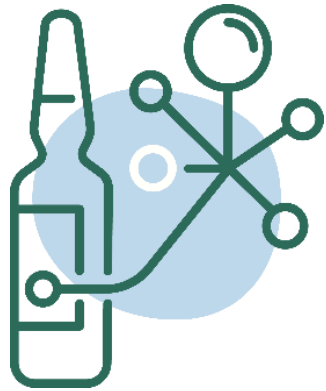
How to prevent COVID-19

- Wear a mask that covers your mouth and nose.
- Avoid close contact with others. Stay at least 6 feet (about 2 arm lengths) from other people.
- Avoid crowds and poorly ventilated spaces.
- Wash hands often with soap and water.
- Use an alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not available.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Clean and disinfect frequently touched surfaces daily.
- Get a COVID-19 vaccine.



COVID-19 vaccination will help protect you from COVID-19

Getting a COVID-19 vaccine...



- Will help create an immune response in your body against the virus



- May help keep you from getting severely ill, even if you do get COVID-19

COVID-19 vaccination is a safer way to build protection

- Getting the virus that causes COVID-19 may offer some natural protection, known as an antibody or immune. But experts don't know how long this protection lasts.
- The risk of severe illness and death from COVID-19 far outweighs any benefits of natural immunity.
- COVID-19 vaccination will help protect you by building immunity without the risk of severe illness.



COVID-19 Vaccines and Vaccine Safety Monitoring

COVID-19 Vaccine:

Comparing Vaccines



Why should I get the vaccine?

Getting a COVID-19 vaccine will help create an immune response in your body against the virus without your having to experience illness. It can help protect you from contracting COVID-19 and may help keep you from getting seriously ill even if you do get COVID-19.

Vaccine Comparisons:

Vaccine #1: Pfizer/BioNTech

Vaccine Name: BNT162b2
Mechanism of Action: mRNA vaccine
Dosing Schedule: Two doses, 21 days apart (30 µg/dose)
Efficacy: 95% at least 7 days after dose 2
Side Effects: Fatigue, Headache



Vaccine #2: Moderna

Vaccine Name: mRNA-1273
Mechanism of Action: mRNA vaccine
Dosing Schedule: Two doses, 28 days apart (100 µg/dose)
Efficacy: 94.1% at least 14 days after dose 2
Side Effects: Fever, Chills, Headache, Myalgia (muscle pain)



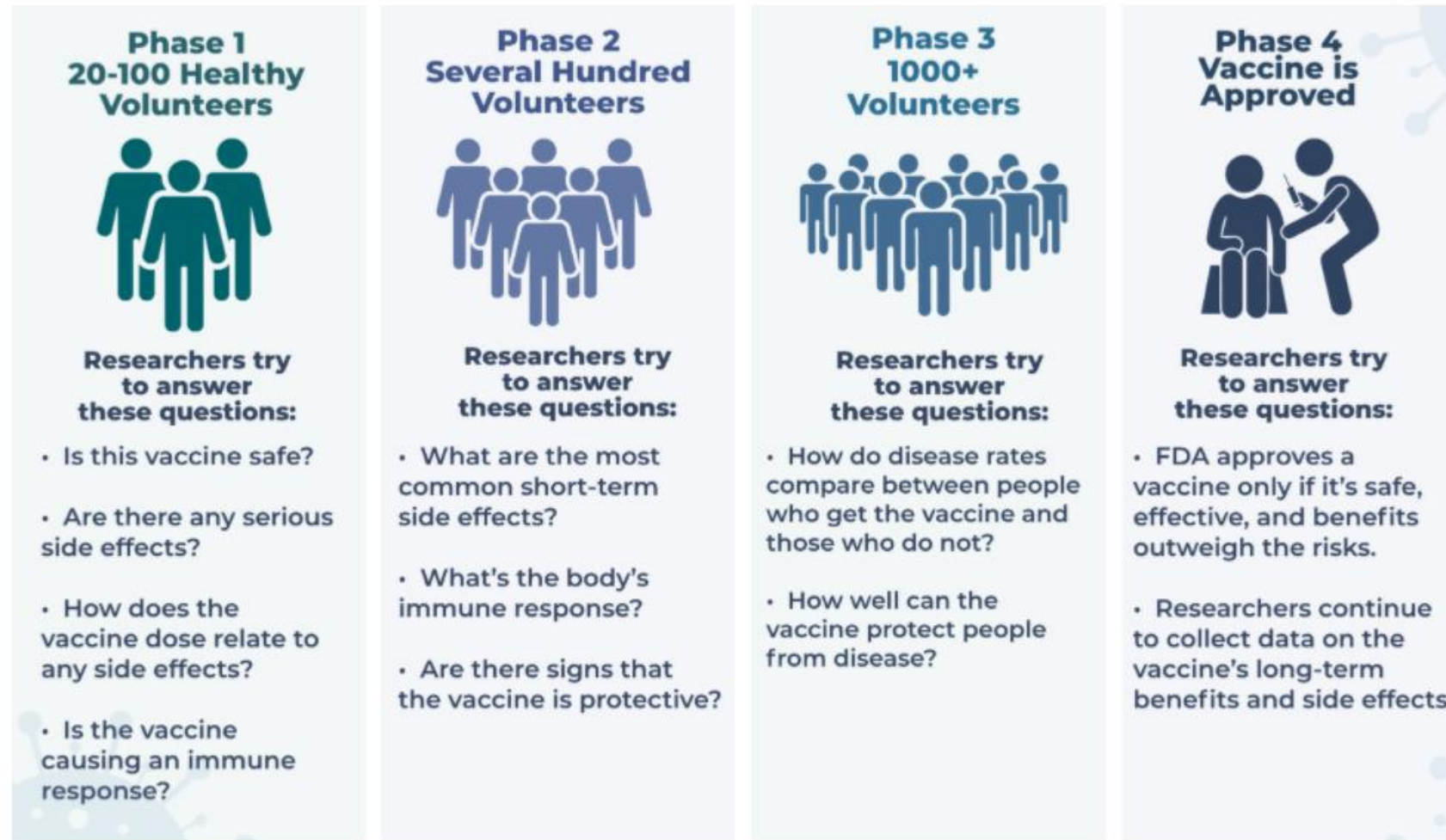
Vaccine #3: Johnson & Johnson/Janssen

Vaccine Name: Ad26.COV2.S
Mechanism of Action: Adenovirus vector vaccine
Dosing Schedule: One dose
Efficacy: 72%, 28 days after a single dose
Side Effects: Headache, Fatigue, Myalgia (muscle pain)
Nausea, Fever



COVID-19 vaccines are being held to the **same safety standards** as all other vaccines.

Phases of clinical trials



Source: <https://covid19community.nih.gov/resources/understanding-clinical-trials>

Safety of COVID-19 vaccines is a top priority

COVID-19 vaccines are being held to the **same safety standards** as all vaccines.

Before Authorization



- **FDA** carefully reviews all safety data from clinical trials.
- **ACIP** reviews all safety data before recommending use.

After Authorization



- **FDA** and **CDC** closely monitor vaccine safety and side effects. There are systems in place that allow CDC and FDA to watch for safety issues.

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

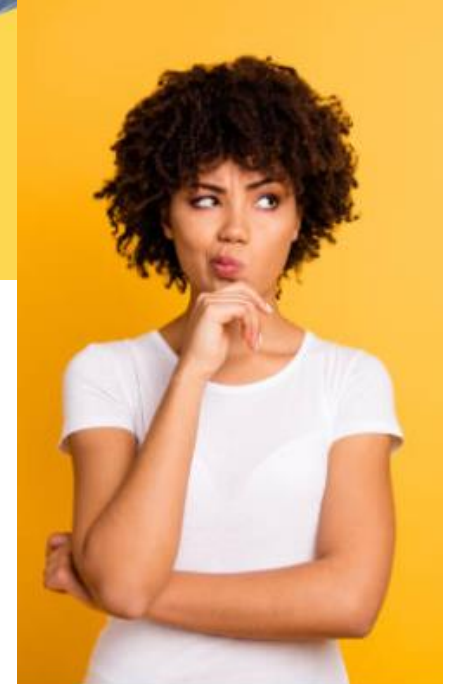


V-safe:

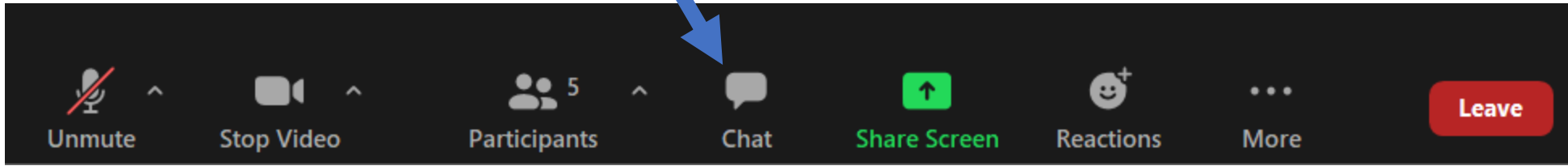
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/vsafe.html>

The Challenge: Need to instill vaccine confidence

- Only **58%** of the general public said they would receive a COVID-19 vaccine
(Data from October 2020 Harris poll)
- Factors weighing on acceptance
 - Are there side effects?
 - Does it work?
 - Is it safe?
 - How much does it cost?



Tyson, A, Johnson, C, & Funk, C. (2020, September 17). *U.S. Public Now Divided Over Whether to Get COVID-19 Vaccine*. Pew Research Center. <https://www.pewresearch.org/science/2020/09/17/u-s-public-now-divided-over-whether-to-get-covid-19-vaccine/>



Chat

- *Reasons for vaccine hesitancy
- *Questions for panelists

To: Everyone

Type message here...

Panel Discussion with Dr. Leon and Ms. Harmon

- How much will the injection hurt?
Can it cause you to get very sick?

- What is the difference between an mRNA vaccine and a vector vaccine?

■ What is herd immunity?



Myths and Facts

After getting a COVID-19 vaccine, will I test positive for COVID-19 on a viral test?

- **No.** Neither the recently authorized and recommended vaccines nor the other COVID-19 vaccines currently in clinical trials in the United States can cause you to test positive on [viral tests](#), which are used to see if you have a **current infection**.



If I have already had COVID-19 and recovered, do I still need to get vaccinated with a COVID-19 vaccine?

- Yes, you should be vaccinated regardless of whether you already had COVID-19. That's because experts do not yet know how long you are protected from getting sick again after recovering from COVID-19. Even if you have already recovered from COVID-19, it is possible—although rare—that you could be infected with the virus that causes COVID-19 again. Learn more about [why getting vaccinated is a safer way to build protection](#) than getting infected.



Will a COVID-19 vaccine alter my DNA?

- **No.** COVID-19 vaccines do not change or interact with your DNA in any way.
- There are currently two types of COVID-19 vaccines that have been authorized for use in the United States: messenger RNA (mRNA) vaccines and viral vector vaccines.



Questions and Answer Period

Protect yourself, your family, friends, coworkers, and your community. Get vaccinated.

- Choose to get vaccinated when it is offered.
- Participate in **v-safe** and help CDC monitor for any health effects after vaccination.
- Share your experience with coworkers, friends, and family.
- Know the basics about the COVID-19 vaccine. Help answer questions from your family and friends.
- Show you received the vaccine by wearing a sticker or button prominently.



Share Your Thoughts on the COVID-19 Vaccines!

Join us for a 1-hour group conversation with Resident Leaders to discuss:

- Thoughts and concerns about COVID-19 vaccines,
- What your community needs to know about COVID-19 vaccines, and
- How to support COVID-19 vaccinations in your community.

Details:

- The group will be hosted on Zoom, join by phone OR computer.
- Each participant will receive a \$20 gift card for their time.
- If you're interested in participating, contact Deepa Mankikar at dmankikar@phmc.org or click [here](#) to register.



Thank you!!!

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