Access speaker bios here: https://files.asprtracie.hhs.gov/documents/be-a-covid-19-vaccinechampion-webinar-bios.pdf

T R A C I E HEALTHCARE EMERGENCY PREPAREDNESS INFORMATION GATEWAY

#### **Be a COVID-19 Vaccine Champion**

May 12, 2021

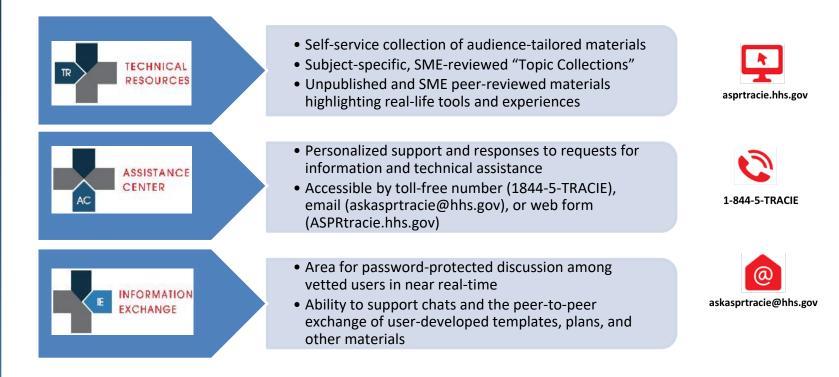


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### **ASPR TRACIE: Three Domains**







Joseph Lamana, BSN, MPA Director, Readiness Division, Office of Emergency Management and Medical Operations, HHS ASPR



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ASPR

### **ASPR Mission**

Save Lives and Protect Americans from Health Security Threats





**Moderator- Meghan Treber, MS** ASPR TRACIE



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#### Resources

- ASPR TRACIE COVID-19 Page
- <u>ASPR COVID-19 Page</u>
  - COVID-19 Vaccine Planning and Considerations
  - COVID-19 Vaccine Resources
- <u>CDC COVID-19 Page</u>
- FDA COVID-19 Page
- <u>Coronavirus.gov</u>

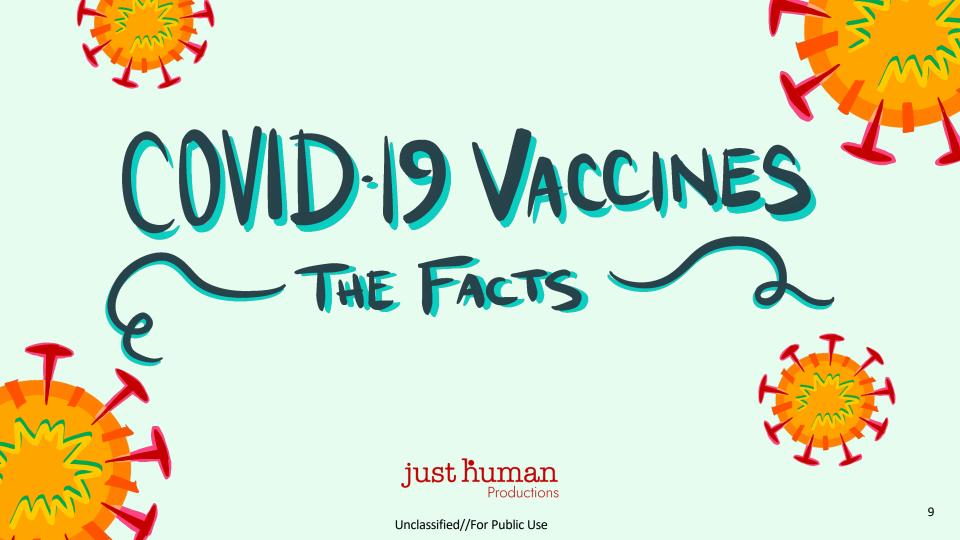
7



#### **Céline Gounder, MD, ScM, FIDSA** CEO, Just Human Productions; Clinical Assistant Professor of Medicine & Infectious Diseases, NYU School of Medicine & Bellevue Hospital



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### HOW THE IMMUNE SYSTEM FIGHTS & CORONAVIRUS

When you're naturally infected with coronavirus, it's a race between the virus and your immune system.

The virus multiplies as fast as it can. It takes time for your immune system to see the virus and launch a counterattack.

### HOW THE IMMUNE SYSTEM FIGHTS & CORONAVIRUS

When the **virus** is **faster** than your immune system, you can get **very sick** and even **die**.



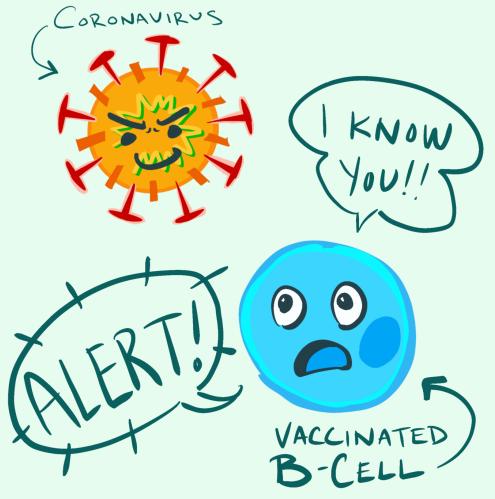
### HOW THE IMMUNE SYSTEM FIGHTS A CORONAVIRUS

When your **immune system faster** than the virus, you may have only **mild symptoms** or none at all.



### HOW VACCINES WORK

Vaccines protect you against disease by teaching your immune system to recognize an infectious pathogen (like viruses and bacteria) before you're exposed to that pathogen.



# COVID-19 VACCINES

	Non-replicating adenovirus	
Pfizer FDA EUA for 12+	Johnson & Johnson FDA EUA for 18+	Novavax
Moderna FDA EUA for 18+	AstraZeneca (trials ongoing)	(trials ongoing)



Both the Pfizer and Moderna COVID vaccines are mRNA vaccines.

COVID is new, but mRNA vaccines aren't.

Scientists have been working on mRNA vaccines since the 1990s for diseases like influenza, HIV, Zika, and cancer.

The first coronavirus mRNA vaccines were developed 20 years ago against SARS and MERS.

mRNA vaccines are easy to manufacture, and they're easy to update for variants.

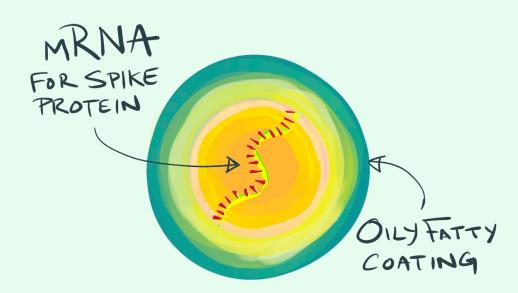
MRNA VACCINES

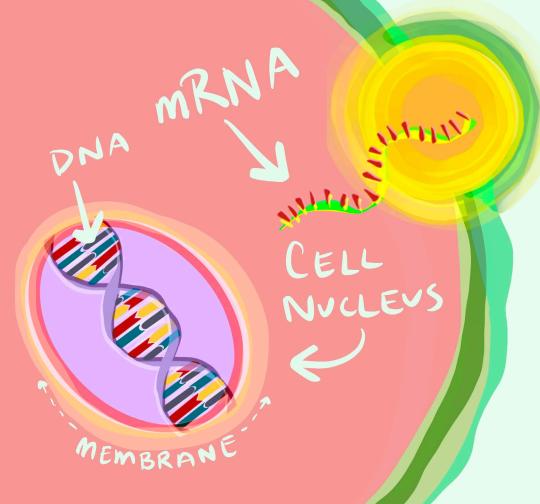
These vaccines are made of an oily, fatty envelope surrounding mRNA.

But instead of carrying all of the coronavirus mRNA, these vaccines **only carry the mRNA for the coronavirus'** Spike protein.

There is no live virus in mRNA vaccines, so you can't get COVID from mRNA vaccines.

The Pfizer and Moderna COVID vaccines are mRNA vaccines.





# MRNA VACCINES

Your DNA is protected inside the cell nucleus.

mRNA can't travel into the cell nucleus, so mRNA vaccines **can't change your DNA.** 

# NON-REPLICATING ADENOVIRUS VECTOR VACCINES

The Johnson and Johnson COVID vaccine is a nonreplicating adenovirus vector vaccine.

Scientists have been working on non-replicating adenovirus vector vaccines since the 1970s for diseases like influenza and HIV.

Ebola vaccines are made using this same technology.



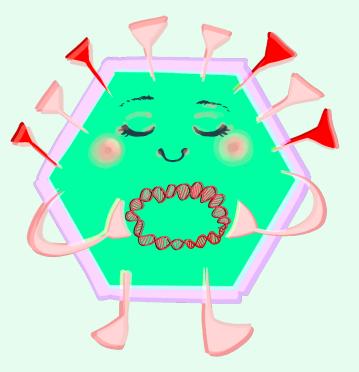
# NON-REPLICATING ADENOVIRUS VECTOR VACCINES

Just like mRNA vaccines, non-replicating adenovirus vector vaccines deliver the code for Spike protein to your cells.

What's different is the technology used to deliver that code.

These vaccines are **non-replicating** virus vectors, which means they're not live virus and can't give you COVID.

These vaccines cannot change your DNA.



# THE CLINICAL TRIALS A SUMMARY of the KEY RESULTS

	Pfizer	Moderna	Johnson & Johnson
Technology	mRNA	mRNA	Adenovirus vector
Number of participants	43,448	30,420	44,325
Vaccine effectiveness: hospitalization or death	100%	100%	100%

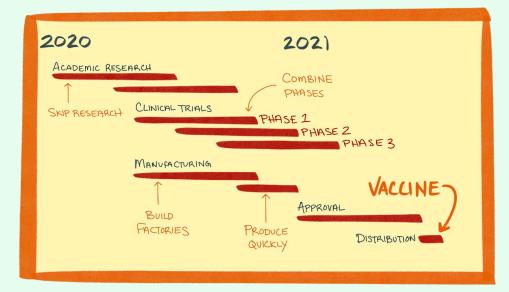
Not one person in the three vaccine trials who got the vaccine died of COVID

Data growing the vaccines also prevent (but do not eliminate) transmission of the virus

# HOW WERE THEY DEVELOPED SO FAST?

- Researchers used existing study networks to enroll patients
- Parts of Phase I-II-III-IV studies were conducted simultaneously
- Manufacturing of the vaccine began even before the studies had been completed
- mRNA vaccines are easier to produce

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



# ARE THEY EFFECTIVE? ARE THEY SAFE?

# VACCINE EFFECTIVENESS

Vaccine	Pfizer	Moderna	
Dosing	2 doses, 3 weeks apart	2 doses, 4 weeks apart	
Participants	Over 43,000	Over 30,000	
VE: hospitalization & death	100% (2 weeks after 2 <sup>nd</sup> dose)	100% (2 weeks after 2 <sup>nd</sup> dose)	
VE: COVID	95%	94%	
Risk of transmitting virus	$\checkmark \downarrow$	$\checkmark \checkmark$	

# VACCINE EFFECTIVENESS

Vaccine	1&1	
Dosing	1 dose	
Participants	Over 40,000	
VE: hospitalization & death	100% (4 weeks after 1 <sup>st</sup> dose)	
VE: COVID	72% (in USA)	
Risk of transmitting virus	$\downarrow$	

### WILL THESE VACCINES WORK FOR SOMEONE LIKE ME? HERE'S WHO WAS IN THE STUDIES:

Vaccine	Pfizer	Moderna	1&1	
Race/Ethnicity	28% Latinx 9% Black 4% Asian 1% Indigenous	21% Latinx 10% Black 5% Asian 1% Indigenous	44% USA: 15% Latinx 13% Black 6% Asian 1% Indigenous	
Sex	51:49 Male:Female	53:47 Male:Female		
Age	42% ages 55+	25% ages 65+	34% age 60+	
Comorbidities	Lung/heart/liver disease, obesity, diabetes, cancer, HIV		41%	

### THE PFIZER, MODERNA, and J+ VACCINES ARE EFFECTIVE IN ALL RACIAL AND ETHNIC GROUPS ALL AGE GROUPS ALL GENDERS AND IN PEOPLE WITH UNDERLYING MEDICAL CONDITIONS

# ARE THE VACCINES SAFE?

- No significant safety concerns were identified in the clinical trials.
- It is unusual for vaccine side effects to appear more than 8 weeks after vaccination.
- The pharmaceutical companies waited until they had at least 8 weeks of safety data after vaccination on all participants before submitting their data to the FDA.
- Our real-world experience is also reassuring. As of May 5, 2021, 250 million COVID vaccine doses had been administered in the USA and a total of 1.2 billion doses worldwide.
- The vaccines are safe.

# ARE THE VACCINES SAFE?

Pfizer	Moderna	Johnson & Johnson
Injection site reaction 84% Fatigue 63% Headache 55% Muscle pain 38% Chills 32% Joint pain 27% Fever 14%	Injection site reaction 92% Fatigue 69% Headache 63% Muscle pain 60% Joint pain 45% Chills 43%	Injection site pain 49% Fatigue 38% Muscle pain 33% Headache 39% Nausea 14%

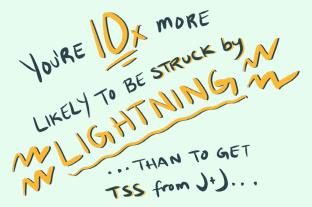
Serious allergic reactions/anaphylaxis 0.0005% Serious allergic reactions/anaphylaxis 0.0005%

Blood clots (TTS) 0.0002%

# HROMBOSIS WITH THROMBOCYTOPENIA SYNDROME (TSS)

- Low platelets and blood clots
- Symptoms begin ~1-2 weeks after receiving vaccination: headache, shortness of breath, abdominal pain, leg pain/swelling

Rate of TTS	Risk of blood clots		
after J&J vaccination	if hospitalized with COVID		
Females 18-49: 0.0007% Female 50+: 0.00009% Males: 0%	20%		



- Do **NOT** treat with heparin
- 15 reports of blood clots with low platelet counts out of 4M doses were given to women

# IS IT SAFE FOR ME TO GET VACCINATED IF ...

I have	l am
Already had COVID	Trying to get pregnant
Cancer	Pregnant
An organ transplant	Breastfeeding
HIV/AIDS	A cancer survivor
Food allergies	
(e.g. eggs, peanuts, shellfish)	



# WHO SHOULD NOT GET A VACCINE?

#### Contraindications (avoid)

- Severe/immediate allergic reaction to the first dose
- Known severe/immediate allergy to polyethylene glycol or polysorbate (found in many medications, laxatives, antacids, toothpaste, skin care products)

#### Precautions (weigh risk vs benefit)

 History of immediate allergic reaction to any other vaccine/injectable therapy

THE VARIANTS	United Kingdom	South Africa	Brazil	New York	India
Name	B.1.1.7	B.1.351	P.1	B.1.526	B.1.617
Key mutation	N501Y	N501Y, E484K	N501Y, E484K	E484K, S477N	L452R, E484K, P681R
Infectiousness	$\uparrow\uparrow$	?	?	←	?个
Virulence (disease severity)	¢	?	?	_	?个
Immune response to earlier strains still protective?	$\rightarrow$	$\downarrow \downarrow \downarrow \downarrow$	$\downarrow \downarrow \downarrow$	$\rightarrow$	$\checkmark$
Vaccine effectiveness	Yes, but ↓	Yes, but $\downarrow \downarrow \downarrow \downarrow$	Yes, $\downarrow \downarrow$	Yes, but ↓	Yes, but $\downarrow$

# VACUNE EFFECTIVENESS AGAINST THE VARIANTS

- The Pfizer, Moderna, and J&J vaccines all remain effective against the known variants.
- The Pfizer and Moderna clinical trials were conducted prior to the emergence of variants.
- Only the J&J vaccine was formally tested in clinical trials against variants.
- J&J vaccine is highly effective against severe disease from known immuneevading variants:
  - USA: 86% protective
  - Brazil (P.1 widespread): 87% protective
  - South Africa (B.1.351 widespread): 82% protective



**Syra Madad, DHSc, MCP** Senior Director, System-wide Special Pathogens Program, NYC Health + Hospitals



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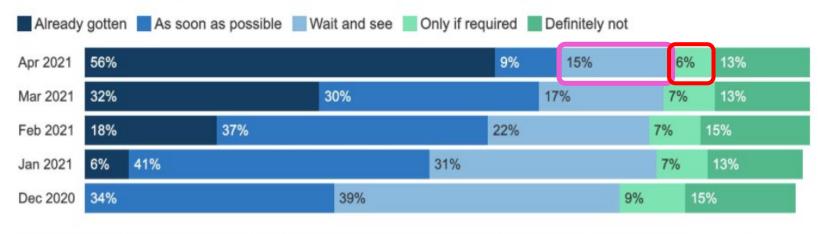
### **Effective Communication Strategies**

- 1. Starting a conversation
- 2. Word and phrase choices
- 3. Motivational discussions
- 4. Debunking myths and addressing misinformation through truth sandwich approach
- 5. Keeping the conversation ongoing

Figure 1

#### Over Half Of Adults Report Receiving A COVID-19 Vaccine, But Demand May Be Slowing As Eager Group Shrinks

Have you personally received at least one dose of the COVID-19 vaccine, or not? When an FDA authorized vaccine for COVID-19 is available to you for free, do you think you will...?



NOTE: December 2020 survey did not have an option for respondents to indicate they had already been vaccinated. See topline for full question wording. SOURCE: KFF COVID-19 Vaccine Monitor • Download PNG

KFF COVID-19 Vaccine Monitor

https://www.kff.org/coronavirus-covid-19/poll-finding/kff-covid-19-vaccine-monitor-april-2021



Figure 4

#### Majorities Across Demographic Groups Are At Least Somewhat Open To COVID-19 Vaccine; Older Adults, Democrats Most Enthusiastic; Younger Adults, Republicans Least Enthusiastic

Have you personally received at least one dose of the COVID-19 vaccine, or not? When an FDA authorized vaccine for COVID-19 is available to you for free, do you think you will...?

Already received at least one dose Get vaccinated ASAP Wait and see Only if required Definitely not

Ages 65 and older	76%									8%	10%
Democrats	70%							10%	1	2%	
College graduates	75%								8	%	8%
Individual w/serious health condition	64%						8%	139	%		10%
Ages 50-64	63%					7	%	13%			12%
White adults	60%					6%	13%	6	69	6 13	3%
Suburban residents	58%				9	%	13	%		1	4%
Hispanic adults	47%			17%			18%			7%	9%
Urban residents	55%				9%		19%			6%	9%
Total	56%				9%	)	15%		6	% 1	3%
No serious health condition	52%			99	6	16	%		7%	13	%
Independents	48%			11%		19%			7%	1	3%
White Evangelical Christians	54%					13%		6%	209	6	
Black adults	51%			9%		19%	b		79	6 1	3%
Ages 30-49	48%			11%		16%			7%	16%	
Adults without a college degree	48%			10%	1	9%			7%	15	%
Republicans	52%				14%		8	3%	20%		
Rural residents	50%				16%			9%	1	7%	
Ages 18-29	40%		10%	24%	5			1	2%	1	2%

### This varies by age, race, and political beliefs

NOTE: See topline for full question wording. SOURCE: KFF COVID-19 Vaccine Monitor (April 15-29, 2021) • Download PNG KFF COVID-19 Vaccine Monitor

50010E. N. F. 00115-13 Vaccine monitor (April 13-23, 2021)

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https://www.kff.org/coronavirus-covid-19/poll-finding/kff-covid-19-vaccine-monitor-april-2021



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### Side Effects and Safety are Leading Concerns

Figure 12

#### Concerns About COVID-19 Vaccines Vary By Vaccination Intention

Percent who say they are very or somewhat concerned about each of the following when it comes to the COVID-19 vaccine:

	Total	As soon as possible	Wait and see	Only if required	Definitely not
Might experience serious side effects	76%	56%	84%	75%	80%
The COVID-19 vaccines are not as safe as they are said to be	70%	39%	78%	65%	84%
Might be required to get vaccine even if they don't want to	59%	25%	61%	76%	72%
Might need to miss work if the side effects of the vaccine make them feel sick for a day or more	48%	42%	54%	48%	46%
The COVID-19 vaccine may negatively impact their fertility in the future*	48%	28%	44%		66%
May be required to provide a social security number or government issued ID in order to get the COVID- 19 vaccine	34%	25%	33%	35%	41%
Won't be able to get the vaccine from a place they trust	32%	37%	37%	33%	21%
Might have to pay an out-of-pocket cost to get the COVID-19 vaccine	32%	45%	33%	36%	19%
Might need to take time off work to go and get the COVID vaccine	20%	21%	21%	20%	18%
It will be difficult to travel to a vaccination site	15%	24%	17%	13%	8%
NOTE: Among those who have not been vaccinated for COVI to show the "Only if required" group. See topline for full quest	on wording.	_	18-49 and had too si	mall a sample size	KFF COVID-19 Vaccine Monitor

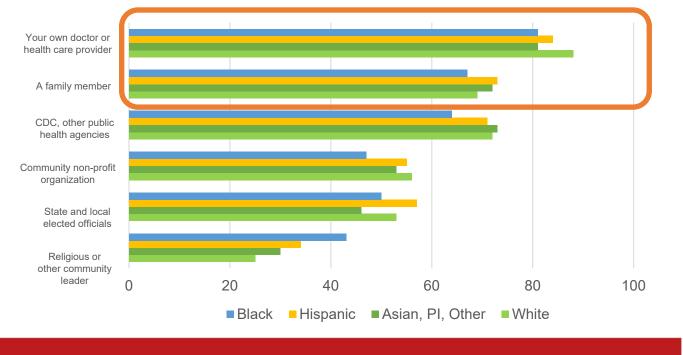
SOURCE: KFF COVID-19 Vaccine Monitor (April 15-29, 2021) . Download PNG

https://www.kff.org/coronavirus-covid-19/poll-finding/kff-covid-19-vaccine-monitor-april-2021



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### NY Survey: Family Members and Healthcare Providers are New Yorkers' Most Trusted Sources for COVID-19 Vaccine Information



https://drive.google.com/file/d/1BRx7AtVxK7EC205sUvgfK2uuUq\_4zQcf/view



# **Starting a Conversation: Guiding Principles**

- Lead with **Empathy** 
  - "The last year has been really hard for all of us. Do you want to talk about your experience?"
  - "You may be hearing a lot about COVID vaccines. Tell me what you think about them."
- Be an Active Listener and Provide Tailored Information
  - "Can you tell me more about your concerns?"
  - "Even young people are at risk for bad outcomes from getting COVID19."
- Ask Open-Ended Questions and Validate Their Emotions and Concerns
  - "How did watching that news report make you feel? What did you do next?"
  - "You're not alone in thinking that. Several of my coworkers / friends / family members have similar concerns."

# **Word Choice**

• Use simple, clear words that are positive and proven to be effective

More of These	Less of These
Benefits	Consequences
Family	Community
Pandemic	COVID-19
Saving lives	Deaths



# **Phrase Composition**

- Use easy to understand phrases about effectiveness
- Positive phrases help to motivate people

Use More Positive Phrases	Instead of Negative Phrases
Getting vaccinated will help you and your family stay healthy and safe.	You could get really sick or even die if you don't get the COVID-19 vaccine or it's the right thing to do.
Getting vaccinated will allow you to spend time inside—like we used to—with other family members and friends who are also vaccinated	We'll never be able to get back to normal if enough people don't get vaccinated.
America's leading scientists and medical experts researched and lead the development of these life-saving vaccines	The drug companies developed the COVID-19 vaccines really fast to help end the pandemic





de Beaumont

### LANGUAGE THAT WORKS **TO IMPROVE VACCINE ACCEPTANCE Communications Cheat Sheet**

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Vaccina

experts

America's leading

about the vaccine

TIPS



TAILOR YOUR MESSAGE FOR YOUR AUDIENCE. Americans' perceptions about vaccines and their safety differ by political party. race, age, and geography.



**EXPLAIN THE BENEFITS OF** GETTING VACCINATED, NOT JUST THE CONSEQUENCES OF NOT DOING IT. Say, "Getting the vaccine will keep you and your family safe,"

rather than calling it "the right thing to do." Focus on the need to return to normal and reopen the economy.



TALK ABOUT THE PEOPLE BEHIND THE VACCINE. Refer to the scientists, the health and medical experts, and the researchers - not the science, health, and pharmaceutical companies.

AVOID JUDGMENTAL LANGUAGE



WHEN TALKING ABOUT OR TO PEOPLE WHO ARE CONCERNED. Acknowledge their concern or skepticism and offer to answer their questions.



"EVERY" TO EXPLAIN THE VACCINE DEVELOPMENT PROCESS, For example: 'Every study, every phase, and every trial was reviewed by the FDA and a safety board."

RESOLVE

THE SAME LUN

USE (AND REPEAT) THE WORD

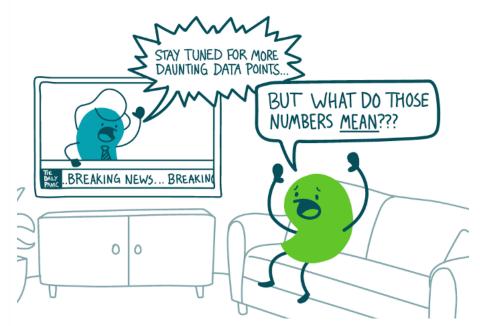


**Use These Use These** Words MORE: Words LESS:

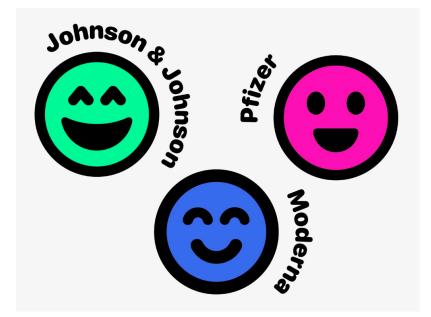
efits of t	The consequences of not taking it
the vaccine p you safe	Getting the vaccine is the right thing to o
n to	Predictability/ certainty
mily	Your community
experts	Scientists/health experts
h	Discover/create/
researchers	Drug companies
e from vns	Inability to travel easily and safely
parent, s process	The dollars spent: number of participants
	Security
ceutical lies	Drug companies
ed/ breaking	Historic
tion	Injection/ inoculation

The world's leading experts

Skeptical/concerned Misled/confused about the vaccine



## All Current COVID-19 Vaccines are Extremely Effective in Preventing Serious Illness and Death





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# **Explaining Vaccine Development Process**

#### Speed of Vaccine Development

Explain the reasons the COVID-19 vaccines were able to be developed so quickly:



Given the unprecedented public health emergency of the COVID-19 pandemic, there were groundbreaking collaborations between medical experts and researchers across the world.



Researchers have been studying coronaviruses for decades, so they were able to get to work quickly on developing the COVID-19 vaccine once the genetic code of the virus that causes COVID-19 was understood.

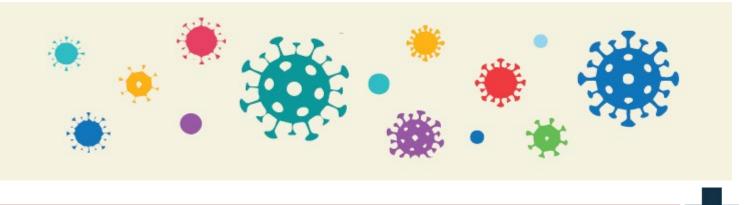


Because of the urgency of COVID-19 pandemic, both the FDA and CDC made the review and approval of COVID-19 vaccines their highest priority.



# **Explaining Variants and Impact to Vaccines**

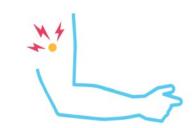
- Current COVID-19 vaccines still offer substantial protection against these variants, including the prevention of severe disease
- It is important to get vaccinated to prevent continued community spread and the introduction of new variants





# Use Simple Sentences about Side Effects and Safety

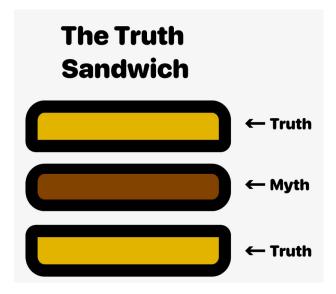
- All COVID-19 vaccines were tested in clinical trials involving tens of thousands of people to make sure they are safe and effective in protecting adults of all ages, races and ethnicities
- 115 million Americans have been fully vaccinated.
- Real world results show the vaccines are extremely effective and safe
- Mild side effects are normal with any vaccine and last a few days
- Severe allergic reactions are extremely rare
- Safety monitoring is working and the government is prioritizing the safety of Americans as seen with the J&J vaccine



# Use a "Truth Sandwich" to Debunk Myths and Misinformation

Myth: Getting the COVID-19 vaccine gives you COVID-19

- **Truth**: The vaccine for COVID-19 cannot and will not give you COVID-19.
  - Misinformation: The vaccines do no contain the live virus, so you cannot get it from the vaccine. It only contains a short code to make a 1 piece of the virus called the spike protein which helps the immune system build protection against COVID-19
- **Truth**: Getting vaccinated reduces the risk of severe disease, hospitalization and death.



# **Motivational Discussions and Benefits**

- Emphasize new **benefits** of getting vaccinated:
  - Vaccinated adults can freely mingle with other vaccinated adults.
  - Gather indoors with low-risk unvaccinated people.
  - Engage in activities outdoors without wearing a mask in non-crowded settings.
  - Peace of mind!
- Share your own reasons/story for getting vaccinated:
  - My reasons: protect myself, family and those around me. To get back to normal, enjoy activities I love doing like hosting dinners and help end the pandemic.



### My COVID-19 Battle Buddy Story

- My COVID-19 Battle Buddy was once hesitant to get the COVID19 vaccine
- Just recently she got vaccinated after talking with loved ones on why getting vaccinated is important as well as her own personal experience with getting COVID-19 and living with long-COVID.



Today, after months of communicating with my assigned COVID19 Battle Buddy @NYCHealthSystem, checking up on one another, and helping each other cope through this public health crisis, we finally met in person during one of my site visits to Jacobi Medical Center



# **Keep the Conversation Ongoing**

- Help make their vaccination happen:
  - Offer to make their appointment
  - Provide transportation
  - Offer childcare





https://emergency.cdc.gov/coca/ppt/2021/030921\_slide\_2.pdf

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ASSIGNATION ALTONOMY AND A CONTRACT AND A CONTRACT

# **Understanding COVID-19**

## Vaccines

Understanding COVID-19 Vaccines A guide to learning about COVID-19 vaccines



https://hhinternet.blob.core.windows.net /uploads/2021/03/understanding-covid-19-vaccines.pdf

#### **About This Guide**

This guide shares information about vaccination and COVID-19 vaccines, to help answer your questions and address your concerns. You will find information to help keep you, your family and community safe. You will be able to use what you learn and be empowered to make decisions that work for **YOU**. You have a voice, and can also share this knowledge with your loved ones, on social media, or in your community.

#### A Glance at What's Inside

#### Section 1: Understanding Vaccination and Immunity

The importance and purpose of vaccination	.3
How do vaccines work?	4
What are mRNA vaccines?	.5
What are adenovirus vector vaccines?	.6
Natural immunity and vaccine-induced immunity	.7

#### Section 2: Vaccine Development, Safety, and Efficacy

٠	COVID-19 vaccine development and clinical trials	1
٠	Safety and efficacy of vaccines13	\$
+	Variant strains	

#### Section 3: Safety Tips and Resources

٠	Common short term side effects	16
+	Staying safe before and after vaccination	17
	Trusted sources for more information	18

#### NYC Health + Hospitals Voices

"I got the COVID vaccine to protect myself, my family, my patients, and my community. The sooner we can all get vaccinated, the sooner we can all together return to normal life!"

- Celine Gounder, MD Former member of the Biden-Harris Transition COVID-19 Advisory Board

"As a Pediatrician and Director of Equity, Quality & Safety at NVC HH1, I believe strongly that vacanes are safe, effective and are the most promising path forward to regaining our humanity and putting and this devastating pandemic behind us forever. The medical evidence shows that the approved COVID vaccines are safe and work well in all people, something that can boly outle us in the fight against this virus. Therefore, we all have to do our part to get vaccinated to protect ourselves, our families, and our communities so we can all emerge on the other side of this stronger together!"

> – Louis H. Hart III, MD Director of Equity, Quality & Safety

"New York City has gotten through this pandemic by standing in solidarity with mask wearing, social distancing, and testing – getting your vaccine is the final step in keeping your family, community, and city safe."

Theodore Long, MD, MHS Senior Vice President, Ambulatory Care and Population Health

"The COVID vaccine is one powerful tool that we have to protect ourselves and each other from COVID. The reality of vaccine acceptance among the community is complex. The responsibility of making the experience safe and trusting are responsibilities that we share as a community."

> Khoi Luong, MD Post-Acute Chief Medical Officer

حمي نفسك عائلتك وأحبابك، تلقح ضد الكورونا، الوقاية خيرمن العلاج

> – Rabea Khedimi, MD Infectious Disease Physician

"As nurses, we all understand the critical importance of preventative medicine, and today, we have one of the most important tools available to us to help prevent the continuing spread of COVID-19: a safe and effective vaccine. Getting the COVID-19: vaccine yourself, and encouraging others to get vaccinated, is the best way to protect yourself and the people around you. Stopping a pandemic requires using every available resource...so we are all able to concert face to face again."

> - Natalia Cineas, DNP, RN, NEA-BC Chief Nurse Executive

#### 我已经接受COVID疫苗的两次注射。我在此希望 大家为了自己家人,身切亲朋好友及社区人群的健 康。积极参与接种疫苗的活动。

- Christopher Ding, MD Emergency Medicine Resident

"Me vacune para proteger a mi familia, amigos, y pacientes. La vacuna es segura, y nos ayudara volver a la normalidad."

> Leonel Lopez III, MD, MHS Director, Equity and Evaluation, Office of Ambulatory Care and Population Health

کوویڈ 19 ویکسین ہمارے جسم کو بیماری سے لڑنے میں مدد دیتی ہے اور ہمیں کوویڈ 19 وائرس سے محفوظ رکھتی ہے

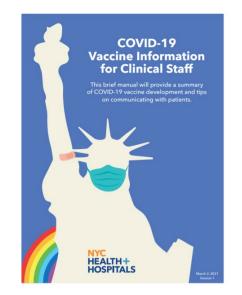
> Syra Madad, DHSc, MSc Senior Director, System-wide Special Pathogens Program

<sup>17</sup> Can understand the concerns about a new vaccine, but when you look at what we know about COVID - how devastaring an illness it is, the deaths and the long-term consequences that we are still learning about, and you compare that to the science of the vaccine and how well they work at preventing severe sickness and death from COVID, for me it was a clear choice. I am vaccinated, and I feel a bit more at ease knowing that many of my family members are also vaccinated.

> - Nichola Davis, MD, MS Vice President and Chief Population Health Officer, Office of Population Health



### COVID19 Vaccine Information & Communication Strategies for Clinical Staff



https://hhinternet.blob.core.windows.net/uploads/20 21/03/covid-19-vaccine-information-for-clinical-staffand-communication-strategies.pdf

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### **Question & Answer**



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