

COVID-19 Vaccination -
Turning Your "Maybe"
into a "Yes"
April 29, 2021

ANA  ENTERPRISE

IDSA
Infectious Diseases Society of America



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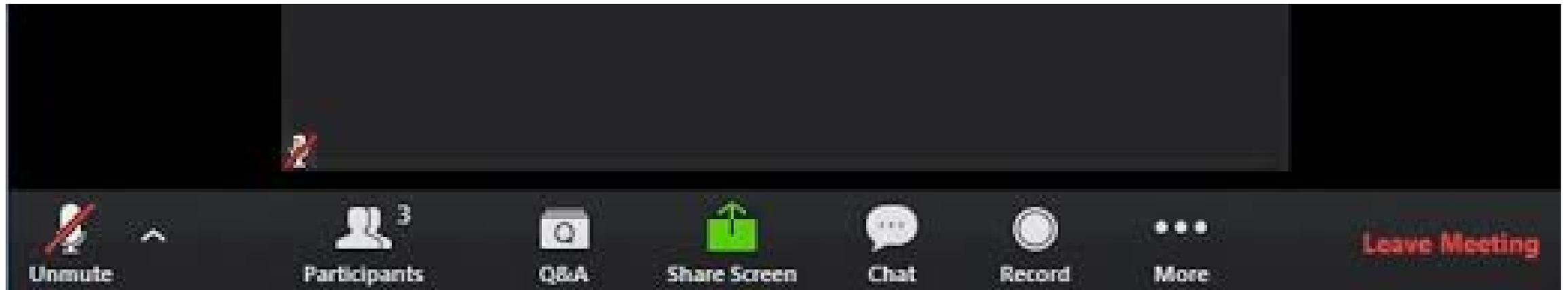
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Question?
Use the "Q&A" Button



Comment?
Use the "Chat" Button



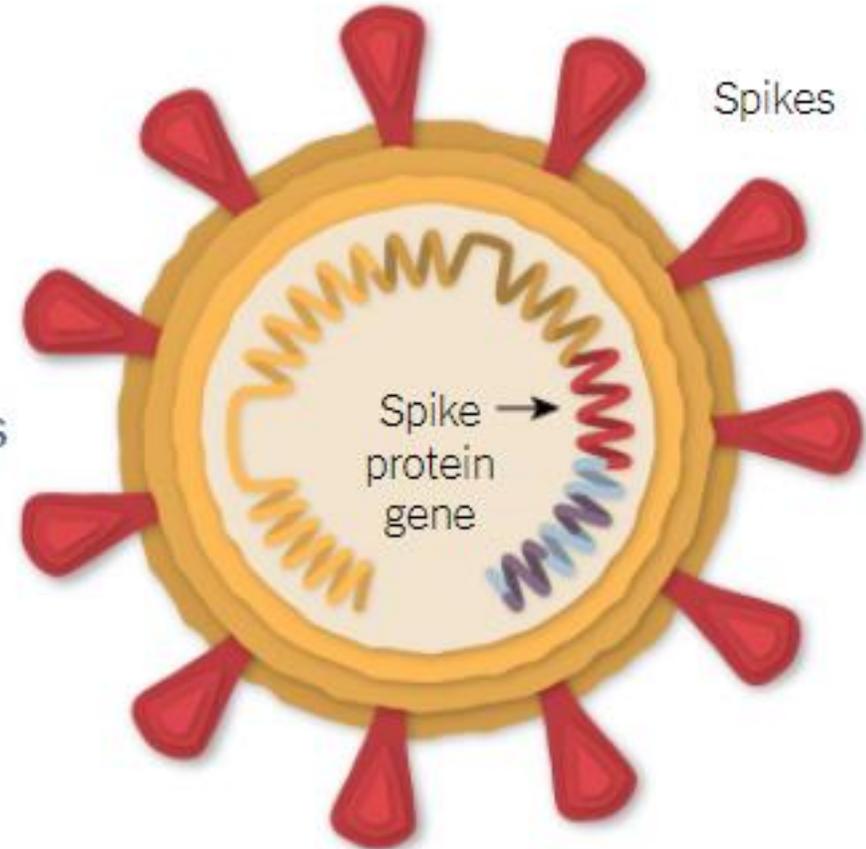
Agenda

1. COVID-19 Vaccines: Brief Overview
2. COVID-19 Vaccine Availability, Access & Uptake
3. The Critical Role of the Nursing Community
4. Q&A

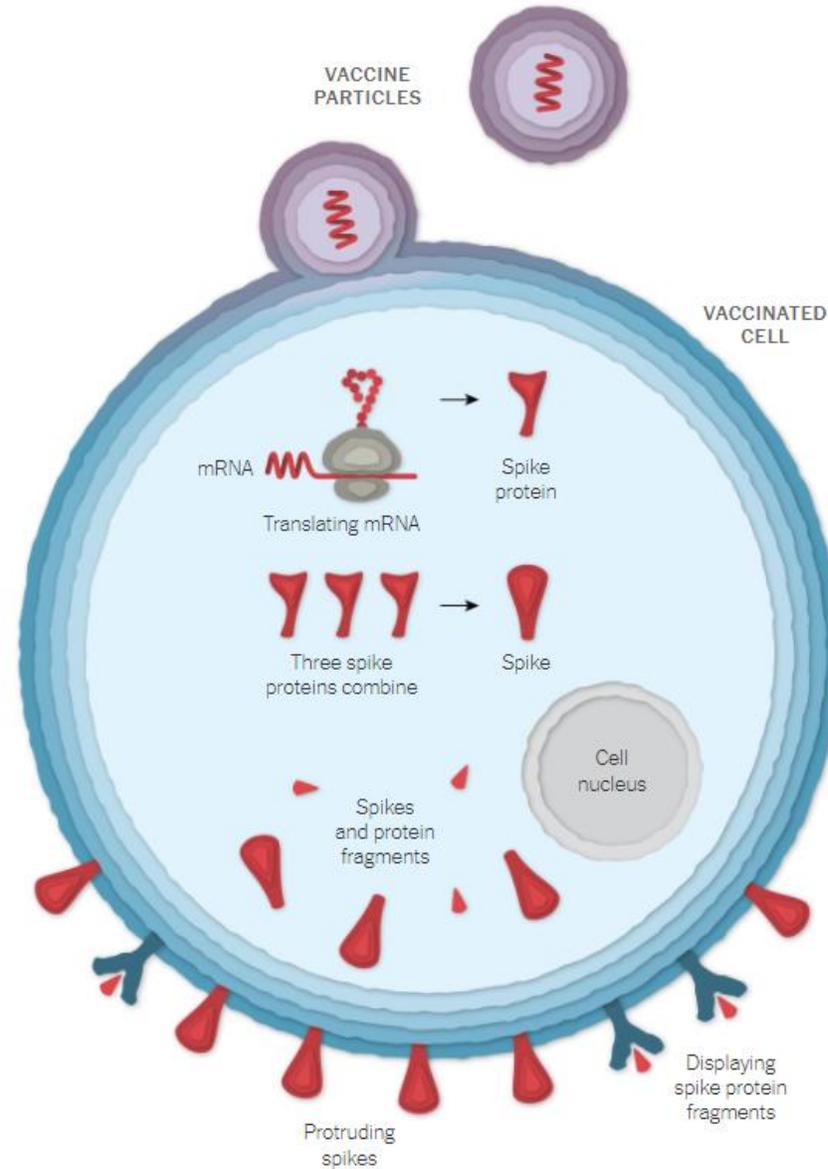
COVID-19 Vaccines: Brief Overview

SARS-CoV-2

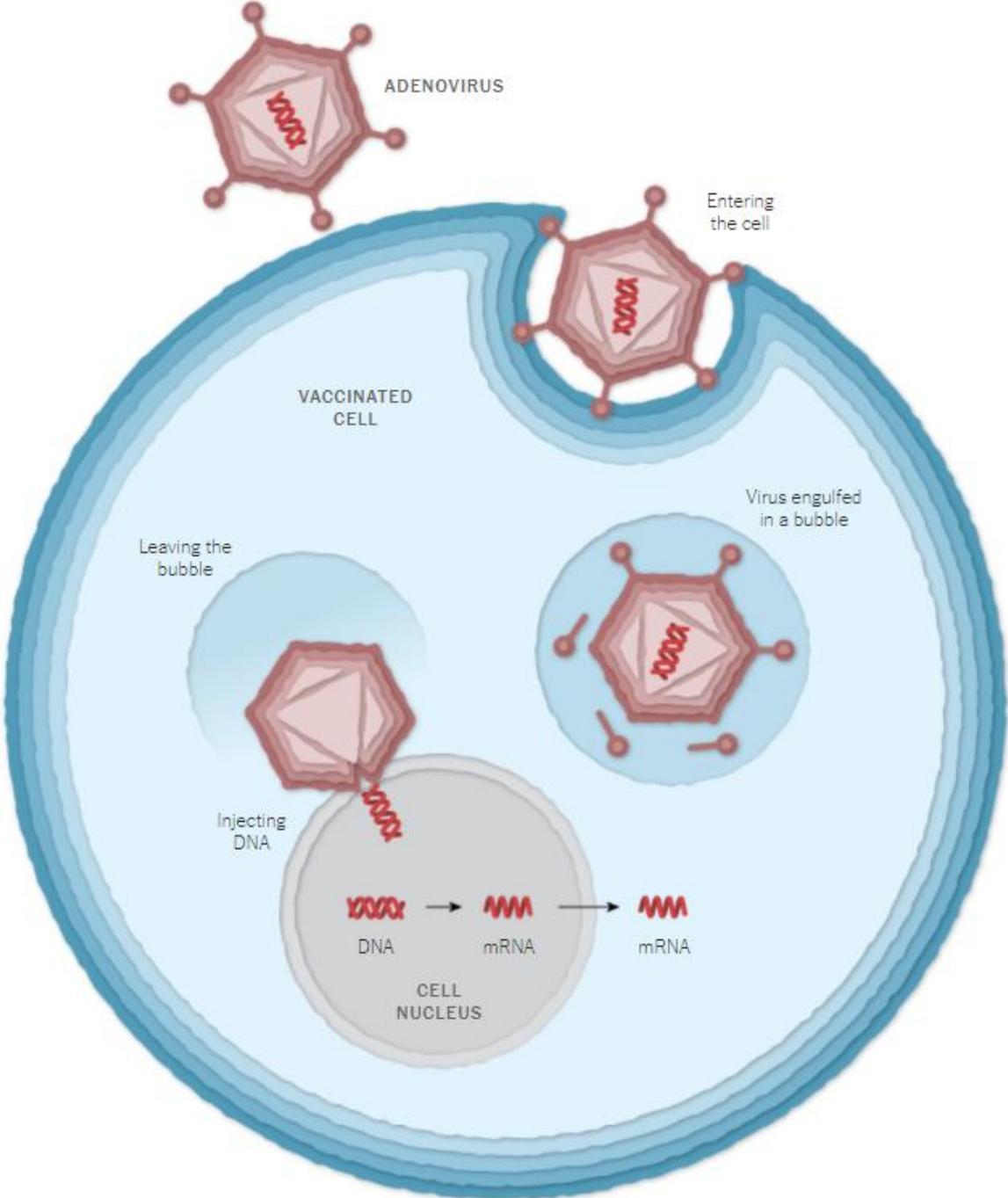
CORONAVIRUS

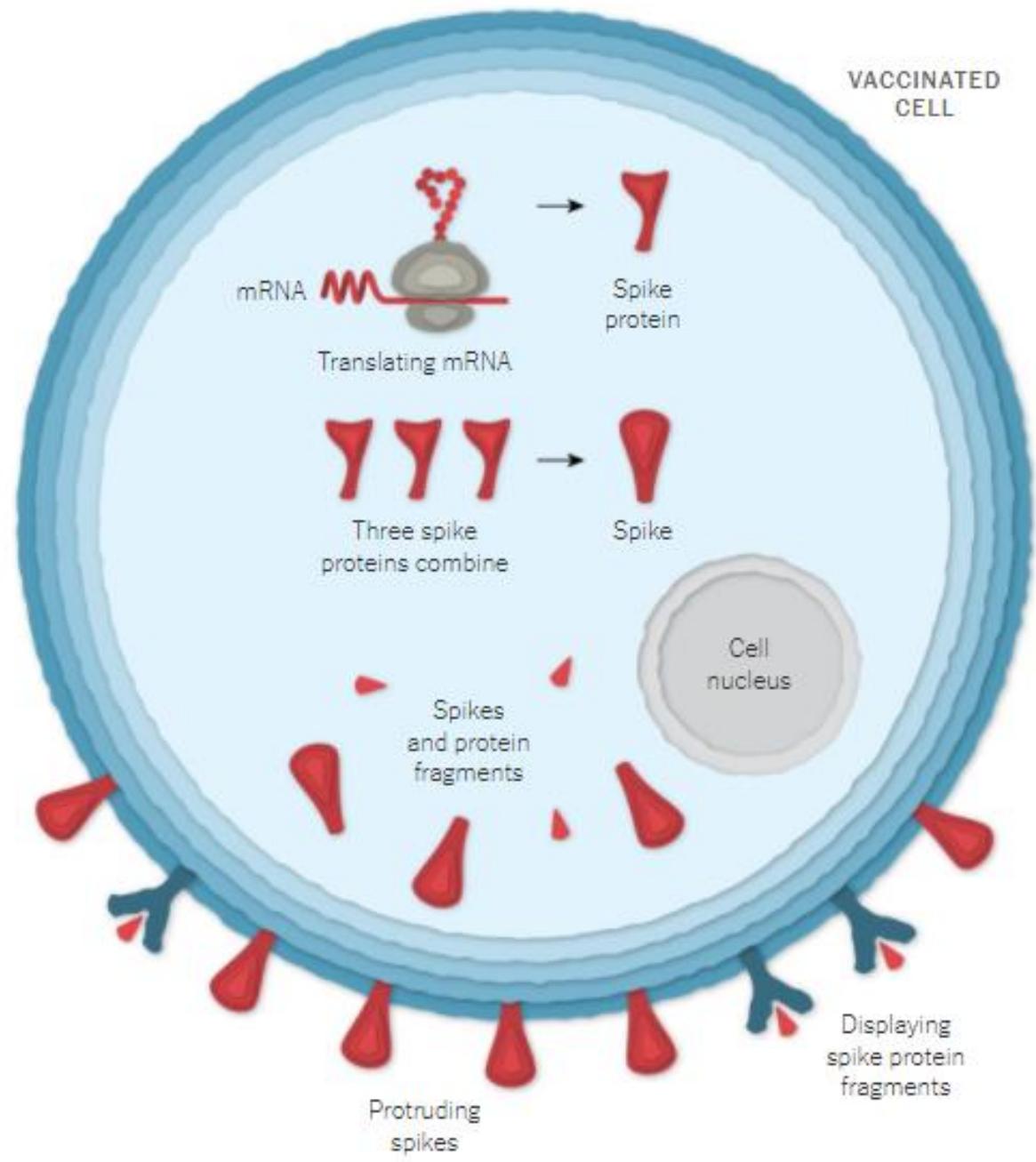


mRNA Vaccines



Adenoviral vector





Thrombosis with thrombocytopenia syndrome (TTS)

Clot and low platelets

Associated with antibodies to Heparin

Often presents as Cerebral venous sinus thrombosis (CVST)

Reporting rates of TTS after Janssen COVID-19 vaccine

- 7.98 million vaccine doses administered* and 15 confirmed TTS cases† as of April 21, 2021
 - Some age- and sex-specific doses administered data were imputed
 - Additional potential TTS cases under review, including potential male cases

Age group	Females			Males		
	TTS cases	Doses admin	Reporting rate‡	TTS cases	Doses admin	Reporting rate‡
18-49 years old	13	1,866,294	7.0 per million	0	1,977,330	0 per million
50+ years old	2	2,125,239	0.9 per million	0	2,010,144	0 per million

* Source of doses administered: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>; † One case was excluded from the final analysis: a female aged <50 years who had concurrent diagnosis of COVID-19 and TTS following receipt of Janssen vaccine; ‡ Reporting rate = TTS cases per 1 million Janssen COVID-19 vaccine doses administered

Reporting rates of TTS after Janssen COVID-19 vaccine in women

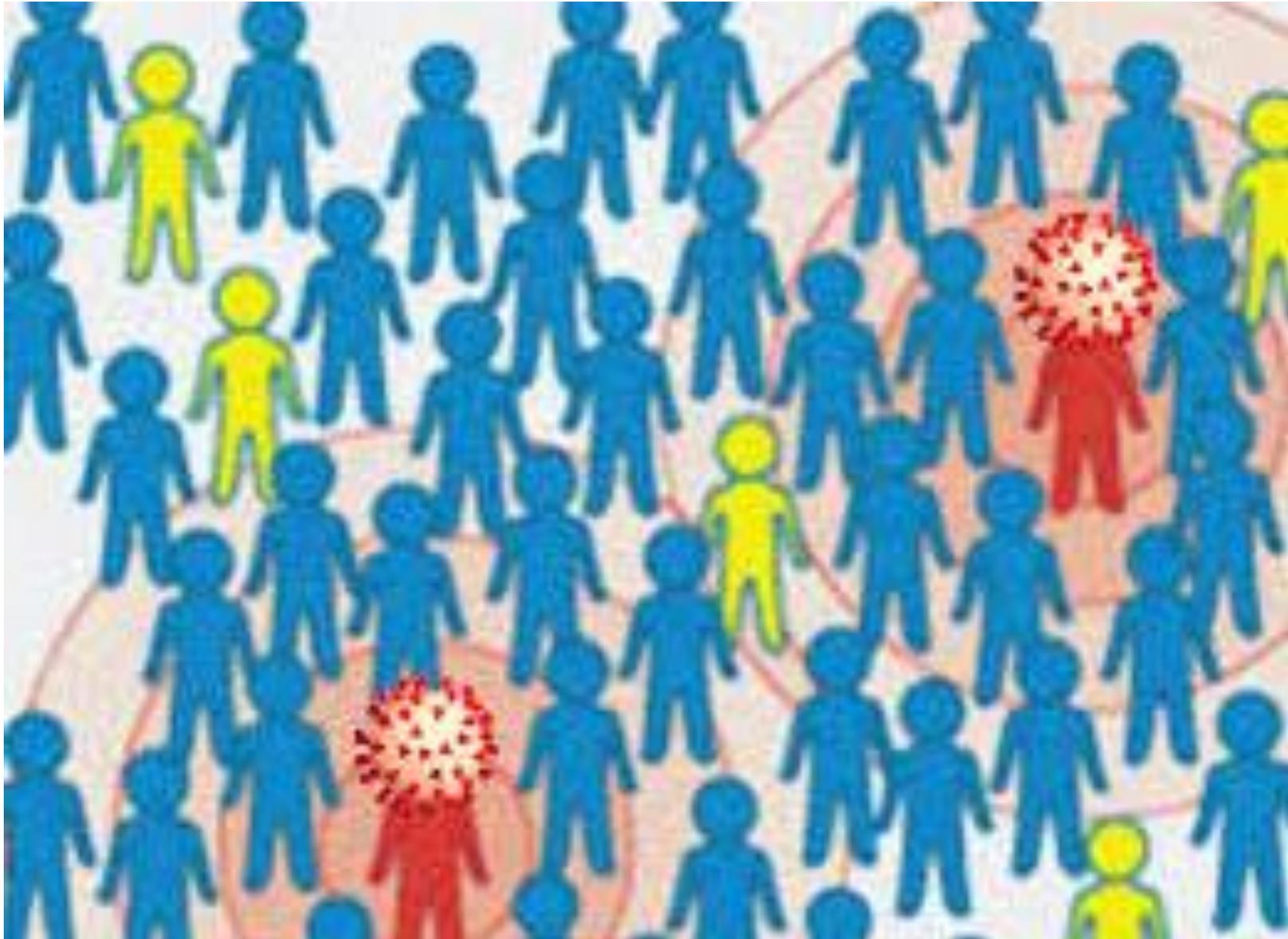
- 3.99 million vaccine doses administered to women* with 15 confirmed TTS cases† as of April 21, 2021
 - Some age-specific doses administered data were imputed

	Females		
Age group	TTS cases	Doses admin	Reporting rate‡
18-29 years old	3	579,709	5.2 per million
30-39 years old	7	594,215	11.8 per million
40-49 years old	3	692,370	4.3 per million
50-64 years old	2	1,367,529	1.5 per million
65+ years old	0	757,710	0 per million

* Source of doses administered: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>; † One case was excluded from the final analysis: a female aged <50 years who had concurrent diagnosis of COVID-19 and TTS following receipt of Janssen vaccine; ‡ Reporting rate = TTS cases per 1 million Janssen COVID-19 vaccine doses administered

COVID-19 Vaccine Availability, Access & Uptake

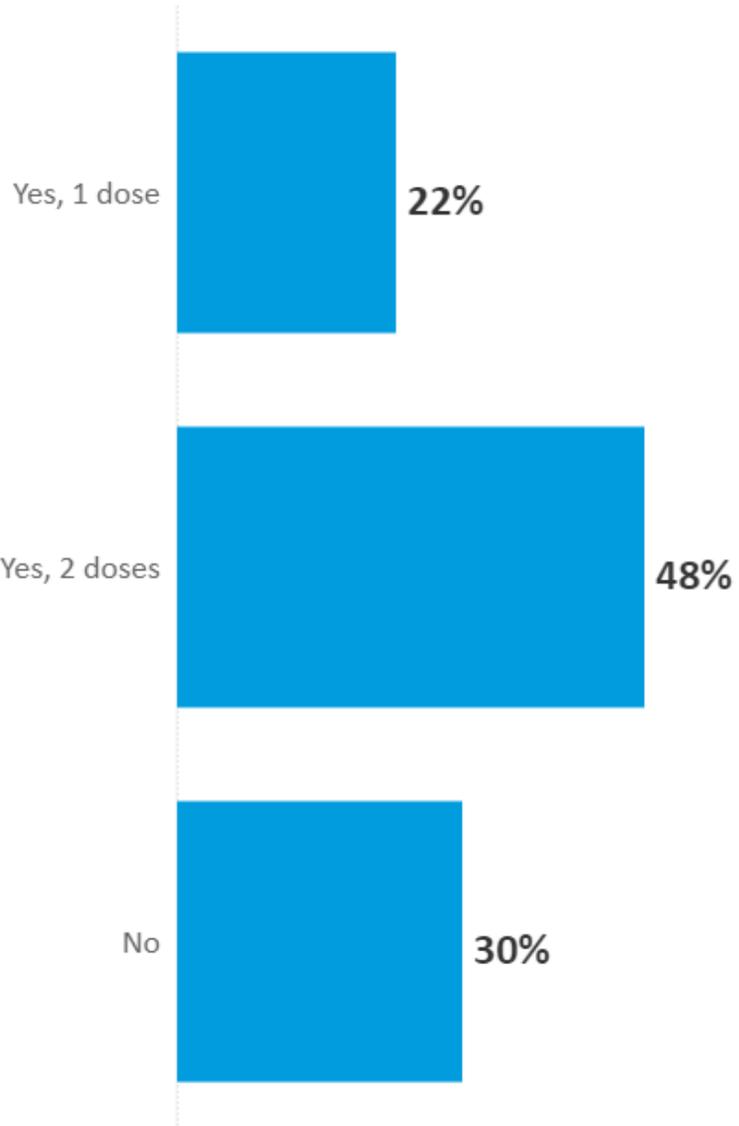
Herd Immunity



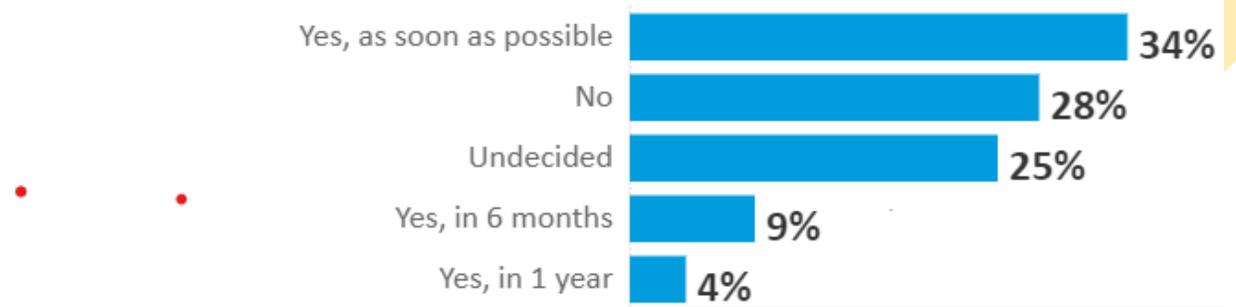
Factors Affecting Herd Immunity

- R_0
- Mode of transmission
- Level of Immunity in the community
- Efficacy vs. Effectiveness

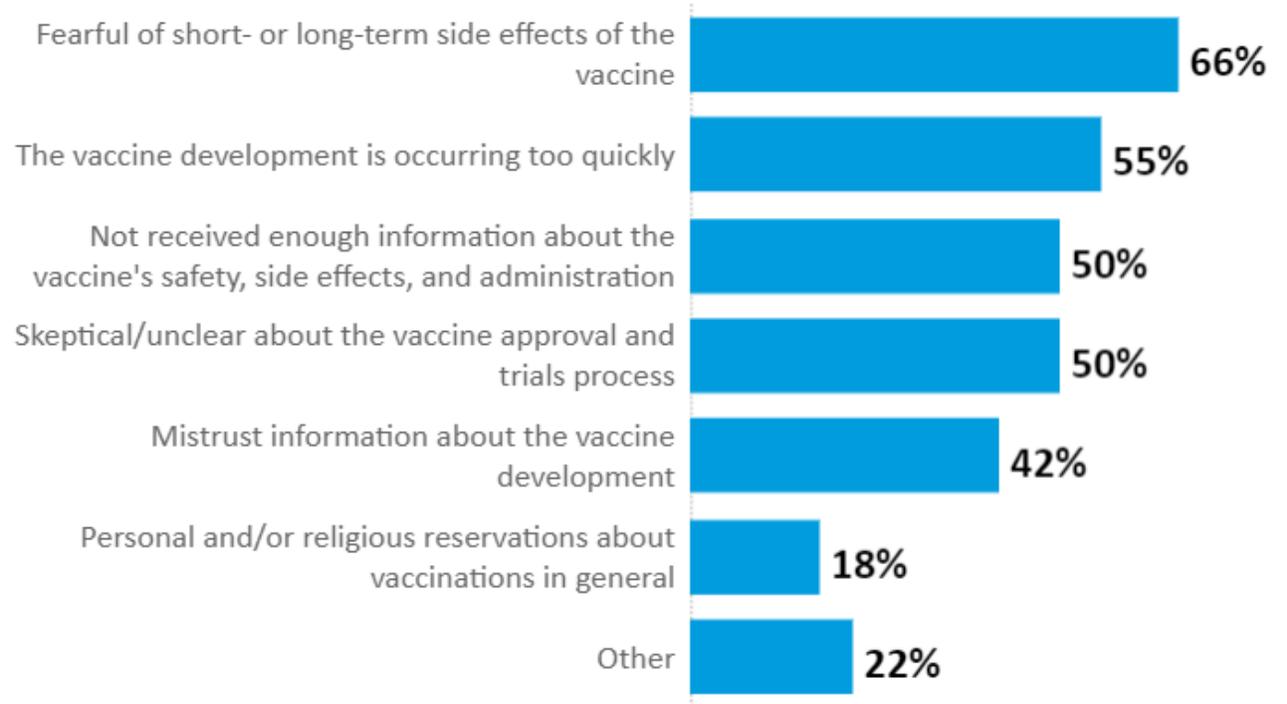
Did you receive the COVID-19 vaccine?



Do you intend to get a COVID-19 vaccine?



If no, why not?



The Critical Role of the Nursing Community

Strategies for Addressing Vaccine Hesitancy

- A-A-A
- Listen
- Provide clarity
- Make it about you

References

- Jarrett, C., Wilson, R., O'Leary, M., Eckersberger, E., Larson, H. J., & SAGE Working Group on Vaccine Hesitancy (2015). Strategies for addressing vaccine hesitancy - A systematic review. *Vaccine*, 33(34), 4180–4190. <https://doi.org/10.1016/j.vaccine.2015.04.040>
- Randolph, H. E., & Barreiro, L. B. (2020). Herd Immunity: Understanding COVID-19. *Immunity*, 52(5), 737–741. <https://doi.org/10.1016/j.immuni.2020.04.012>



COVID-19 Vaccine Education Resources

A screenshot of the "COVID Vaccine Facts for Nurses" website. The header is dark blue with the title "COVID Vaccine Facts for Nurses" and a hamburger menu icon. The main content area is white with a red horizontal line. It starts with a syringe icon and the heading "Welcome, Nurses". Below this, there are several paragraphs of text providing information and resources for nurses. At the bottom, there is a "DON'T MISS" section with a bulleted list of featured content.

COVID Vaccine Facts for Nurses

Welcome, Nurses

Questions about COVID-19 vaccines? We've put the answers in one place.

Looking for guidance on how to talk to patients? We've rounded up culturally sensitive conversation advice.

The American Nurses Association, together with leading nursing and healthcare organizations, launched this site as a nurse's hub for critical, current, and credible COVID-19 vaccine information. We hope it is both helpful to you and helps you educate patients and members of the communities you serve.

The COVID Vaccine Facts for Nurses campaign is proudly sponsored by:
Johnson & Johnson

The American Nurses Association and its collaborating organizations are solely responsible for the data and related content associated with this campaign. The campaign's commercial sponsor was not involved in development of this content.

DON'T MISS

- **On Demand Webinar: Boosting Vaccine Confidence in Minority Populations:** Specific strategies to encourage and educate your patients and increase vaccination rates in vulnerable minority populations. Made possible by the generosity of Johnson & Johnson.
- **You play a vital role in administering the COVID-19 vaccine:** Your participation in this **COVID-19 Vaccine Survey** (5 mins) will help us understand the most common concerns you are facing and develop relevant tools and resources to assist you.
- **New video** from the COVID-19 Resource Center.

COVID Vaccine Facts 4 Nurses
covidvaccinefacts4nurses.org

A screenshot of the ANA COVID-19 Resource Center website. The header is purple and white, featuring the ANA logo, "ENTERPRISE", "COVID-19 RESOURCE CENTER", and navigation links: "WHAT YOU NEED TO KNOW", "EDUCATION", "GET INVOLVED", and "TELL YOUR STORY". The main content area is white with a purple background image of laboratory glassware. It features a "COVID-19 Vaccines" section with a sub-heading and a paragraph of text. Below this is a "POPULAR RESOURCES" section with a date "THURSDAY, APRIL 29, 2021" and a featured resource titled "COVID Vaccine Facts for Nurses". To the right, there is a "Why Get Vaccinated?" section with a photo of a nurse administering a vaccine and social media icons for Facebook, Twitter, and LinkedIn.

ANA ENTERPRISE | COVID-19 RESOURCE CENTER | WHAT YOU NEED TO KNOW | EDUCATION | GET INVOLVED | TELL YOUR STORY

COVID-19 Vaccines

Find out about the science, principles, and best practices for Covid-19 vaccination. Information you can trust, for the "most trusted profession"

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← PREVIOUS PAGE

POPULAR RESOURCES

THURSDAY, APRIL 29, 2021

1 COVID Vaccine Facts for Nurses

Why Get Vaccinated?

ANA COVID-19 Resource Center
Vaccine Education Page
nursingworld.org/coronavirus

COVID-19 Real-Time Learning Network

Brought to you by CDC and IDSA

An online community bringing together information and opportunities for discussion on latest research, guidelines, tools and resources from a variety of medical subspecialties around the world.

The screenshot shows the homepage of the COVID-19 Real-Time Learning Network. The header includes the logo, a search bar with the text "Enter Search Term", and navigation links for "About", "Collaborators", and "IDSA Newsletter Signup". A left sidebar lists various categories with right-pointing chevrons: Clinical Guidelines & Guidance, Therapeutics & Interventions, Diagnostics, Infection Prevention, Disease Manifestations & Complications, Special Populations, Literature & Research, Vaccines, Policy & Advocacy, and Disparities & Culturally Competent Care. The main content area features a large graphic of diverse people wearing face masks. Overlaid on this graphic is the text "COVID-19 Real-Time Learning Network" and "Expertly-curated, timely resources for the frontline health care community." Below this is a pink "LEARN MORE" button. At the bottom of the main content area, the text "The Latest: What You Need to Know Today" is displayed.

www.COVID19LearningNetwork.org

@RealTimeCOVID19

#RealTimeCOVID19

Q&A

Continue the
conversation on Twitter

@RealTimeCOVID19
#RealTimeCOVID19



Thank You!

A recording of this call
will be posted at

www.idsociety.org/cliniciancalls

and

<https://www.nursingworld.org/coronavirus>