COVID-19 VACCINE UPDATE Steering & Rules Committee April 19, 2021



JOHNSON & JOHNSON COVID-19 VACCINE

OVERVIEW

- Adenovirus vector
- Spike protein
- Antibody response
- Cannot give COVID-19
- Does not alter DNA

How Viral Vector COVID-19 Vaccines Work

Understanding the virus that causes COVID-19. Coronaviruses, like the one that causes COVID-19, are named for the crown-like spikes on their surface, called spike proteins. These spike proteins are ideal targets for vaccines.

What is a viral vector vaccine?

A viral vector veccine uses a harmless version of a different virus, called a "vector," to deliver information to the body that helps it protect you.

How does the

vaccine work? The vaccine teaches your body how to make copies of the **spike proteins**. If you are exposed to the real virus later, your body will recognize it and know how to fight it off. When your body responds to the vaccine, it can sometimes cause findness, headache, muscle pain, nausea or mild fever. These are normal signs the vaccine is working.

Antibody

The vaccine DOES

NOT contain the virus

that causes COVID-19

and cannot give you COVID-19. It also

cannot make you sici

from the virus that is used as the vector. It cannot change your DNAin any way.

GETTING VACCINATED?

For information about COVID-19 vaccine, visit cdc.gov/coronavirus/vaccines



TIMELINE OF EVENTS

- 2/27 FDA emergency use authorization
- 3/2 Vaccination started
- 3/19-4/12 6 episodes of cerebral venous sinus thrombosis (CVST) reported, out of 6.8 million doses administered
- 4/13 CDC and FDA issue joint statement
- 4/14 Emergency meeting of ACIP
- NOW Continued pause, awaiting further recommendations

SYMPTOMS & INCIDENCE

- Headache
- Abdominal pain
- Leg pain
- Shortness of breath

- 2-15 per million
- Median age 37yrs
- Female > male 3:1

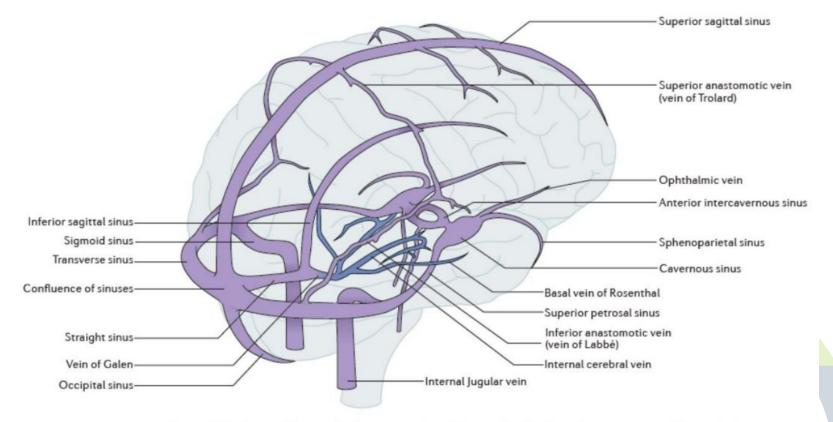


Figure 1 | Anatomy of the cerebral venous system. Diagram showing the main components of the cerebral venous system. Blue vessels represent the deep venous system.

SUMMARY

- 6 women (18-48 yrs old), no obvious risk pattern
- CVST with low platelets
- Within 2 weeks of vaccination with J&J vaccine
- Rare but serious event
- Requires clinical suspicion and specialized management
- Continued monitoring and reporting of events

VAERS is the nation's early warning system for vaccine safety



VAERS

Vaccine Adverse Event Reporting System

NATIONWIDE VAERS Vaccine Adverse Event Reporting System About VAERS **Report an Adverse Event** VAERS Data Resources Submit Follow-Up Informatio Have you had a reaction following a vaccination? 1. Contact your healthcare provider. 2. Report on 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 linea o la nueva versión PDF descargable. Nuevo/ What is VAERS?

http://vaers.hhs.gov

MHD J&J DISTRIBUTION

Site Name	Doses Admini	stered
All Saints Catholic Church		43
Homebound		26
Greater New Birth Church		770
Super 8		10
American Family Field		97
Salvation Army Rescue Lodge		70
Pathfinders		17
Guest House of Milwaukee		68
Repairers of the Breech		38
Next Door		18
Milwaukee Rescue Mission		5
Women's Care Center		8
Friendship House		7
Wisconsin Center		15
North Division High School		88
South Division High School		142
Ambassador Inn Hotel		15
Mexican Consulate		38
Autumn West Community Advocate		10
Hillside Terrace		33
Convent Hill		20
Pathways		4
	Total	1542



QUESTIONS?