TEXAS
Health and Human Services

Texas Department of State Health Services

I GOT
MY COVID-19
VACCINE!
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VACCINE!

DISCLAIMER

The information presented today is based on CDC's recent guidance and MAY change.

January 8, 2021

COVID-19 Vaccine Updates

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Vaccine Candidates	Technology Platform	Storage & Handling	Dose (Intramuscular Injection)	Regulatory Status
Pfizer	m-RNA	Ultra-low frozen: 6mos Refrigerated: 5 days	2 (0, 21 days)	EUA (≥16 yrs)
moderna	m-RNA	Frozen: 6mos Refrigerated: 30 days	2 (0, 28 days)	EUA (≥18 yrs)
AstraZeneca University of Oxford	Viral Vector (Non-Replicating)	Refrigerated: 6mos	2 (0, 28 days)	Phase 3 (US) EUA (UK)
janssen	Viral Vector (Non-Replicating)	Refrigerated: 6mos	1	Phase 3
NOVAVAX	Recombinant Subunit Adjuvant (Matrix M™)	Refrigerated: 3mos	2 (0, 21 days)	Phase 3

Description	Pfizer-BioNTech COVID-19 vaccine	Moderna COVID-19 vaccine
mRNA	Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2	Nucleoside-modified mRNA encoding the viral spike (S) glycoprotein of SARS-CoV-2
Lipids	2[(polyethylene glycol)-2000]-N,N-ditetradecylacetamide	PEG2000-DMG: 1,2-dimyristoyl-rac-glycerol, methoxypolyethylene glycol
	1,2-distearoyl-sn-glycero-3-phosphocholine	1,2-distearoyl-sn-glycero-3-phosphocholine
	Cholesterol	Cholesterol
	(4-hydroxybutyl)azanediyl)bis(hexane-6,1-diyl)bis(2-hexyldecanoate)	SM-102: heptadecan-9-yl 8-((2-hydroxyethyl) (6-oxo-6-(undecyloxy) hexyl) amino) octanoate
Salts, sugars, buffers	Potassium chloride	Tromethamine
	Monobasic potassium phosphate	Tromethamine hydrochloride
	Sodium chloride	Acetic acid
	Dibasic sodium phosphate dihydrate	Sodium acetate
	Sucrose	Sucrose

* Neither vaccine contain eggs, gelatin, latex, or preservatives

COVID-19 Vaccine Updates

- The Center for Disease Control and Prevention (CDC) has issued an updated guidance on allergic reactions associated with COVID-19 vaccines: https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/allergic-reaction.html.
- Specifically, the guidance for the second dose after allergic reaction post first dose vaccination are as follows: "If you have had an immediate allergic reaction—**even if it was not severe**—to any ingredient in an mRNA COVID-19 vaccine, **CDC recommends that you should not get either of the currently available mRNA COVID-19 vaccines.**
- If you had an immediate allergic reaction after getting the first dose of an mRNA COVID-19 vaccine, **you should not get the second dose.** Your doctor may refer you to a specialist in allergies and immunology to provide more care or advice."

COVID-19 Vaccine Updates

Allergic Reactions Including Anaphylaxis After Receipt of the First Dose of Pfizer-BioNTech COVID-19 Vaccine — United States, December 14–23, 2020. MMWR Morb Mortal Wkly Rep. ePub: 6 January 2021.
DOI: http://dx.doi.org/10.15585/mmwr.mm7002e1external icon

- Early safety monitoring of the Pfizer-BioNTech COVID-19 vaccine has detected 21 cases of anaphylaxis after reported administration of 1,893,360 first doses of Pfizer-BioNTech COVID-19 vaccine (11.1 cases per million vaccine doses administered) based on U.S. data for December 14–23, 2020.
- Most (86%) anaphylaxis cases had symptom onset within 30 minutes of vaccination
- Most persons with anaphylaxis (81%) had a history of allergies or allergic reactions, including some with previous anaphylaxis events.
- Most (90%) reported anaphylaxis cases after receipt of Pfizer-BioNTech COVID-19 vaccine occurred in women, although 64% of the vaccine doses administered with sex of recipient recorded were given in women.

Vaccine Adverse Reporting System

Texas Data 12/13/2020 – 1/7/2021

Week Reported	Deaths	Non-Serious Events	Serious Events	Grand Total
1	0	1	0	1
2	0	0	0	0
3	1	33	0	34
4	0	65	5	70
Grand Total	1	99	5	105

Out of the 541,512 doses administered in Texas thus far, 99 non-serious adverse events occured (0.00018%) and 1 death (0.000002%).

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