



Screening Allergy Questionnaire for Potential mRNA COVID-19 Vaccine Recipients

Primary screening (vaccine recipients):

1. **Have you had a prior allergic reaction, medications or otherwise?**
 - a. If no, proceed with vaccination and observe for 15 minutes
 - b. If yes, refer to the nurse, pharmacist, etc.
2. **Have you received the mRNA COVID-19 vaccine before?**
 - a. If no, proceed with vaccination and observe for 15 minutes
 - b. If yes, go to the next question
3. **Did you experience any severe reactions related to the vaccine?**
 - a. If no, proceed with vaccination and observe for 15 minutes
 - b. If yes, refer to the nurse, pharmacist, etc.

Secondary screening (nurse, pharmacist, or physician):

1. **If you had a prior allergic reaction, including anaphylaxis, what was the cause?**
 - a. If it was not related to a vaccine or injectable therapy, go to question 6
 - b. If it was related to a vaccine or injectable therapy, go to the next question
2. **Was the reaction related to a prior mRNA COVID-19 vaccine?**
 - a. If yes, defer vaccination and refer to an allergist
 - b. If yes but cleared by an allergist, proceed with vaccination and observe for 30 minutes
 - c. If no, go to the next question
3. **Was the reaction related to other vaccines or injectable therapy?**
 - a. If yes, defer vaccination and refer to an allergist
 - b. If no, go to the next question
4. **Is there documented hypersensitivity to polyethylene glycol (PEG) or polysorbate?**
 - a. If yes, defer vaccination and refer to an allergist. If unable to see an allergist, then **do not vaccinate**
 - b. If no, go to the next question
5. **Is there documented hypersensitivity with any of the substances listed in Table 1?**
 - a. If yes, defer vaccination and refer to an allergist. If unable to see an allergist, then **do not vaccinate**
 - b. If no, proceed with vaccination and observe for 30 minutes
6. **What is the severity of the allergic reaction?**
 - a. If anaphylaxis, proceed with vaccination and observe for 30 minutes
 - b. If no anaphylaxis, proceed with vaccination and observe for 15 minutes

Table 1.

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)azanediylbis(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

Adapted from <https://www.cdc.gov/vaccines/covid-19/info-by-product/clinical-considerations.html>

