

Characteristics of Reactions and Vaccine Side Effects following mRNA COVID-19 Vaccination			
Characteristic	Immediate allergic reactions (including anaphylaxis)	Vasovagal reaction	Vaccine side effects (local and systemic)
Timing after vaccination	Most occur within 15-30 minutes	Most occur within 15 minutes	Most occur within 1-3 days
Signs and Symptoms			
Constitutional	Feeling of impending doom	Feeling warm or cold	Fever, chills, fatigue
Cutaneous	Skin symptoms in ~90% including pruritus, urticarial, flushing, angioedema	Pallor, sweating, clammy skin, sensation of warmth	Pain, redness, swelling at injection site; lymphadenopathy in same arm as vaccination
Neurologic	Confusion, dizziness, lightheadedness, loss of consciousness	Dizziness, lightheadedness, syncope, weakness, changes in vision (e.g. tunnel vision), changes in hearing	Headache
Respiratory	Shortness of breath, wheezing, bronchospasm, stridor, hypoxia	Variable; may be accompanied by anxiety and elevated heart rate	N/A
Cardiovascular	Low blood pressure, elevated heart rate	Variable; may have low blood pressure or low heart rate during syncopal event	N/A
Gastrointestinal	Nausea, vomiting, diarrhea, abdominal cramps	Nausea, vomiting	Vomiting or diarrhea may occur
Musculoskeletal	N/A	N/A	Muscle and joint aches
Vaccine Recommendation			
Recommended to Receive 2nd dose of mRNA COVID-19 vaccine?	NO Refer to Allergy to discuss whether they can safely receive the vaccine in a setting with advanced medical care available or Refer for non-mRNA COVID-19 vaccine, once available	YES	YES

Reference: [CDC Interim Clinical Considerations for Use of mRNA COVID-19 Vaccines](#)