

Symptoms included in primary and secondary case definitions

Janssen ("moderate to severe/critical")

>=1 of:

Respiratory >=20

Abnormal pulse ox but >93%

Clinical/Radiological pneumonia

DVT

Shortness of breath/difficulty breathing

OR

>=2 of:

Fever >=38C

Heart rate >=90

Shaking chills

Sore throat

Cough

Malaise

Headache

Myalgia

GI sx (N/V/D/abdominal pain)

Olfactory/taste disorder

Red/bruised toes

Secondary

Mild COVID-19

At least 1 of sx above (except heart rate) or:

Chest congestion

Runny nose

Wheezing

Skin rash

Eye irritation/discharge

"FDA harmonized"

fever or chills

cough

shortness of breath/difficulty breathing

fatigue

muscle or body aches

headache

loss of taste or smell

sore throat

congestion

runny nose
nausea or vomiting
diarrhea

(note that the Janssen "FDA harmonized"
actually seems to align with other vaccines'
"expanded CDC symptom list"

Moderna**Pfizer**>=1 of:>=1 of:

Clinical/Radiological pneumonia

Shortness of breath

Shortness of breath

Cough

OR>=2 of:Fever $\geq 38^{\circ}\text{C}$ Fever $\geq 38^{\circ}\text{C}$

Chills

Chills

Sore throat

Sore throat

Cough

Headache

Myalgia

Muscle pain

Diarrhea or vomiting

Olfactory/taste disorder

Loss of taste or smell

At least 1 of above or expanded CDC symptom At least 1 of above or expanded CDC symptom list:

Fatigue

Fatigue

Nasal congestion

Nasal congestion/runny nose

Nausea/vomiting

Diarrhea

Headache

Nausea

Symptoms included in primary and secondary case definitions

	Janssen
Primary	Moderate/severe COVID-19
	<u>>=1 of:</u>
	Respiratory >=20
	Abnormal pulse ox but >93%
	Clinical/Radiological pneumonia
	DVT
	Shortness of breath/difficulty breathing
	OR
	<u>>=2 of:</u>
	Fever >=38C
	Heart rate >=90
	Shaking chills
	Sore throat
	Cough
	Malaise
	Headache
	Myalgia
	GI sx (N/V/D/abdominal pain)
	Olfactory/taste disorder
	Red/bruised toes
Secondary	Mild COVID-19
	<u>At least 1 of bolded sx above or:</u>
	Chest congestion
	Runny nose
	Wheezing
	Skin rash
	Eye irritation/discharge
"FDA harmonized"	fever or chills
	cough
	shortness of breath/difficulty breathing
	fatigue
	muscle or body aches
	headache
	loss of taste or smell
	sore throat
	congestion
	runny nose
	nausea or vomiting

diarrhea

(note that the Janssen "FDA harmonized"
actually seems to align with other vaccines'
"expanded CDC symptom list"

Moderna	Pfizer
Primary	Primary
<u>>=1 of:</u>	<u>>=1 of:</u>
Clinical/Radiological pneumonia	
Shortness of breath	Shortness of breath
Cough	
OR	
<u>>=2 of:</u>	
Fever >=38C	Fever >=38C
Chills	Chills
Sore throat	Sore throat
	Cough
Headache	
Myalgia	Muscle pain
	Diarrhea or vomiting
Olfactory/taste disorder	Loss of taste or smell
<u>At least 1 of above or expanded CDC symptom list:</u>	
Fatigue	Fatigue
Nasal congestion	Nasal congestion/runny nose
Nausea/vomiting	
Diarrhea	
	Headache
	Nausea

Janssen	Moderna	Pfizer
"Severe/Critical"	"Severe COVID-19"	"Severe COVID-19"
1 of the following:	any of the following:	at least 1 of the following:
Resp rate ≥ 30 bpm	Resp rate ≥ 30 bpm	Resp rate ≥ 30 bpm
Heart rate ≥ 125 bpm	Heart rate ≥ 125 bpm	Heart rate ≥ 125 bpm
SpO2 93%	SpO2 93%	SpO2 93%
PaO2/FiOs < 300 mmHg	PaO2/FiOs < 300 mmHg	PaO2/FiOs < 300 mmHg
Respiratory failure (needing high-flow O2, non-invasive ventilation, mechanical ventilation, or ECMO)	Respiratory failure or ARDS (needing high-flow O2, non-invasive ventilation, mechanical ventilation, or ECMO)	Respiratory failure (needing high-flow O2, non-invasive ventilation, mechanical ventilation, or ECMO)
Shock (SBP < 90 , DBP < 60 , or requiring vasopressors)	Shock (SBP < 90 , DBP < 60 , or requiring vasopressors)	Shock (SBP < 90 , DBP < 60 , or requiring vasopressors)
Significant acute renal, hepatic, or neurologic dysfunction	Significant acute renal, hepatic, or neurologic dysfunction	Significant acute renal, hepatic, or neurologic dysfunction
Admission to ICU	Admission to ICU	Admission to ICU
Death	Death	Death

Janssen

Local	Redness
	Grade 3: >10.0 cm
	Grade 4: necrosis
	Swelling
	Grade 3: >10.0 cm
	Grade 4: necrosis or exfoliative dermatitis
	Pain at the injection site
	Grade 3: any use of narcotic pain reliever or prevents daily activity
	Grade 4: emergency room visit or hospitalization
Systemic	Fever
	Grade 3: >38.9 to 40
	Grade 4: >40
	Fatigue
	Grade 3: any use of narcotic pain reliever or prevents daily activity
	Grade 4: hospitalization or inability to perform basic self care
	Headache
	Grade 3: any use of narcotic pain reliever or prevents daily activity
	Grade 4: hospitalization or inability to perform basic self care
	Nausea
	Grade 3: prevents daily activity
	Grade 4: hospitalization or inability to perform basic self care
	Myalgia
	Grade 3: any use of narcotic pain reliever or prevents daily activity
	Grade 4: hospitalization or inability to perform basic self care

Moderna

Redness

Grade 3: >10.0 cm

Grade 4: necrosis

Swelling

Grade 3: >10.0 cm

Grade 4: necrosis or exfoliative dermatitis

Pain at the injection site

Grade 3: any use of prescription pain reliever or prevents daily activity

Grade 4: emergency room visit or hospitalization

Axillary Swelling/Tenderness

Grade 3: any use of prescription pain reliever or prevents daily activity

Grade 4: emergency room visit or hospitalization.

Fever

Grade 3: >38.9 to 40

Grade 4: >40

Fatigue

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Headache

Grade 3: any use of prescription pain reliever or prevents daily activity

Grade 4: emergency room visit or hospitalization

Chills

Grade 3: prevents daily activity, required medical intervention

Grade 4: emergency room visit or hospitalization

Nausea/Vomiting

Grade 3: prevents daily activity, requires intravenous hydration

Grade 4: emergency room visit or hospitalization

Myalgia

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Arthralgia

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Pfizer

Redness

Grade 3: >10.0 cm

Grade 4: necrosis

Swelling

Grade 3: >10.0 cm

Grade 4: necrosis or exfoliative dermatitis

Pain at the injection site

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Fever

Grade 3: >38.9 to 40

Grade 4: >40

Fatigue

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Headache

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Chills

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

Vomiting

Grade 3: requires intravenous hydration

Grade 4: emergency room visit or hospitalization

Diarrhea

Grade 3: 6 or more loose stools in 24 hours

Grade 4: emergency room visit or hospitalization

New or worsening muscle pain

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization

New or worsening joint pain

Grade 3: prevents daily activity

Grade 4: emergency room visit or hospitalization