

Supplemental Information

SUPPLEMENTAL TABLE 3 Outcomes for Sequential Analyses and Descriptive Monitoring Following COVID-19 Vaccination in the Vaccine Safety Datalink				
Outcome ^a				
Sequential Analyses	Risk Interval	Setting	ICD-10 Codes	Medical Record Review
Acute disseminated encephalomyelitis	1–21 d	E, I	G04.00, G04.02	Yes, prespecified ^b
Acute myocardial infarction	1–21 d	E, I	I21.*	No
Appendicitis	1–21 d	E, I	K35.*, K36, K37, K38.8	No
Bell's palsy	1–21 d	E, I, O	G51.0	No
Cerebral venous sinus thrombosis	1–21 d	E, I	G08, I63.6, I67.6	Yes, prespecified ^b
Convulsions or seizures	0–7 d, 0–21 d	E, I	R56.0*, R56.9	No
Disseminated intravascular coagulation	1–21 d	E, I	D65	No
Encephalitis, myelitis, or encephalomyelitis	1–21 d	E, I	G04.30, G04.32, G04.39, G04.8*, G04.9*, G05.*, G37.4	No
Guillain-Barré syndrome	1–21 d	E, I	G61.0	Yes, prespecified ^b
Immune thrombocytopenia	1–21 d	E, I, O	D69.3	No
Kawasaki disease	1–21 d	E, I	M30.3	Yes, post hoc
Myocarditis or pericarditis	1–21 d	E, I	B33.22, B33.23, I30.*, I31.9, I40.*, I51.4	Yes, prespecified ^b
Pulmonary embolism	1–21 d	E, I	I26.*	No
Stroke, hemorrhagic	1–21 d	E, I	I60.*, I61.*, I62.*	Yes, post hoc ^b
Stroke, ischemic	1–21 d	E, I	G45.8, G45.9, I63.*	No
Thrombosis with thrombocytopenia syndrome	1–21 d	E, I	Platelet count < 150 000 per microliter and 1 of the following ICD-10 codes: G08, I63.6, I67.6, I74.0*, I74.1*, I74.3, I74.5, I74.8, I74.9, I81, I82.0, I82.890, K55.0*, N28.0	No
Thrombotic thrombocytopenic purpura	1–21 d	E, I	M31.1	No
Transverse myelitis	1–21 d	E, I	G37.3	Yes, prespecified ^b
Venous thromboembolism	1–21 d	E, I, O	I26.*, I82.210, I82.220, I82.290, I82.3, I82.4*, I82.60*, I82.62*, I82.A1*, I82.B1*, I82.C1*, I82.890, I82.90	No
Descriptive monitoring	Monitoring period	Setting	ICD-10 codes	Medical record review
Acute respiratory distress syndrome	0–84 d	E, I	J80	No
Anaphylaxis	0–1 d	E, I	T78.2*, T80.52*, T88.6*	Yes, prespecified
MIS-C	0–84 d	E, I	M35.81	Yes, prespecified ^b
Narcolepsy or cataplexy	0–84 d	E, I, O	G47.41*	No

E, emergency department; I, inpatient; ICD-10, International Classification of Diseases, Tenth Revision, Clinical Modification; O, outpatient; *, wildcard.

^a Additional information on outcome definitions, including exclusions and onset adjustments, is available at <https://www.cdc.gov/vaccinesafety/pdf/COVID19-RCA-Protocol-1342-508.pdf> or <https://doi.org/10.1001/jama.2021.15072>. All outcomes are the first since October 1, 2015 (the start of ICD-10 implementation within VSD) except myocarditis and pericarditis, which is first in 60 d, and anaphylaxis, which is first in 7 d.

^b All electronically identified outcomes up to 84 d following COVID-19 vaccination were reviewed.