

Do COVID-19 infection or vaccination increase the risk of developing certain nervous system conditions?

We studied data from

32.5 million adults who had:



A first dose of Oxford-AstraZeneca

OR



A first dose of Pfizer-BioNTech

OR



COVID-19

We looked at the number of hospital admissions or deaths due to common conditions such as stroke and also rarer conditions such as Guillain-Barré syndrome

1-28 days

after covid infection or first vaccination

We found:

Oxford-AstraZeneca

Guillain-Barré syndrome

38 extra cases

Per 10 million vaccinated



Pfizer-BioNTech

Haemorrhagic stroke

60 extra cases

Per 10 million vaccinated



COVID-19

Encephalitis meningitis and myelitis

123 extra cases

Guillain-Barré syndrome

145 extra cases

Myasthenic disorder

163 extra cases

Per 10 million infected

