

COVID-19 and ischemic stroke: a multi-center study

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Table A-I. Variable Definitions

Variable	ICD-10 Code
Coronary artery disease	I23.1
Chronic obstructive pulmonary disease	J44
Congestive heart failure	I50.2, I50.4
Diabetes mellitus	E08, E09, E10, E11
Chronic renal failure	N18
Hypertension	I10, I15
Coagulopathy	D68.9
Hypercholesterolemia	E78
Obesity	E66
Smoking	F17, Z72
Alcohol	F10
Peripheral vascular disease	I73

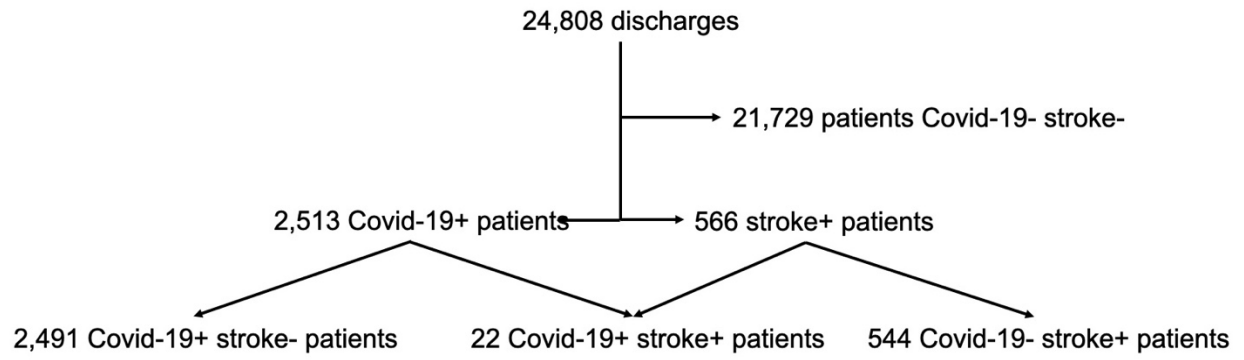


Figure A-I. Flowchart of patients included in study

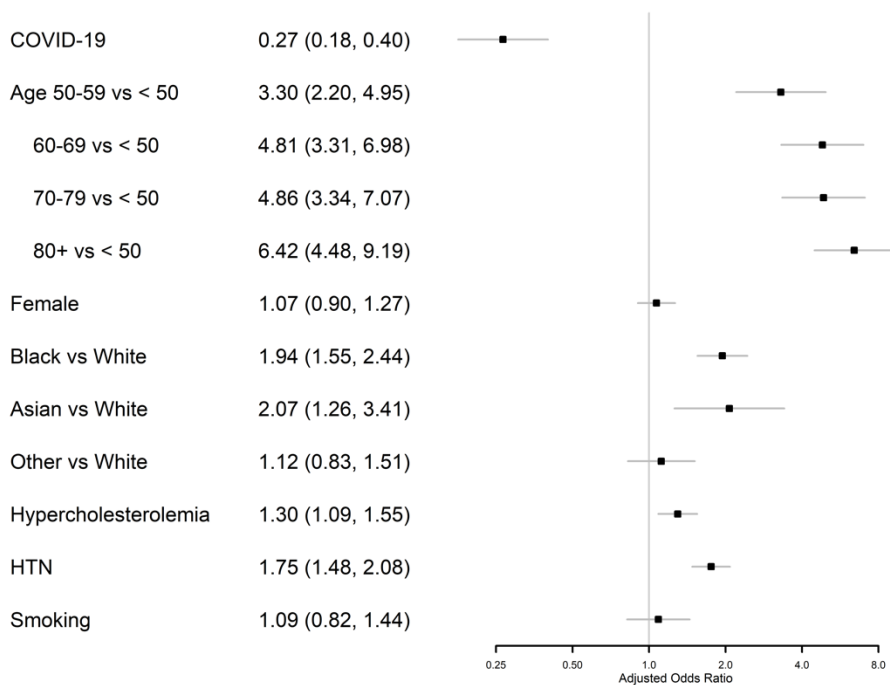


Figure A-II. Forest plot demonstrating the association of COVID-19 and traditional cardiovascular risk factors with the risk of stroke. Odds Ratios and 95% Confidence Intervals are represented. These models were additionally controlled for insurance status, chronic obstructive pulmonary disease, coronary artery disease, alcohol abuse, congestive heart failure, and chronic renal failure. HypChol stands for Hypercholesterolemia

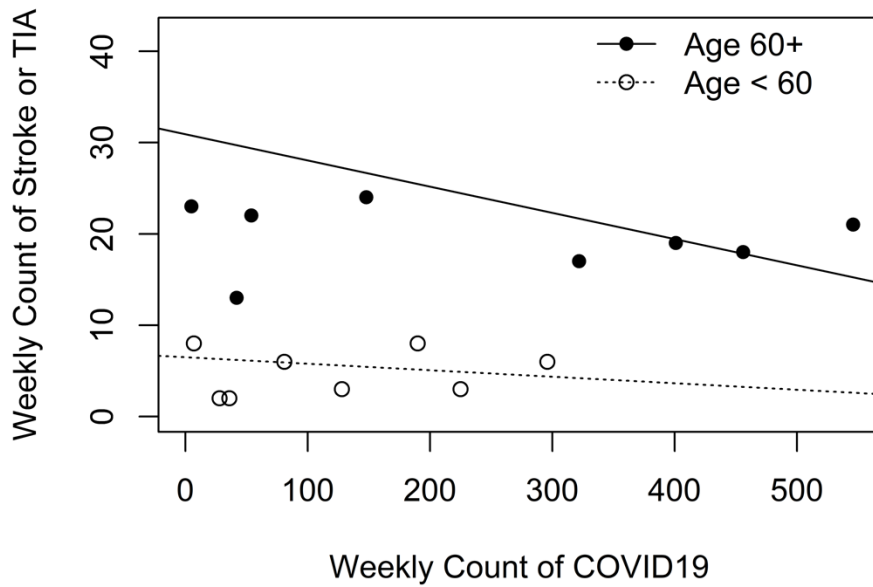


Figure A-III. Scatterplot of the weekly cases of COVID-19 and ischemic stroke among patients since the first week of COVID-19, displayed separately for patients over and under 60 years old. Two lines were fitted to reflect the association of COVID-19 and ischemic stroke for patients under 60 (Pearson correlation coefficient = -0.575, $P < 0.05$) and over 60 years old (Pearson correlation coefficient = -0.234, $P < 0.05$). Only weeks with COVID-19 cases recorded were included in this analysis.