

SUPPLEMENTARY MATERIAL

Supplementary Table I. Baseline demographic and clinical characteristics by estimated glomerular filtration rate (eGFR) among patients with a recent ischemic stroke (n=18666)

Characteristic	eGFR < 60 mL · min ⁻¹ · 1.73 m ⁻² (n=3893)	eGFR ≥ 60 mL · min ⁻¹ · 1.73 m ⁻² (n=14773)
Demographics		
Age,— yr	69.2 ± 8.6	65.2 ± 8.3
Female sex, n (%)	1944 (50.0%)	4762 (32.2%)
History, n (%)		
Hypertension	3197 (82.1%)	10652 (72.1%)
Diabetes	1242 (31.9%)	4080 (27.6%)
Hyperlipidemia	1770 (45.6%)	6847 (46.4%)
Coronary artery disease	862 (22.1%)	2144 (14.5%)
Myocardial infarction	327 (8.4%)	880 (6.0%)
Current smoking	602 (15.5%)	3405 (23.0%)
Prior Stroke/TIA*	1102 (28.3%)	3467 (23.5%)
Congestive heart failure	151 (3.9%)	345 (2.3%)
Medications n (%)		
Antithrombotic	2522 (64.8%)	9582 (64.9%)
Statin	1838 (47.2%)	6956 (47.1%)
Antihypertensive	2941 (75.5%)	9548 (64.6%)
Biomarkers/scores		
Mean systolic BP — mmHg	145.7 ± 16.8	143.9 ± 16.4
Mean diastolic BP — mmHg	83.5 ± 10.9	84.1 ± 10.4
Median qualifying stroke NIHSS	3.0 ± 3.0	2.8 ± 2.9
Qualifying stroke sub-type n (%)		
Cardioembolic	96 (2.5%)	237 (1.6%)
Large vessel atherosclerosis	1179 (30.3%)	4184 (28.3%)
Small vessel occlusion	1933 (49.7%)	7797 (52.8%)
Other	65 (1.7%)	286 (2.0%)
Unknown	617 (15.9%)	2259 (15.3%)

*Prior to study qualifying stroke; eGFR=estimated glomerular filtration rate; TIA=transient ischemic attack; BP=blood pressure; NIHSS=National Institutes of Health Stroke Scale score; HDL=high density lipoprotein

Supplementary Table II. Absolute risk of recurrent vascular events by baseline estimated glomerular filtration rate (eGFR) among 18,666 patients with a recent ischemic stroke.

Variable (s)	eGFR < 60 (mL/min)	eGFR ≥ 60 mL/min	p-value
Number of Patients	3893	14773**	
Stroke, N (Percentage; 95% CI)	414 (10.6; 9.7–11.6)	1214 (8.2; 7.8–8.7)	< 0.001
Fatal Stroke, N (Percentage; 95% CI)	37 (1.0; 0.7 – 1.3)	99 (0.7; 0.5–0.8)	0.067
Myocardial Infarction, N (Percentage; 95% CI)	87 (2.2; 1.8–2.7)	206 (1.4; 1.2–1.6)	< 0.002
Death (vascular cause), N (Percentage; 95% CI)	175 (4.5; 3.8–5.2)	311 (2.1; 1.9–2.3)	< 0.001
Death (any cause), N (Percentage; 95% CI)	446 (11.5; 10.5–12.5)	859 (5.8; 5.4–6.2)	< 0.001
Stroke, MI, or vascular death, N (Percentage; 95% CI)	676 (17.4; 16.2–18.6)	1731 (11.7; 11.2–12.2)	< 0.001

* First occurrence of non-fatal event. MI=myocardial infarction. Fatal stroke is defined as death of vascular cause occurring within 28 days of stroke.

** One patient with outcome missing.

Supplementary Table III. Frequency of chronic kidney disease (CKD) stages by incidence of vascular events

Chronic Kidney Disease Stage	Frequency	Any Stroke	Stroke, myocardial infarction, vascular death
1	4814	370 (7.7 %)	534 (11.1%)
2	9958	844 (8.5 %)	1197 (12.0%)
3	3790	399 (10.5%)	647 (17.1%)
4	103	15 (14.6%)	29 (28.2%)