

Table S1. Demographics and medical history of study subjects.

Case	Age	Sex	Past medical history	Follow up / New findings and interventions
1	70-80	M	HTN	Multi-vessel CAD. The patient underwent a CABG procedure.
2	70-80	F	HTN	Significant, calcified, and non-calcified atherosclerotic disease with stenosis of the left carotid artery (50-69%). The patient underwent left carotid artery stenting and angioplasty.
3	70-80	M	HTN	Reduced ejection fraction (48%), right bundle branch block and multiple premature atrial contractions noted on a 24-hour event monitor.
4	40-50	F	Obstructive sleep apnea	Renovascular HTN.
5	60-70	F	HTN, breast cancer	Uncontrolled HTN and mildly impaired LV diastolic filling.
6	60-70	M	HTN	Moderate size chronic infarct of the right frontal lobe, small left posterior parietal chronic infarct and scattered lacunar infarcts of the bilateral cerebellar hemispheres, the right

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caudate body and the right thalamus noted on brain magnetic resonance imaging. Moderately dilated left atrium and early positive saline contrast bubble study consistent with patent foramen ovale noted on transthoracic echocardiogram.

7	80-90	F	HTN and stage 4 CKD	A carotid ultrasound showed no evidence of hemodynamically significant flow abnormalities in the carotid arteries, but was suggestive of right subclavian steal. Magnetic resonance angiography showed tandem stenoses of the right subclavian artery consistent with vertebrobasilar insufficiency.
8	70-80	M	HTN	Soft irregular atherosclerotic plaque was noted on the left carotid bulb
9	60-70	F	None	Mild right carotid bulb non-calcified plaque and mild left carotid bulb calcified plaque found on duplex ultrasound of carotid arteries.

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10 70-80 M HTN Mildly impaired LV diastolic filling
noted on echocardiogram

11 60-70 F None No significant arrhythmia on a two-
week cardiac monitor. Normal
echocardiogram.

Abbreviations: HTN, hypertension; CABG, coronary artery bypass grafting; CAD, coronary artery disease; HF, heart failure; LV, left ventricular; CKD, chronic kidney disease.