smoker brainstem single plaque apraxia overweight vascular ischemia maculopathy migraine endocarditis mitral stenosis basilar artery weakness thrombosis basilar artery lacunar stroke insulin sensitivity insulin resistance atrial flutter cerebral embolism transient ischaemia end-organ-damage hemorrhagic infarct worse aphasia neurological disease patent foramen ovale retinopathy lvh sick sinus syndrome subgroup lipid metabolism atherosclerotic plaque essential hypertension left ventricular function understood intracranial proliferative retinopathy endocardial thrombosis vascular disease subcortical neglect ventricular aneurysm left ventricular dysfunction hemorrhagic stroke heart attack t2 cerebral ischemia congestive heart failure atherosclerotic vascular disease initiation hdl-c tg dyslipidemia coronary artery disease peripheral arterial disease motor dysfunction ind heart failure extravascular blood transient ischemic attack brain infarction obesity asthma rursing tia time sitting chronic heart failure ischemic stroke diabetes pregnant recurrence risk factors cerebral infarction acute stroke brain ischemia gaze brain taking aspirin neurological deficit cerebrovascular disease macroalbuminuria carotid disease planning to become pregnant hypertension systolic right-to-left shunt syncope infarction ischemic heart disease diabetes mellitus focal neurologic deficit visual field defect high risk middle cerebral artery ischaemic stroke mitral valve prolapse peripheral embolism tumour minor diabetic eye disease inability to walk white matter lesion electrocardiogram heart valve stroke syndrome medication start consciousness lower extremity withdrawal liver cirrhosis brain lesions hemorrhage left ventricle limb paresis renal failure embolism agraphia toe proteinuria damage agnosia rhinitis heart af lysis leg mobile tpa mca s3 gre