Supplementary table 1. Suggested protocol of MRI sequences.

	Survey	T1 SE	T2 SE	Gradient echo T2 FFE-tra	Gradient echo T2 FFE-cor
FOV (mm)	250	230	230	230	230
Matrix scan	256	256	256	256	256
reconstruction	256	256	256	256	256
Scan percentage (%)	60	80	80	80	80
# of slices	19	19	19	20	20
Slice thickness (mm)	4.00	6.00	6.00	5.00	6.00
Slice gap (mm)	0.60	1.00	1.00	1.00	1.00
Slice orientation	saggital	transversal	transversal	transversal	coronal
Scan technique	SE	SR	SE	FFE	FFE
Echoes	1	1	2	1	1
TE (ms)	15	18		27.6	27.6
first (ms)			28		
second (ms)			60		
Flip angle				20	20
TR (ms)	512	589	1380	705	705
TR SE (ms)		597.8			

Supplementary table 2. T2*W FFE transversal MRI parameters used in the different centres.

	UMCU	UMCU	Slotervaart	MST	Antonius	Meander
magnet field strength	0.5T	1.5T	1.0T	1.5T	1.5T	1.0T
number of slices	19	20	22	20	22	20
slice thickness (mm)	6.0	6.0	5.0	6.0	5.0	6.0
slice gap (mm)	1.2	1.2	1.0	1.2	1.0	0.6
echoes	1	1	1	1	1	1
TE (ms)	27	23	21	27	23	18
flip angle	15	20	15	15	unk.	20
TR (ms)	848	663	680	847	668	612

unk. = unknown

UMCU = University Medical Centre, Utrecht

MST = Medisch Spectrum Twente, Enschede

Supplementary table 3. Baseline characteristics of patients with and without

FFE-gradient echo MRI

	Without FFE-gradient echo* N= 51	With FFE-gradient echo* N= 397
Mean age (sd)	60·0 (12·3) yr	65·3 (12·2) yr
Men	30 (59%)	232 (58%)
White European ethnicity	49 (96%)	395 (99%)
Median Rankin score 0	13 (25%)	174 (44%)
1	19 (37%)	125 (32%)
≥ 2	19 (37%)	98 (25%)
Hypertension	24 (47%)	218 (55%)
Diabetes mellitus	9 (18%)	54 (14%)
Smoking	23 (45%)	107 (27%)
Hyperlipidaemia	10 (20%)	165 (42%)
Atrial fibrillation	0 (0%)	30 (8%)
Previous ischaemic stroke	5 (10%)	35 (9%)

* numbers (%), unless stated otherwise

Supplementary table 4. Proportion of subtypes of ischemic strokes in patients with and without microbleeds.

	LACI	PACI	POCI	Totaal
microbleed +	4 (67%)	2 (33%)	0	6
microbleed -	6 (35%)	9 (53%)	2 (12%)	17

Oxford classification of subtypes of cerebral infarction:

LACI = lacunar infarcts

PACI = partial anterior circulation infarcts

POCI = posterior circulation infarcts