

On-line Table 1: Baseline characteristics of all patients^a

	Group A	Group B	P Value
Clinical data			
Age (yr)	51 ± 14	55 ± 14	.024
Sex (male)	50 (49.0%)	47 (46.1%)	.674
Hypertension	33 (32.4%)	45 (44.1%)	.084
Smoking	19 (18.6%)	18 (17.6%)	.856
History of intracranial aneurysm	3 (2.9%)	4 (3.9%)	1.000
Diabetes	3 (2.9%)	8 (7.8%)	.214
DSA			
Intracranial aneurysm	62 (60.8%)	59 (57.8%)	.669
Moyamoya disease	3 (2.9%)	1 (1.0%)	.621
Arteriovenous malformation	3 (2.9%)	5 (4.9%)	.721
Outcome (aneurysm)			
Coiling	52 (83.9%)	49 (83.1%)	.903
Clipping	6 (5.9%)	7 (6.9%)	.698

^aData indicate mean ± SD (age), or numbers of patients with proportions in parentheses (other baseline characteristics).

On-line Table 2: Objective image-quality measurements in the 2 groups

Groups	ICA			MCA			Parenchyma	
	Attenuation (HU)	SNR	CNR	Attenuation (HU)	SNR	CNR	CT Value (HU)	Noise (HU)
Group A	388 ± 76	24 ± 5	22 ± 5	336 ± 69	20 ± 4	18 ± 4	34 ± 4	17 ± 2
Group B	272 ± 51	34 ± 7	30 ± 6	228 ± 47	29 ± 6	25 ± 5	30 ± 3	8 ± 1
P value	<.001	<.001	<.001	<.001	<.001	<.01	<.001	<.001

On-line Table 3: Detection of intracranial aneurysms in 2 groups by DSA

	No. of Patients	
	Group A (No.) ^a	Group B (No.) ^a
Aneurysms	62 (87)	59 (70)
Single	48	51
Multiple	14 (39)	8 (19)
No aneurysms	40	43
Moyamoya disease	3 (3)	1 (1)
Arteriovenous malformation	3 (3)	5 (5)

^a"No." indicates the numbers of aneurysms.

On-line Table 5: Radiation dose comparison between the 2 groups

Radiation Dose Descriptor	Group A	Group B	P Value
CTDI _{vol} (mGy)	7.0 ± 0.4	25.9 ± 2.0	<.001
DLP (mGy × cm)	136.7 ± 8.8	507 ± 44.7	<.001
ED (mSv)	0.3 ± 0.0	1.1 ± 0.1	<.001

Note:—CTDI_{vol} indicates volume CT dose index.

^aData represent mean ± SD.

On-line Table 4: Number and location of detected intracranial aneurysms at DSA and CTA

Location	Group A		Group B	
	DSA	CTA ^(a,b)	DSA	CTA ^(a,b)
Anterior communicating artery	18	19 (1, 0)	15	16 (1, 0)
Anterior cerebral artery	6	3 (0, 3)	1	1 (0, 0)
Middle cerebral artery	14	12 (0, 2)	1	2 (1, 0)
Internal carotid artery	20	17 (0, 3)	13	11 (0, 2)
Vertebral and basilar arteries	4	4 (0, 0)	4	4 (0, 0)
Posterior communicating artery	17	19 (2, 0)	30	29 (1, 2)
Posterior cerebral artery	4	3 (0, 1)	3	3 (0, 0)
Anterior superior cerebellar artery	0	0 (0, 0)	2	2 (0, 0)
Posterior inferior cerebellar artery	4	3 (0, 1)	1	1 (0, 0)

^aFalse-positive result.

^bFalse-negative result.