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Erratum

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The original versions of Tables 1–4 that were contained in the article “International Retrospective Study of the Pipeline Embolization Device: A Multicenter Aneurysm Treatment Study” by D.F. Kallmes, R. Hanel, D. Lopes et al (*AJNR Am J Neuroradiol* 2015;36:108–15, originally published on-line on October 29, 2014, 10.3174/ajnr.A4111) contained errors. Due to a coding problem, 36 PICA and vertebral artery aneurysms were changed from “anterior” to “posterior.” In addition, 17 ICA aneurysms were changed from “other anterior” to “ICA.” The authors state that these changes do not affect the conclusions or clinical implications of their paper. The only outcome that changed in statistical significance was the comparison of the rates of neurologic mortality and neurologic morbidity + mortality between anterior and posterior circulation aneurysms at >30 days (Table 3). These are the corrected tables.

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Table 1: Aneurysm characteristics

Aneurysm Characteristics	Anterior ICA ≥10 mm	Anterior ICA <10 mm	Posterior	Other Anterior	P Value	Total
Aneurysm size (mm)					<.0001	
Mean ± SD (n)	16.8 ± 6.3 (317)	5.2 ± 2.2 (360)	13.8 ± 8.4 (93)	9.2 ± 8.0 (126)		10.7 ± 7.7 (896)
Median, range	15.0, 10.0–42.0	5.0, 1.0–10.0	11.6, 1.5–45.0	6.7, 1.0–55.0		9.0, 1.0–55.0
Aneurysm type					<.0001	
Small	0.0% (0/317)	100.0% (360/360)	35.5% (33/93)	63.5% (80/126)		52.8% (473/896)
Large	85.8% (272/317)	0.0% (0/360)	49.5% (46/93)	31.0% (39/126)		39.8% (357/896)
Giant	14.2% (45/317)	0.0% (0/360)	15.1% (14/93)	5.6% (7/126)		7.4% (66/896)
Aneurysm neck (mm)					<.0001	
Mean ± SD (n)	8.5 ± 5.0 (297)	4.1 ± 2.2 (335)	8.7 ± 7.5 (70)	4.8 ± 5.1 (110)		6.2 ± 4.9 (812)
Median, range	7.6, 0.9–50.0	3.9, 0.8–22.0	6.6, 1.7–53.0	3.9, 1.0–50.0		5.0, 0.8–53.0
Aneurysm shape					<.0001	
Saccular	77.3% (245/317)	87.8% (316/360)	35.8% (34/95)	71.7% (91/127)		76.0% (689/906)
Fusiform	15.5% (49/317)	4.7% (17/360)	29.5% (28/95)	15.0% (19/127)		12.8% (116/906)
Dissecting	3.2% (10/317)	2.2% (8/360)	28.4% (27/95)	7.1% (9/127)		6.0% (54/906)
Other	4.1% (13/317)	5.3% (19/360)	6.3% (6/95)	6.3% (8/127)		5.2% (47/906)
Aneurysm location					<.0001	
Internal carotid artery	100.0% (317/317)	100.0% (360/360)	0.0% (0/95)	0.0% (0/127)		75.5% (684/906)
Middle cerebral artery	0.0% (0/317)	0.0% (0/360)	0.0% (0/95)	33.9% (43/127)		4.7% (43/906)
Posterior cerebral artery	0.0% (0/317)	0.0% (0/360)	15.8% (15/95)	0.0% (0/127)		1.7% (15/906)
Basilar artery	0.0% (0/317)	0.0% (0/360)	46.3% (44/95)	0.0% (0/127)		4.9% (44/906)
Other	0.0% (0/317)	0.0% (0/360)	37.9% (36/95)	66.1% (84/127)		13.2% (120/906)
Presented with ruptured aneurysm	3.8% (12/317)	6.7% (24/360)	7.4% (7/95)	25.2% (32/127)	<.0001	8.4% (76/906)
Multiple PEDs utilized	45.4% (144/317)	27.4% (98/358)	37.9% (36/95)	22.8% (29/127)	<.0001	34.1% (308/904)

Table 2: Complications by aneurysm location and size subgroups

Patient Characteristics	Anterior ICA ≥10 mm	Anterior ICA <10 mm	Posterior	Other Anterior	P Value	Total	95% CI
Aneurysm size (mm)					<.0001		(10.7–11.8)
Mean ± SD (n)	16.8 ± 6.3 (296)	5.3 ± 2.2 (291)	14.2 ± 8.5 (88)	9.7 ± 8.3 (112)		11.2 ± 7.8 (787)	
Median, range	15.0, 10.0–42.0	5.0, 1.2–10.0	12.0, 1.5–45.0	7.1, 1.0–55.0		10.0, 1.0–55.0	
Spontaneous rupture	1.4% (4/296)	0.0% (0/291)	1.1% (1/90)	0.0% (0/112)	.1657	0.6% (5/793)	(0.2%–1.5%)
Intracranial hemorrhage	2.7% (8/296)	1.4% (4/291)	2.2% (2/90)	5.4% (6/112)	.2299	2.5% (20/793)	(1.6%–3.9%)
Ischemic stroke	5.4% (16/296)	2.4% (7/291)	6.7% (6/90)	6.3% (7/112)	.1726	4.5% (36/793)	(3.2%–6.2%)
Parent artery stenosis	0.3% (1/296)	0.3% (1/291)	0.0% (0/90)	0.0% (0/112)	1.0000	0.3% (2/793)	(0.0%–0.9%)
Cranial neuropathy	0.7% (2/296)	0.0% (0/291)	0.0% (0/90)	0.0% (0/112)	.7257	0.3% (2/793)	(0.0%–0.9%)
Neurologic morbidity	8.8% (26/296)	4.1% (12/291)	8.9% (8/90)	11.6% (13/112)	.0496	7.4% (59/793)	(5.7%–9.5%)
Neurologic mortality	3.7% (11/296)	1.4% (4/291)	7.8% (7/90)	7.1% (8/112)	.0108	3.8% (30/793)	(2.6%–5.4%)
Neurologic morbidity and mortality (all patients)	9.5% (28/296)	4.1% (12/291)	13.3% (12/90)	13.4% (15/112)	.0046	8.4% (67/793)	(6.6%–10.6%)
Neurologic morbidity and mortality (patients with unruptured aneurysms)	9.5% (27/285)	3.4% (9/268)	12.0% (10/83)	9.9% (8/81)	.0104	7.5% (54/720)	(5.7%–9.7%)
Neurologic morbidity and mortality (patients with ruptured aneurysms)	16.7% (2/12)	12.5% (3/24)	28.6% (2/7)	21.9% (7/32)	.7639	18.4% (14/76)	(10.5%–29.0%)
Neurologic morbidity and mortality (excluding ruptured, dissecting, or fusiform aneurysms)	7.7% (18/233)	3.6% (9/253)	8.6% (3/35)	9.7% (6/62)	.1343	6.2% (36/585)	(4.4%–8.4%)

Table 3: Occurrence of complication by time

Major Complications	<72 Hours		72 Hours–30 Days		>30 Days		P Value	Total
	Anterior	Posterior	Anterior	Posterior	Anterior	Posterior		
Spontaneous rupture	0.1% (1/703)	0.0% (0/90)	0.3% (2/703)	1.1% (1/90)	0.1% (1/703)	0.0% (0/90)	.6290	0.6% (5/793)
Intracranial hemorrhage	0.4% (3/703)	2.2% (2/90)	1.6% (11/703)	0.0% (0/90)	0.6% (4/703)	0.0% (0/90)	.1363	2.5% (20/793)
Ischemic stroke	2.1% (15/703)	3.3% (3/90)	0.9% (6/703)	2.2% (2/90)	1.3% (9/703)	1.1% (1/90)	.1102	4.5% (36/793)
Parent artery stenosis	0.0% (0/703)	0.0% (0/90)	0.1% (1/703)	0.0% (0/90)	0.1% (1/703)	0.0% (0/90)	1.0000	0.3% (2/793)
Cranial neuropathy	0.0% (0/703)	0.0% (0/90)	0.3% (2/703)	0.0% (0/90)	0.0% (0/703)	0.0% (0/90)	.3331	0.3% (2/793)
Neurologic morbidity	2.6% (18/703)	5.6% (5/90)	2.8% (20/703)	2.2% (2/90)	1.8% (13/703)	1.1% (1/90)	.2757	7.4% (59/793)
Neurologic mortality	1.0% (7/703)	3.3% (3/90)	1.4% (10/703)	2.2% (2/90)	0.9% (6/703)	2.2% (2/90)	.7014	3.8% (30/793)
Neurologic morbidity and mortality (all patients)	2.8% (20/703)	5.6% (5/90)	3.1% (22/703)	4.4% (4/90)	1.8% (13/703)	3.3% (3/90)	.2543	8.4% (67/793)
Neurologic morbidity and mortality (patients with unruptured aneurysms)	2.5% (16/637)	6.0% (5/83)	2.7% (17/637)	3.6% (3/83)	1.7% (11/637)	2.4% (2/83)	.3511	7.5% (54/720)
Neurologic morbidity and mortality (patients with ruptured aneurysms)	5.8% (4/69)	0.0% (0/7)	8.7% (6/69)	14.3% (1/7)	2.9% (2/69)	14.3% (1/7)	.4768	18.4% (14/76)
Neurologic morbidity and mortality (excluding ruptured, dissecting, or fusiform aneurysms)	2.5% (14/550)	2.9% (1/35)	2.5% (14/550)	2.9% (1/35)	0.9% (5/550)	2.9% (1/35)	.0934	6.2% (36/585)

Table 4: Complication by aneurysm size

Major Complications	Small		Large		Giant		P Value	Total
	Anterior	Posterior	Anterior	Posterior	Anterior	Posterior		
Aneurysm size (mm)							<.0001	
Mean \pm SD (n)	5.3 \pm 2.2 (360)	6.1 \pm 2.5 (27)	14.8 \pm 4.1 (292)	14.8 \pm 4.1 (46)	29.2 \pm 5.6 (49)	28.5 \pm 6.2 (14)		11.3 \pm 7.7 (788)
Median, range	5.0, 1.0–10.0	6.3, 1.5–9.4	14.0, 10.0–24.5	14.3, 10.0–23.0	27.0, 25.0–55.0	26.0, 25.0–45.0		10.0, 1.0–55.0
Spontaneous rupture	0.0% (0/360)	0.0% (0/27)	0.7% (2/292)	0.0% (0/46)	4.1% (2/49)	7.1% (1/14)	.0011	0.6% (5/793)
Intracranial hemorrhage	1.9% (7/360)	0.0% (0/27)	2.7% (8/292)	2.2% (1/46)	6.1% (3/49)	7.1% (1/14)	.0901	2.5% (20/793)
Ischemic stroke	2.8% (10/360)	0.0% (0/27)	4.8% (14/292)	4.3% (2/46)	12.2% (6/49)	21.4% (3/14)	.0008	4.5% (36/793)
Parent artery stenosis	0.3% (1/360)	0.0% (0/27)	0.3% (1/292)	0.0% (0/46)	0.0% (0/49)	0.0% (0/14)	1.0000	0.3% (2/793)
Cranial neuropathy	0.0% (0/360)	0.0% (0/27)	0.7% (2/292)	0.0% (0/46)	0.0% (0/49)	0.0% (0/14)	.3373	0.3% (2/793)
Neurologic morbidity	5.0% (18/360)	0.0% (0/27)	7.5% (22/292)	6.5% (3/46)	22.4% (11/49)	28.6% (4/14)	<.0001	7.4% (59/793)
Neurologic mortality	1.7% (6/360)	3.7% (1/27)	4.8% (14/292)	6.5% (3/46)	6.1% (3/49)	21.4% (3/14)	.0033	3.8% (30/793)
Neurologic morbidity and mortality (all patients)	5.3% (19/360)	3.7% (1/27)	8.6% (25/292)	10.9% (5/46)	22.4% (11/49)	35.7% (5/14)	<.0001	8.4% (67/793)
Neurologic morbidity and mortality (patients with unruptured aneurysms)	3.5% (11/311)	0.0% (0/24)	7.9% (22/277)	11.4% (5/44)	22.9% (11/48)	30.8% (4/13)	<.0001	7.5% (54/720)
Neurologic morbidity and mortality (patients with ruptured aneurysms)	16.0% (8/50)	33.3% (1/3)	18.8% (3/16)	0.0% (0/2)	50.0% (1/2)	100.0% (1/1)	.1385	18.4% (14/76)
Neurologic morbidity and mortality (excluding ruptured, dissecting, or fusiform aneurysms)	3.8% (11/293)	0.0% (0/12)	6.4% (14/218)	11.8% (2/17)	20.5% (8/39)	20.0% (1/5)	.0005	6.2% (36/585)