

On-line Table 1: Angiographic outcomes

Angiographic Outcome	Raw No. of Events in All Aneurysms ^a	Meta-Analysis Percentage (95% CI)	Raw No. of Events in Ruptured Aneurysms ^a	Meta-Analysis Percentage (95% CI)	Raw No. of Events in Unruptured Aneurysms ^a	Meta-Analysis Percentage (95% CI)	P Value for Difference (Ruptured Versus Unruptured)
Postoperative complete and near-complete occlusion	1061/1193	88% (81–93%)	407/444	95% (86–98%)	59/77	80% (43–96%)	.13
Long-term complete and near-complete occlusion	594/714	85% (78–90%)	235/272	95% (80–99%)	55/61	90% (79–95%)	.39
Aneurysm retreatment	73/777	7% (5–12%)	5/120	5% (2–11%)	1/33	3% (0–19%)	.61

^a Discordances between the raw event percentages and the percentages calculated from the meta-analysis are caused by greater weights assigned to outcomes of studies with larger sample sizes.

On-line Table 2: Ruptured versus unruptured event rates

Outcome	Raw No. of Events in All Aneurysms ^a	Meta-Analysis Percentage (95% CI)	Raw No. of Events in Ruptured Aneurysms ^a	Meta-Analysis Percentage (95% CI)	Raw No. of Events in Unruptured Aneurysms ^a	Meta-Analysis Percentage (95% CI)	P Value for Difference (Ruptured Versus Unruptured)
Intra-operative rupture	57/1387	4% (3–6%)	36/778	5% (3–7%)	5/157	4% (1–12%)	.87
Vasospasm	182/1091	13% (5–28%)	39/403	11% (3–30%)	0/34	1% (0–19%)	.17
Re-bleeding event	16/1065	2% (1–4%)	12/551	3% (2–5%)	0/137	2% (0–6%)	.50
Morbidity or mortality caused by stroke <30 days	21/771	3% (2–6%)	16/537	3% (2–8%)	3/87	5% (2–14%)	.49
Permanent procedure-related morbidity	53/1077	6% (4–8%)	35/537	7% (4–12%)	5/87	8% (3–20%)	.90
Procedure-related mortality	25/1077	3% (2–4%)	20/537	4% (3–7%)	1/87	2% (1–9%)	.40

^a Discordances between the raw event percentages and the percentages calculated from the meta-analysis are caused by greater weights assigned to outcomes of studies with larger sample sizes.

On-line Table 3: Angiographic outcomes and complication rates by time-trend analysis

Outcome	Raw No. of Events in Aneurysms Treated Before 2007 ^a	Meta-Analysis Percentage (95% CI)	Raw No. of Events in Aneurysms Treated 2007–2012 ^a	Meta-Analysis Percentage (95% CI)	P Value for Difference
Postoperative complete and near-complete occlusion	216/246	89% (73–96%)	845/947	88% (79–94%)	.91
Long-term complete and near-complete occlusion	106/125	91% (66–98%)	488/589	84% (77–89%)	.44
Aneurysm retreatment	9/214	5% (2–13%)	64/563	10% (6–16%)	.28
Intra-operative rupture	6/189	3% (1–7%)	51/1198	4% (3–6%)	.41
Vasospasm	11/67	12% (1–70%)	171/1024	12% (4–31%)	.99
Re-bleeding event	3/214	2% (1–5%)	13/851	2% (1–4%)	.87
Morbidity or mortality caused by stroke <30 days	7/266	4% (1–13%)	14/545	3% (2–5%)	.82
Permanent procedure-related morbidity	15/226	8% (4–15%)	38/851	5% (3–8%)	.27
Procedure-related mortality	7/226	4% (2–8%)	18/851	2% (1–4%)	.17

^a Discordances between the raw event percentages and the percentages calculated from the meta-analysis are caused by greater weights assigned to outcomes of studies with larger sample sizes.