

Supplementary Table 4. Characteristics and clinical outcomes of patients with aneurysmal subarachnoid hemorrhage due to anterior communicating artery aneurysm (I60.2) according to year of admission

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	P-value
Number of patients	1,152	1,239	1,310	1,298	1,358	1,256	1,279	1,323	1,330	1,350	1,336	1,306	1,247	1,351	1,366	1,393	20,894	
Sex																		0.684
Male	548 (47.6%)	617 (49.8%)	632 (48.2%)	634 (48.8%)	684 (50.4%)	660 (52.5%)	638 (49.9%)	671 (50.7%)	679 (51.1%)	682 (50.5%)	656 (49.1%)	636 (48.7%)	633 (50.8%)	688 (50.9%)	669 (49.0%)	693 (49.7%)	10,420 (49.9%)	
Female	604 (52.4%)	622 (50.2%)	678 (51.8%)	664 (51.2%)	674 (49.6%)	596 (47.5%)	641 (50.1%)	652 (49.3%)	651 (48.9%)	668 (49.5%)	680 (50.9%)	670 (51.3%)	614 (49.2%)	663 (49.1%)	697 (51.0%)	700 (50.3%)	10,474 (50.1%)	
Age (years)	53.9± 12.3	53.4± 12.5	53.6± 12.2	53.8± 12.3	54.0± 12.1	53.3± 12.5	54.8± 12.1	54.1± 12.1	54.4± 12.5	55.4± 12.7	55.2± 12.9	56.0± 12.4	56.3± 12.5	56.5± 12.5	57.2± 12.5	57.6± 12.7	55.0± 12.5	<0.001
Treatment method																		<0.001
Microsurgical clip	948 (82.3%)	958 (77.3%)	953 (72.7%)	932 (71.8%)	886 (65.2%)	797 (63.5%)	822 (64.3%)	734 (55.5%)	672 (50.5%)	618 (45.8%)	562 (42.1%)	444 (34.0%)	393 (31.5%)	401 (29.7%)	342 (25.0%)	293 (21.0%)	10,755 (51.5%)	
Endovascular treatment	204 (17.7%)	281 (22.7%)	357 (27.3%)	366 (28.2%)	472 (34.8%)	459 (36.5%)	457 (35.7%)	589 (44.5%)	658 (49.5%)	732 (54.2%)	774 (57.9%)	862 (66.0%)	854 (68.5%)	950 (70.3%)	1024 (75.0%)	1100 (79.0%)	10,139 (48.5%)	
Simple coil	204 (17.7%)	281 (22.7%)	350 (26.7%)	347 (26.7%)	427 (31.4%)	401 (31.9%)	384 (30.0%)	499 (37.7%)	551 (41.4%)	631 (46.7%)	635 (47.5%)	696 (53.3%)	693 (55.6%)	727 (53.8%)	765 (56.0%)	766 (55.0%)	8,357 (40.0%)	
Stent-assisted coil	0 (0.0%)	0 (0.0%)	7 (0.5%)	19 (1.5%)	45 (3.3%)	58 (4.6%)	73 (5.7%)	90 (6.8%)	107 (8.0%)	101 (7.5%)	139 (10.4%)	166 (12.7%)	161 (12.9%)	223 (16.5%)	259 (19.0%)	334 (24.0%)	1,782 (8.5%)	
Mortality (3 months)	146 (12.7%)	135 (10.9%)	168 (12.8%)	140 (10.8%)	174 (12.8%)	146 (11.6%)	145 (11.3%)	140 (10.6%)	151 (11.4%)	147 (10.9%)	137 (10.3%)	141 (10.8%)	120 (9.6%)	132 (9.8%)	133 (9.7%)	137 (9.8%)	2,292 (11.0%)	0.085
Poor prognosis	229 (19.9%)	236 (19.0%)	273 (20.8%)	229 (17.6%)	294 (21.6%)	238 (18.9%)	263 (20.6%)	238 (18.0%)	252 (18.9%)	249 (18.4%)	243 (18.2%)	216 (16.5%)	188 (15.1%)	218 (16.1%)	213 (15.6%)	221 (15.9%)	3,800 (18.2%)	<0.001

Supplementary Table 5. Characteristics and clinical outcomes of patients with aneurysmal subarachnoid hemorrhage due to posterior communicating artery aneurysm (I60.3) according to year of admission

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	P-value
Number of patients	656	698	660	758	754	768	765	778	753	828	779	781	753	837	864	877	12,309	
Sex																		0.353
Male	123 (18.8%)	135 (19.3%)	96 (14.5%)	127 (16.8%)	125 (16.6%)	121 (15.8%)	125 (16.3%)	125 (16.1%)	127 (16.9%)	131 (15.8%)	128 (16.4%)	126 (16.1%)	103 (13.7%)	121 (14.5%)	142 (16.4%)	133 (15.2%)	1,988 (16.2%)	
Female	533 (81.2%)	563 (80.7%)	564 (85.5%)	631 (83.2%)	629 (83.4%)	647 (84.2%)	640 (83.7%)	653 (83.9%)	626 (83.1%)	697 (84.2%)	651 (83.6%)	655 (83.9%)	650 (86.3%)	716 (85.5%)	722 (83.6%)	744 (84.8%)	10,321 (83.8%)	
Age (years)	57.4± 11.9	58.2± 12.8	58.9± 12.1	58.2± 12.8	58.6± 12.9	59.6± 13.1	58.8± 13.2	58.5± 13.2	61.3± 12.9	61.3± 13.5	61.3± 13.0	61.4± 12.7	62.5± 13.0	62.9± 13.6	63.7± 13.3	64.1± 13.3	60.6± 13.2	<0.001
Treatment method																		<0.001
Microsurgical clip	503 (76.7%)	492 (70.5%)	429 (65.0%)	474 (62.5%)	464 (61.5%)	458 (59.6%)	407 (53.2%)	389 (50.0%)	325 (43.2%)	310 (37.4%)	250 (32.1%)	253 (32.4%)	208 (27.6%)	202 (24.1%)	188 (21.8%)	180 (20.5%)	5,532 (44.9%)	
Endovascular treatment	153 (23.3%)	206 (29.5%)	231 (35.0%)	284 (37.5%)	290 (38.5%)	310 (40.4%)	358 (46.8%)	389 (50.0%)	428 (56.8%)	518 (62.6%)	529 (67.9%)	528 (67.6%)	545 (72.4%)	635 (75.9%)	676 (78.2%)	697 (79.5%)	6,777 (55.1%)	
Simple coil	153 (23.3%)	202 (28.9%)	211 (32.0%)	235 (31.0%)	232 (30.8%)	235 (30.6%)	260 (34.0%)	292 (37.5%)	306 (40.6%)	381 (46.0%)	412 (52.9%)	412 (52.8%)	401 (53.3%)	431 (51.5%)	462 (53.5%)	460 (52.5%)	5,085 (41.3%)	
Stent-assisted coil	0 (0.0%)	4 (0.6%)	20 (3.0%)	49 (6.5%)	58 (7.7%)	75 (9.8%)	98 (12.8%)	97 (12.5%)	122 (16.2%)	137 (16.5%)	117 (15.0%)	116 (14.9%)	144 (19.1%)	204 (24.4%)	214 (24.8%)	237 (27.0%)	1,692 (13.7%)	
Mortality (3 months)	84 (12.8%)	77 (11.0%)	80 (12.1%)	84 (11.1%)	82 (10.9%)	106 (13.8%)	85 (11.1%)	82 (10.5%)	79 (10.5%)	104 (12.6%)	87 (11.2%)	74 (9.5%)	75 (10.0%)	82 (9.8%)	84 (9.7%)	85 (9.7%)	1,350 (11.0%)	0.232
Poor prognosis	116 (17.7%)	140 (20.1%)	121 (18.3%)	125 (16.5%)	122 (16.2%)	159 (20.7%)	129 (16.9%)	128 (16.5%)	127 (16.9%)	156 (18.8%)	133 (17.1%)	110 (14.1%)	108 (14.3%)	122 (14.6%)	130 (15.0%)	126 (14.4%)	2,052 (16.7%)	0.003