

Table 1. Overview of all included studies.

Authors _ Year (Country)	Type of Study	Sample size	Sex (No. patients, %)	Age years median (range)	Aneurysm Location (No. patients, %)	Aneurysm size in mm (size category)	Rupture Status (No. patients, %)	Morphological Type (No. patients, %)	Aneurysm Side	Laterality of CNP	Multiplicity (Other CN involvement)	Severity of trigeminal palsy	Timing of palsy (No. patients, %)	Treatment type (No. patients, %)	CNP outcome (No. patients, %)	Duration of Resolution in months	Follow-up months median (range)	mRS
Kashihara_1987 (Japan)	Case report	1	F (1,100%)	63	ICA-cav (1,100%)	>25 (Giant)	UR (1,100%)	Sac (1,100%)	Left	Ipsilateral	Yes (III,VI)	V1	Pre-Tx (1,100%)	Bypass (1,100%)	Comp-Recov (1,100%)	3	3	0
Sano_1988 (Japan)	Case report	1	F (1,100%)	74	ICA-cav (1,100%)	57 (Giant)	UR (1,100%)	Sac (1,100%)	Right	Bilateral	Yes (VI)	V1-V3	Pre-Tx (1,100%)	Clipping (1,100%)	Comp-Recov (1,100%)	3	NA	NA
Linskey_1990 (USA)	Case series	14	NA	54.5 (51-58)	ICA-cav (14,100%)	NA	UR (14,100%)	Sac (14,100%)	NA	Ipsilateral	Yes (II,III,IV)	V1-V3	Pre-Tx (14,100%)	Conservative (14,100%)	NA	NA	NA	NA
Zager_1991 (USA)	Case report	1	F (1,100%)	25	BA-SCA (1,100%)	20 (Large)	R (1,100%)	Fus (1,100%)	NA	Ipsilateral	No	V1-V3	Pre-Tx (1,100%)	Clipping (1,100%)	Part-Recov (1,100%)	1.5	1.5	1
Matsumoto_1996 (Japan)	Case report	1	F (1,100%)	84	ICA-cav (1,100%)	>25 (Giant)	UR (1,100%)	Sac (1,100%)	Right	Ipsilateral	Yes (III,IV,VI)	V1-V2	Pre-Tx (1,100%)	Conservative (1,100%)	Part-Recov (1,100%)	8	8	1
Date_1998 (Japan)	Case series	6	NA	52.2 (11-75)	ICA-cav (6,100%)	30.3 (Giant)	UR (6,100%)	Sac (6,100%)	NA	Ipsilateral	Yes (II,III,IV,VI)	V1-V3	Pre-Tx (6,100%)	Conservative (6,100%)	Comp-Recov (6,100%)	NA	12-240	NA
Hahn_2000 (Canada)	Case series	21	F (18,86%) M (3,14%)	54.5 (6-72)	ICA-cav (21,100%)	>25 (Giant)	UR (21,100%)	Sac (21,100%)	NA	Ipsilateral	Yes (III,IV,VI)	V1(6)/ V1-V2(8)/ V2-V3(2)/ V1-V3(3)/ Motor+Sensory (2)	Pre-Tx (21,100%)	Bypass (21,100%)	NA	NA	NA	NA
Terao_2001 (Japan)	Case report	1	M (1,100%)	56	PcomA (1,100%)	32 (Giant)	R (1,100%)	Sac (1,100%)	Left	Ipsilateral	Yes (III,VII)	V1-V3	Pre-Tx (1,100%)	Clipping (1,100%)	Comp-Recov (1,100%)	3	3	1
Perrini_2004 (USA)	Case report	1	M (1,100%)	47	ICA-cav (1,100%)	28 (Giant)	UR (1,100%)	Sac (1,100%)	Right	Ipsilateral	No	V1-V2	Pre-Tx (1,100%)	Conservative (1,100%)	Part-Recov (1,100%)	7.5	7.5	1
Tatsui_2005 (Brazil)	Case report	1	F (1,100%)	47	ICA-cav (1,100%)	NA	R (1,100%)	Sac (1,100%)	Left	Ipsilateral	No	V1-V3	Post-Tx (1,100%)	Coiling (1,100%)	Comp-Recov (1,100%)	2	24	NA
Suzuki_2005 (Japan)	Case report	1	M (1,100%)	46	ICA-cav (1,100%)	13 (Large)	UR (1,100%)	Fus (1,100%)	Right	Bilateral	Yes (III,IV,VI)	V1	Pre-Tx (1,100%)	Coiling (1,100%)	Comp-Recov (1,100%)	NA	NA	NA
Thorat_2007 (Singapore)	Case report	1	M (1,100%)	34	AcomA (1,100%)	4 (Small)	R (1,100%)	Sac (1,100%)	Left	Ipsilateral	No	V2-V3	Post-Tx (1,100%)	Coiling (1,100%)	Part-Recov (1,100%)	0.23	6	1
Kono_2013 (Japan)	Case report	1	F (1,100%)	81	ICA-cav (1,100%)	26 (Giant)	UR (1,100%)	Sac (1,100%)	Right	Ipsilateral	Yes (VI)	V1-V3	Pre-Tx (1,100%)	Coiling (1,100%)	Comp-Recov (1,100%)	2	2	2

Moon_2014 (USA)	Case report	4	M (3,75%) F (1,25%)	56.5 (28-75)	ICA-cav (4,100%)	21.2 (Large)	UR (4,100%)	Sac (4,100%)	Right	Ipsilateral	No	V1-V3	Post-Tx (4,100%)	FD (4,100%)	Part-Recov (4,100%)	NA	NA	NA
Zis_2015 (Greece)	Case report	1	M (1,100%)	60	BA-SCA (1,100%)	NA	UR (1,100%)	Sac (1,100%)	Left	Ipsilateral	No	V1-V3	Pre-Tx (1,100%)	NA	NA	NA	NA	NA
Zelman_2016 (USA)	Case report	1	F (1,100%)	42	PcomA (1,100%)	7 (Medium)	UR (1,100%)	Sac (1,100%)	Right	Ipsilateral	No	V1-V3	Pre-Tx (1,100%)	Clipping (1,100%)	Comp-Recov (1,100%)	0.5	0.5	1
Kobets_2017 (USA)	Case report	1	F (1,100%)	41	ICA-cav (1,100%)	10 (Large)	UR (1,100%)	Sac (1,100%)	Right	Contralateral	Yes (III)	V1-V2	Post-Tx (1,100%)	FD (1,100%)	Comp-Recov (1,100%)	0.1	3	NA
Vanikieti_2018 (Thailand)	Case report	1	F (1,100%)	88	ICA-cav (1,100%)	27 (Giant)	UR (1,100%)	Sac (1,100%)	Right	Ipsilateral	Yes (III,IV,VI)	V1-V2	Pre-Tx (1,100%)	Conservative (1,100%)	Comp-Recov (1,100%)	7	7	0
Kikkawa_2019 (Japan)	Case series	8	F (8,100%)	66.6 (51-81)	ICA-cav (8,100%)	23.7 (Large)	UR (8,100%)	Sac (8,100%)	NA	Ipsilateral	Yes (III,IV,VI)	V1-V3	Pre-Tx (8,100%)	Bypass (8,100%)	Comp-Recov (8,100%)	0.24	6	NA
Nishimoto_2023 (Japan)	Case report	2	NA	67.4	ICA-cav (2,100%)	15 (Large)	UR (2,100%)	Sac (2,100%)	NA	Ipsilateral	No	V1-V3	Pre-Tx (1,100%)	FD (1,100%)	Comp-Recov (1,100%)	12	12	0

**Abbreviations:** **AcomA**, Anterior communicating artery; **BA-SCA**, Basilar artery-Superior cerebellar artery; **CNP**, Cranial nerve palsy; **Comp-Recov**, Complete-Recovery; **F**, Female; **FD**, Flow diversion; **Fus**, Fusiform; **ICA-cav**, Internal carotid artery - cavernous portion; **M**, Male; **mRS**, Modified Rankin scale; **N/Recov**, No recovery; **Part-Recov**, Partial-Recovery **PCA**, Posterior cerebral artery; **PcomA**, Posterior communicating artery; **Post-Tx**, Post-treatment; **Pre-Tx**, Pre-treatment; **R**, Ruptured; **Sac**, Saccular; **UR**, Unruptured.