

Supplement Table 1 Sylvian meningiomas are mostly present in the children, with a male predominance, and sometimes in young men

| Authors (yr) | Age | Sex | Size | Region | Clinical features | Histopathology |
|---------------------------------------|-----|-----|------|--------|-----------------------------|----------------|
| Cushing et al. 1938 ^[13] | 8 | M | 5 | USA | Seizure | Psammomatous |
| Cushing et al. 1938 | 48 | F | 8×7 | USA | Seizure | Psammomatous |
| Barcia et al 1953 ^[4] | 20 | F | N/A | N/A | Seizure | Psammomatous |
| Mori et al.1977 ^[27] | 23 | M | N/A | Janpan | Seizure | Transitional |
| Saito et al.1979 ^[30] | 31 | F | 1.7 | Janpan | Seizure | Psammomatous |
| Tsuchida et al.1981 ^[33] | 46 | M | N/A | Janpan | Headache | Psammomatous |
| Awa et al.1982 ^[3] | 16 | M | N/A | Janpan | Headache | Meningothelial |
| Okamoto et al 1985 ^[29] | 27 | F | N/A | Japan | Headache | Fibroblastic |
| Okamoto et al 1985 | 35 | F | N/A | Japan | Headache,visual disturbance | Fibroblastic |
| Drake et al1985 ^[15] | 3 | F | 5 | Canada | Headache,vomiting | Malignant |
| Hirao et al 1986 ^[18] | 34 | F | 6 | Janpan | Seizure | Fibroblastic |
| Silbergeld et al 1988 ^[32] | 4 | F | N/A | USA | Seizure | Meningothelial |
| Cho et al1990 ^[11] | 2 | M | N/A | Korea | Epilepsy,hemiparesis | Transitional |
| Graziani et al 1992 ^[17] | 19 | M | | | | Psammomatous |

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|--------------------------------------|----|---|-------------|-----------|----------------------|-----------------------|
| Mori et al 1994 ^[28] | 12 | M | 7 | Janpan | Headache | Transitional |
| Chiocca et al 1994 ^[10] | 26 | F | 1.7×1.4 | USA | Seizure | Fibrous |
| Matsumoto et al 1995 ^[23] | 62 | F | N/A | Janpan | Seizure | Psammomatous |
| Cooper et al 1997 ^[12] | 4 | M | N/A | UK | Headache | Transitional |
| Mitsuyama et al 2000 ^[25] | 1 | M | 3×3×4 | Janpan | Seizure | Fibrous |
| Kaplan et al 2002 ^[19] | 11 | M | 4.5×4×4.5 | USA | Seizure | Atypical |
| Moon et al 2003 ^[26] | 36 | M | 3.5×3.5×3 | Korea | Seizure | Transitional |
| Chang et al 2005 ^[9] | 35 | M | 3.5 | Korea | Seizure | Transitional |
| Mclver et al 2005 ^[24] | 23 | M | N/A | USA | Seizure | Chordoid |
| Kumar et al 2009 ^[31] | 6 | M | 4.9×3.9×4 | India | Seizure | WHO grade I |
| Cecchi et al 2009 ^[7] | 23 | M | N/A | Italy | Headache,hemiparesis | Atypical |
| Ma et al 2012 ^[21] | 53 | M | 7×6.2×5 | China | Seizure | Atypical |
| Chae et al 2012 ^[8] | 69 | M | 2.4×3×2.5 | Australia | Incidental | Psammomatous |
| Aras et al 2013 ^[2] | 15 | M | 5.5×6×6.8 | Turkey | Seizure | Fibroblastic |
| Aras et al 2013 | 28 | M | 5.3×3.2×4.8 | Turkey | Seizure,hemiparesis | Meningothelial |
| Kim et al 2013 ^[20] | 43 | M | 1.5×1.6×1.6 | Korea | Seizure | Lymphoplasmacyte-rich |
| Fukushima et al 2014 ^[16] | 10 | M | 3.6 | Japan | Seizure | Sclerosing |

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|--|----|---|-------------|-------|------------------------------|-------------------------------------|
| Matar et al 2016 ^[22] | 39 | M | 5×4 | | Seizure,headache | Transitional |
| Donovan et al 2016 ^[14] | 11 | M | 5×5×4 | USA | Seizure,nausea | Transitional |
| Donovan et al 2016 | 7 | M | 4×5×4 | USA | Seizure,headache | Fibrous transformed to WHO grade II |
| Donovan et al 2016 | 16 | F | N/A | USA | Seizure | Meningioangiomas |
| Brogna et al 2018 ^[5] | 32 | M | | UK | Headache,dizziness | Atypical |
| Yamagishi et al 2019 ^[34] | 32 | F | 2.4×1.9×2.1 | Japan | Headache | Transitional |
| Amirjamshidi et al 2019 ^[1] | 7 | F | 4×4×5 | Iran | Headache,hemiparesis | Meningothelial |
| Amirjamshidi et al 2019 | 5 | F | 7×8.5×8 | Iran | Headache,Seizure,hemiparesis | Meningothelial |
| Amirjamshidi et al 2019 | 7 | M | 3.5×4.5×4 | Iran | Headache,Seizure,hemiparesis | Meningothelial |
| Cai et al ^[6] | 35 | F | 2.5×2 | China | Seizure | Atypical |
| Present case | 26 | M | 1.1×1.2×1.2 | China | Seizure | Psammomatous |

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