

Supplementary

Table S1 Patient Characteristics

Patient number	Sex	Intraocular RB	Age at Dx (months)	Months from Dx to trilateral	Trilateral site	Intracranial tumor size (mm)	Intracranial tumor ADC (# $\times 10^{-3}$ mm ² /s)	Intraocular tumor ADC ($\times 10^{-3}$ mm ² /s) (L/R)	Metastases seen at TRB Dx	Symptomatic TRB	Chemotherapy	Status
1	Female	Bilateral	19	0	Pineal	22×18×14	0.65	0.74 / 0.85	Yes	Yes	Not treated	Lost to follow-up
2	Male	Bilateral	4	0	Pineal	9.5×5.5×5	NA*	NA*	NO	NO	Not treated	DOD (18 months)
3	Female	Bilateral	16	0	Suprasellar	21×15×12	1.25	0.84 / 0.82	NO	Yes	Not treated	Lost to follow-up
4	Female	Bilateral	11	0	Suprasellar	33×26×40	0.57	0.66 / 0.67	Yes	Yes	Not treated	DOD (4 months)
5	Female	Unilateral	2.5	0	Suprasellar	40×45×43	0.63	No affected/ 0.41	Yes	Yes	Not treated	DOD (3 months)
6	Male	Bilateral	6	0	Suprasellar + pineal	15×14×12/ 5×4.2×4	0.77	0.29 / Atrophy	NO	NO	Not treated	DOD (8 months)
7	Male	Bilateral	26	0	Suprasellar + pineal	5×4.5×5/ 15×13×10	NA*	NA*	NO	NO	VPCyE	Lost to follow-up
8	Female	Bilateral	33	26	Pineal	27×21×22	0.73	NA*	NO	Yes	VPCyE	DOD (34 months)
9	Male	Bilateral	15	10	Pineal	15×9×7	NA*	NA*	NO	Yes	VPCyE	DOD (17 months)
10	Male	Bilateral	8	19	Pineal	12.5×12×13	0.54	NA*	NO	NO	VPCyE	DOD (13 months)
11	Male	Bilateral	6.5	0	Pineal	8×6×7	0.52	0.55 / 0.73	NO	NO	VPCyE	DOD (18 months)
12	Male	Bilateral	12	0	Suprasellar	30×22×24	0.53	0.58 / 0.74	NO	Yes	VPCyE	EFS (3 months)
13	Female	Bilateral	15	0	Pineal	11×8×9	0.68	0.83 / 0.32	NO	NO	VPCyE, AHSCR	EFS (24 months)
14	Male	Bilateral	4	0	Suprasellar	10×10×7	0.62	0.74 / 0.14	NO	NO	VPCyE, AHSCR	EFS (54 months)

L, left; R, right; RB, retinoblastoma; TRB, trilateral retinoblastoma; Dx, diagnosis; V, vincristine; P, cisplatin; Cy, cyclophosphamide; E, etoposide; EFS, event-free survival; DOD, died of disease; AHSCR, high-dose chemotherapy with autologous hematopoietic stem cell rescue. NA, not available. #, A mean of ADC value was shown for patients with concurrent pineal and suprasellar lesion. *, This patient was firstly diagnosed in other hospital but treated and followed-up in Xinhua hospital. We failed to obtain the ADC value.