

TABLE 4 Proportion and spectrum of neurological complications among 311 prospectively enrolled non-neurological malignancies

Oncological diagnosis (Total-patients, N)	No. of children with neurological manifestations (n, %)	Neurological diagnosis (etiology)	n	Main symptoms
Acute Lymphoblastic Leukemia (N=95)	9 (9.4)	Meningitis CNS involvement at presentation (<i>CSF positive for blast cells</i>) *PRES Intracranial bleed <i>Cause not found (NCV normal)</i>	3 2 1 1 2	Seizure, headache Seizure Seizure ptosis paraparesis, seizure
Retinoblastoma (N=28)	3 (10.7)	Intracranial extension	3	Seizure
Acute Myeloid Leukemia (N=32)	3 (9.3)	posterior epidural space infiltration D2- D10 CNS relapse <i>No obvious cause found</i>	1 1 1	paraparesis headache seizure
Ewing's sarcoma (N=22)	3 (13.6)	Spinal cord compression Meningitis	2 1	Paraparesis Seizure
Neuroblastoma (N=17)	1 (5.9)	extradural extension.	1	Paraparesis
Wilm's Tumour (N=35)	2 (5.7)	Intracranial bleed Cerebral edema	1 1	Seizure Seizure
Germ cell tumor (N=9)	1 (11.1)	Spinal cord compression	1	Paraparesis
Rhabdomyosarcoma (N=20)	1 (5)	<i>No obvious cause found(NCV normal)</i>	1	Foot drop
Non Hodgkin Lymphoma (N=12)	1 (8.3)	Intracranial bleed	1	Seizure
Hodgkin Lymphoma (N=26)	None	N/A		
Langerhans cell histiocytosis (N=6)	None	N/A		
Osteosarcoma (N=3)	None	N/A		
Hepatoblastoma (N=2)	None	N/A		

**PRES: posterior reversible encephalopathy syndrome **NCV nerve conduction velocity, N/A-not applicable*