

Table 4 Clinical and laboratory finding in patients positive for virus in CSF

						Symptoms		blood		CSF				
Pat #	Age	Sex	Results		Admission cause	Enceph.?	Mening.?	WBC	CRP	WBC	Poly	Mono	Diagnosis	AVT
1	77	M		EBV	acute onset, reduced	No	No	11	62	5	2	3	SAH, bacterial infection	
2	64	F	VZV	EBV	fever, decreased consciousness	No	No	9.4	45	427	170	257	Brain tumor	
3	53	M	HSV-2	EBV	fever, decreased consciousness	No	Yes	10.7	109	135	27	108	Brain hemorrhage, meningitis	
4	53	M	HSV-1		headache, personality change	Yes	No	8.1	<10	0.5	0.4	0.1	Hydrocephalus/encephalitis	
5	82	M		CMV	fever, post op cerebi	No	No	17	63	21	5	16	Meningioma, infection	
6	86	F		EV	fever, decreased consciousness	Yes	Yes	9.8	140	1.4	0	1.4	Herpes zoster, bacteremia	yes
7	61	F		EBV	post op double vision, CSF	No	No	10.2	<10	1315	515	800	Meningioma, post-op	
8	70	F	HSV-2		sudden headache	No	Yes	6.4	11	102.8	18.6	84	HSV2 meningitis	
9	58	M	HSV-1		acute confusion, dysphasia	Yes	No	16.3	<10	26.6	0.6	26	HSV1 encephalitis	yes
10	52	F		EBV	dizziness, vomiting, headache	No	No	17.8	89	104	n.d	n.d.	SAH	
11	56	M	VZV		Rash, decreased consciousness	No	Yes	6.3	111	26	0	26	varicella meningitis	yes
12	65	M		EBV	Fever, post op cerebri	No	No	11	32	150	2	148	Spinal metastasis, <i>S. aureus</i>	
13	65	M		EBV	ventricular shunt dysfunction	No	No	5.5	<10	109	3	106	ventricular shunt dysfunction	
14	63	M		EBV	fever post-op	No	No	9	<10	1.7	0.1	1.6	SAH	
15	54	F		EBV	acute headache	No	No	16.1	98	96	n.d.	n.d.	SAH, pneumonia	
16	60	F		EBV	dizziness, arm weakness	No	No	6.3	<10	0.8	0.2	0.6	cerebrovascular disease	
17	40	F		EBV	double vision, dysphasia,	Yes	No	14.1	<10	514	10	504	Borrelia	yes

SAH: subarachnoidal hemorrhage, Enceph: encephalitis, Mening: meningitis, WBC: white blood cells, CSF: cerebrospinal fluid, CRP: C-reactive protein, Poly: polymorphonuclear cells, Mono: mononuclear cells

AVT: antiviral treatment, n.d.: not determined