

Appendix Table. Characteristics of cancer patients with suspected  $\beta$ -herpesvirus infection on the basis of DNAemia and clinical signs and symptoms\*

Study no.	Interval, mo†	Clinical status	Age, y	Chemo-therapeutics	Symptoms in addition to fever	Fever duration, d	Pertinent physical findings	General appearance	AV	Pertinent laboratory values	Viral load (copies/mL)							
											HHV-6B				CMV			
											WB	PBMC	PL	LC	WB	PBMC	PL	LC
23	<1	AML recurrence‡	5	ARA-C, gemtuzumab, ozogamicin	Diarrhea	6	None	Well	None	ANC 0, ALC 560, high-avidity antibody to HHV-6	1,560	495	-	-	-	-	-	-
19	1	ALL in remission	2.1	Asparaginase, 6-MP, MTX, vincristine, decadron	URI	1	Hepatomegaly, red left tympanic membrane	Ill	None	AST 2,356, ALT 2,410, high-avidity antibody to HHV-6	NT	NT	-	685	NT	NT	-	-
25	2	ALL in remission	2.3	Daunorubicin, MTX, vincristine, ARA-C	None	1	None	Well	None	ANC 550, high-avidity antibody to HHV-6	58	-	-	NT	-	-	-	-
38	3	Wilms tumor	1.9	Actinomycin-D, vincristine	None	1	None	Well	None	ALC 530, high-avidity antibody to HHV-6	NT	97	-	NT	NT	-	-	NT
29	36	ALL in remission	5.4	6-MP, MTX	URI	1	None	Well	None	ALC 300, CMV IgG negative	-	-	-	-	26,300	25	-	-

\*AV, antiviral therapy; HHV-6B, human herpesvirus 6B; CMV, cytomegalovirus; WB, whole blood; PMBC, peripheral blood mononuclear cells; PL, plasma; LC, lymphocyte culture, AML, acute myeloid leukemia; ARA-C = cytarabine, ANC, absolute neutrophil count in cells/ $\mu$ L; ALC, absolute lymphocyte count in cells/ $\mu$ L; ALL, acute lymphoblastic leukemia; 6-MP, 6-mercaptopurine; MTX, methotrexate; URI, upper respiratory infection; AST, aspartate aminotransferase in U/L; ALT, alanine aminotransferase in U/L; NT, not tested (i.e., specimen not available or equipment failure); IgG, immunoglobulin G.

†Time between fever and onset of immune suppression.

‡We describe this patient as immune suppressed for <1 mo. This patient originally was treated for AML and had ended therapy 12 months before study enrollment.