

Supplementary Table 1. Classification of acute encephalopathy

Pathomechanism	Metabolic error	Cytokine storm	Excitotoxicity	Unknown
Diseases and syndromes	Inherited metabolic disorders	Reye-like syndrome	AESD including HH syndrome	AERRPS
	Classical Reye syndrome	HSES		FIRES
		ANE		MERS

AERRPS, acute encephalitis with refractory, repetitive partial seizures; AESD, acute encephalopathy with biphasic seizures and late reduced diffusion; ANE, acute necrotizing encephalopathy; FIRES, Febrile infection related epilepsy syndrome; HSES, haemorrhagic shock and encephalopathy syndrome; HH, hemiconvulsion-hemiplegia; MERS, clinically mild encephalitis/encephalopathy with a reversible splenial lesion.