

On-line Table: Demographic and imaging data

Patient No.	Sex, Age (yr)	Neurologic Symptoms (d)	cMRI (d)	Neuroimaging
1	F, 61	Generalized seizures, delirium (0)	3 ^a	MTL, insula: symmetric laminar SA with enhanced T2WI and DWI signal; left amygdala: acute pointy diffusion restriction (low ADC value); bithalamic irregular, mild patchy SA (DWI, T2); pons: symmetric pointy SA (DWI, T2)
		Status epilepticus, intravenous anesthesia with barbiturates with antiseizure effects	10	Most severe signal changes: MTL and insula: symmetric laminar SA and increased size of patchy ischemia in left amygdala (high signal on DWI and mildly increased in ADC); lateral thalamus/PLIC: bilateral hyperintensity (DWI, T2); pons: symmetric pointy SAs (T2, FLAIR)
		Tracheotomy due to pneumonia, spontaneous breathing, fully awake but in mild confusional state	45	MTL and lateral thalamus: fading of SA (mild T2 hyperintensity, no DWI lesions); left amygdala: decreased DWI signal, T2 shine through in ADC; left dorsolateral thalamus: new hyperintensity (high DWI, low ADC); pons: complete signal normalization
2	F, 42	Aphasia, apraxia, memory deficits (2)	0 ^a	No certain SA
		Aphasia, apraxia, memory deficits	4	Symmetric pointy SAs in pons (T2, DWI); thalamus: mild pointy bilateral SA (T2, DWI)
3	F, 59	Complete neurologic recovery	17 ^a	Complete normalization of thalamic and pontine SA
		Delirium, memory deficits (3)	41 ^a	No SA in DWI and T2
3	F, 59	Complete neurologic recovery	5 ^a	No signal changes
		Complete neurologic recovery	27	Multiple pointy SAs in periventricular and juxtacortical white matter, mainly in bilateral frontal lobe, less frequently in parietal lobe (T2; not visible on DWI a/o ADC)
4	F, 44	Complete neurologic recovery	70	Persistent pointy SAs in frontal and parietal white matter
		Severe delirium, catatonia, panic agitation (3)	4	Symmetric pointy SAs in pons (T2, not certain DWI)
4	F, 44	Nearly complete neurologic recovery, mild residual depression and lower performance level	59 ^a	Complete signal normalization
		Hallucinations, psychotic confusional state (4)	5 ^a	Symmetric pointy SAs in pons (T2, DWI)
5	F, 50	Complete neurologic recovery	102	Complete normalization of pontine SA; new cortical pointy SAs in left precentral gyrus
		Mild aphasia, anxiety symptoms (2)	28	Pointy SAs in pons (on coronal T2)
6	F, 36	Nearly complete neurologic recovery, residual lower performance level	61 ^a	No definite SA
		Mild aphasia (2) anxiety symptoms	1	Left PLIC (only DWI)
7	F, 50	Complete neurologic recovery	54 ^a	Signal normalization
		Dysarthria, delirium, diplopia, visual impairment (5)	1 ^a	Left thalamus/PLIC; 2 small pointy SAs in left cerebellum and 1 pointy SA in left parietal lobe (T2)
8	F, 31	Complete neurologic recovery	59 ^a	Cerebellar lesions not visible/normalized; left PLIC: SA improved, cortical SA in right parietal lobe persistent
		Aphasia, delirium, confusional state (2)	5 ^a	No signal changes
9	F, 29	No aphasia and delirium	20	Subcortical patchy SA in right frontolateral lobe (T2) (DWI movement artifacts)
		Complete neurologic recovery	60 ^a	Signal normalization
10	F, 62	Seizures, delirium (7)	0	No certain SA (movement artifacts of T2)
		Mental confusion	4 ^a	No SA
10	F, 62	Complete neurologic recovery	71 ^a	No certain SA
		Memory deficits, anxiety symptoms (12)	60 ^a	No SA

Note:—d indicates number of days after onset of neurologic symptoms at the time point cranial MRI; MTL, mesiotemporal lobe including the hippocampus and amygdala; PLIC, posterior limb of the internal capsule; PWM, periventricular white matter; SA, signal alteration; T2, T2-weighted imaging.

^a Administration of MRI contrast agent gadolinium.