

Table 8. SPECT studies in 20 patients with KLS, during a symptomatic period only (n=3), during an asymptomatic interval only (n=6) and during both a symptomatic period and an asymptomatic interval (n=9)

Authors	Patients Sex, age	Age of onset	SPECT	SPECT	Delay after
			Symptomatic period	Asymptomatic period	last episode
Lu et al. ³⁶	M, 28 y	14 y	dtp in basal ganglia, hypothalamus and R- fronto-temporal region	-	
Landtblom et al. ⁵⁴	M, 20 y	18 y	dtp in fronto-temporal region (most prominent on the L-side)	Improved perfusion although not normal	7 years
Landtblom et al. ⁵⁵	F, 25 y	16 y	-	normal	month apart
	M, 21 y	14 y	-	normal	7 years
	M, 17 y	13 y	-	dtp in frontal and temp. regions bilaterally	month apart
Arias et al. ⁵⁶	M, 17 y		dtp in R-frontal region	-	month apart
Nose et al. ⁵⁷	M, 28 y	28 y	dtp in left thalamus	normal	month apart
Portilla et al. ⁵⁸	M, 13.5 y	13 y	dtp in L-hippocampus	dtp in L-hippocampus	5 weeks
Saignes ²⁴	M, 12 y	12 y	dtp in L-hippocampus (post)	dtp in L-hippocampus	5 weeks
	M, 10.5 y	10.5 y	-	dtp in R-hippocampus (moderate)	2 days

Huang et al. ⁵⁹	M, 27 y	17 y	-	dtp in L-anterior temporal lobe	> 1 month
	M, 12 y	11 y	almost normal	almost normal	> 1 month
	M, 13 y	12 y	dtp in basal ganglia, thalamus, temporal, parietal, occipital and frontal lobes	partial normalization	> 1 month
	M, 27 y	14 y		dtp in R-post temporal lobe and bilateral parietal and occipital lobes	month apart
	M, 23 y	14 y	dtp in thalamus, basal ganglia, occipital temporal, frontal and parietal lobes	partial normalization	> 1 month
	M, 18 y	15 y	dtp in occipital, parietal, temporal lobes, thalamus and frontal lobes	partial normalization	> 1 month
	M, 13 y	11 y	dtp in thalamus, basal ganglia, occipital, frontal parietal and temporal lobes	partial normalization	> 1 month
Hong et al. ⁶⁰	F, 22 y	?	dtp in frontal and temporal lobes, thalamus/hypothalamus	dtp in R-mesial temporal lobe	1.5 month
Itokawa et al. ⁶¹	F, 17 y	16 y	dtp in L-medial temporal lobe, and R-opercular areas, and after subtraction dtp in R-thalamus and ventral striatum		month apart

Hsieh et al. ⁶²

F, 13 y

11 y

dtp in mesial aspect, in inferior portion of
both temporal lobes (more prominent at
the left side) and slightly in the right
occipital lobe

dtp : diminished tracer perfusion