

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	Age of onset	SPECT	SPECT	Delay after
	Sex, age		Symptomatic period	Asymptomatic period	last episode
Lu et al. <sup>36</sup>	M, 28 y	14 y	dtp in basal ganglia, hypothalamus and R-fronto-temporal region	-	
Landtblom et al. <sup>54</sup>	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. <sup>55</sup>	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. <sup>56</sup>	M, 17 y		dtp in R-frontal region	-	month apart
Nose et al. <sup>57</sup>	M, 28 y	28 y	dtp in left thalamus	normal	month apart
Portilla et al. <sup>58</sup>	M, 13.5 y	13 y	dtp in L-hippocampus	dtp in L-hippocampus	5 weeks
Saignes <sup>24</sup>	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. <sup>59</sup>	M, 27 y	17 y	-	ntp in L-anterior temporal lobe	> 1 month
	M, 12 y	11 y	almost normal	almost normal	> 1 month
	M, 13 y	12 y	ntp in basal ganglia, thalamus, temporal, parietal, occipital and frontal lobes	partial normalization	> 1 month
	M, 27 y	14 y		ntp in R-post temporal lobe and bilateral parietal and occipital lobes	month apart
	M, 23 y	14 y	ntp in thalamus, basal ganglia, occipital temporal, frontal and parietal lobes	partial normalization	> 1 month
	M, 18 y	15 y	ntp in occipital, parietal, temporal lobes, thalamus and frontal lobes	partial normalization	> 1 month
	M, 13 y	11 y	ntp in thalamus, basal ganglia, occipital, frontal parietal and temporal lobes	partial normalization	> 1 month
Hong et al. <sup>60</sup>	F, 22 y	?	ntp in frontal and temporal lobes, thalamus/hypothalamus	ntp in R-mesial temporal lobe	1.5 month
Itokawa et al. <sup>61</sup>	F, 17 y	16 y	ntp in L-medial temporal lobe, and R-opercular areas, and after subtraction ntp in R-thalamus and ventral striatum		month apart

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Hsieh et al. <sup>62</sup>

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

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dtp : diminished tracer perfusion