

Table 3 : Recurrent hypersomnia with comorbidity : cases assumed to be secondary to the associated disease

Authors	Sex	Age of onset	Circumstances at onset	Behavioral symptoms	Cognitive symptoms	Physical examination	Neuroimaging	Diagnosis
Lhermitte and Kyriaco ⁵	F	43 y	Epileptic seizures	Hypersomnia Oversexuality	Torpor Slowness	Frontal syndrome	None	Left frontal tumor
Lobzin et al. ²⁵	M	18 y	Progressive headache	Hypersomnia		Normal	Air EEG: enlarged lateral and 3 rd ventricle	Cerebral arachnoidite, Hydrocephalus
Takrani and Cronin ²⁶	F	48 y	-	Hypersomnia Compulsive eating Oversexuality	Confusion Hallucinations	Impaired verbal abilities	CT scan: normal	Paraneoplasia (uterine carcinoma)
Argenta et al. ²⁷	M	18 y	-	Hypersomnia	-	Normal	CT scan: Ectopic liquid containing tissue at the posterior	Lipoma

							portion of the floor of the 3rd ventricle	
Drake ²⁸	M	60 y	Several strokes	Hypersomnia Compulsive eating	Incoherent speech	Frontal and pseudo bulbar syndromes	CT scan: frontal and subcortical infarctions	Strokes
Chiu et al. ²⁹	M	16 y	Severe head injury	Hypersomnia Compulsive eating	-	Thalamic syndrome	CT scan: low attenuation area involving several brain regions	Head traumatism
McGilchrist et al. ³⁰	M	41 y	Stroke 1.5 y before	Hypersomnia Compulsive eating Oversexuality Odd behavior	Delusions/ Hallucinations	Mild L-sided pyramidal signs	CT scan: small infarct in the R-thalamus	Thalamic infarct
Fenzi et al. ³¹	F	8 y	Behavioral	Hypersomnia	-	Peduncular	CT scan:	Post-mortem

			disorders	Compulsive eating		syndrome	normal	examination: inflammatory lesions in medial and intrathalamic nuclei
Kostic et al. ³²	M	17 y	Epidural haematoma	Hypersomnia Compulsive eating Oversexuality Odd behavior	-	L homonymous hemianopia	MRI: lesions in the R hypothalamus	Epidural haematoma
Pelin et al. ³³	M	22 y	R-frontal fracture	Hypersomnia Compulsive eating	-	L-sided hemiparesis for 10 days	MRI: Encephalomalacic area at the R anterior-inferior frontal lobe	Head traumatism
Cheung ³⁴	M	62 y	Head injury without loss of consciousness	Hypersomnia Compulsive eating Oversexuality Odd behaviour	-	?	MRI: old contusion and gliosis in the L temporal and	Head traumatism

frontal lobes

and in the

R-occipital lobe

R- right; L- left