

Table 1. Reports of Late-Onset Obsessive-Compulsive Disorder (OCD)

Reference	Age at Onset	Gender	Profile of OCD Symptoms	Organicity	Medication	Response	Progression to Other Neurodegenerative Disorder
Bhattacharyya and Khanna ²	65 y	Male	Obsession of making mistakes, obsessive fear of illness, compulsive recitation of God's name	None	Fluvoxamine 200 mg/d	Good	Not reported
Pompanin et al ⁶	50 y	Male	Aggressive obsessions of harming someone and checking rituals	Severe cortical atrophy of the left temporal pole extending to the frontal lobe	Clomipramine 75 mg/d and fluvoxamine 150 mg/d	Partial	Semantic dementia
Bersano et al ⁷	57 y	Female	Obsession of dirt and contamination	Brain MRI showed on FLAIR pulse sequences bilateral hippocampal and temporal atrophies with mild right hippocampal sclerosis	Medication and psychotherapy (details not given)	Poor	Primary lateral sclerosis and frontotemporal dementia
Weiss and Jenike ⁴	53 y	Female	Obsessions that "something terrible" would happen and checking rituals	Non-contrast-enhanced cranial CT demonstrated diffuse, mild cortical atrophy; focal area of low attenuation was also noted in the head of the left caudate, consistent with a lacunar infarct of uncertain age	Clonazepam 0.25 mg/d	Poor	None
	50 y	Female	Obsessive fears of HIV contamination; checking and washing compulsion	CT scan of the head, done as part of the syncopal workup, revealed abnormal T2 hyperintensities in the bilateral frontal periventricular white matter adjacent to the frontal horns; a hyperintense lesion was also noted in the central pons	Clomipramine and clonazepam (dose not mentioned)	Poor	None
	52 y	Male	Obsession of infection and contamination; washing rituals	CT scan of the head done 2 years prior to admission revealed bilateral hypodense areas in the caudate nuclei, consistent with lacunar infarcts of unclear age	Fluvoxamine 150 mg/d	Poor	None
	62 y	Male	Obsession of "needed to know" and compulsive checking and avoidance behavior	CT scan of the head revealed a 3 x 4 cm wedge-shaped infarct in the posterior right frontal lobe, with extension to the deep subcortical white matter	Clonazepam (dose not mentioned)	Poor	None
	71 y	Male	Obsessive worries about his tongue	None	Lorazepam and diazepam	Poor	None
Tonna et al ⁸	62 y	Female	Aggressive obsessions and repetitive doubts related to uttering blasphemous phrases during religious ceremonies	MRI revealed the presence of an arachnoid cyst in the left posterior fossa, with left cerebellar hemisphere winged inward and reduced in size compared to the right hemisphere	Sertraline 200 mg/d and haloperidol 1 mg/d	Good	None
Kumar et al ⁹	69 y	Male	Obsessive sexual images and compulsive praying rituals	Brain MRI showed bilateral (including corpus callosum), asymmetric, multifocal white and gray matter lesions, which were non-enhancing and had no mass effect	Clonazepam (0.5 mg/d) and haloperidol (up to 2.5 mg/d)	Poor	None
Özyıldırım et al ¹⁰	75 y	Female	Obsession of dirt and contamination and washing compulsions	None	Citalopram 40 mg/d and mirtazapine 15 mg/d	Good	None
Petrikis et al ¹¹	66 y	Male	Obsession of dirt and contamination	None	Paroxetine 40 mg/d	Good	None
Velayudhan and Katz ¹²	72 y	Female	Obsessive doubts regarding blood sugar levels and subsequent repetitive checking of blood sugar levels	None	Combination of behavior intervention and venlafaxine 300 mg/d	Good	None
Nakaaki et al ¹³	40 y	Male	Obsession of dirt and contamination and obsessive doubt; checking and washing compulsions	MRI showed mild bilateral frontal lobe atrophy	SSRIs (dose not mentioned)	Partial	Frontotemporal lobar degeneration
Frydman et al ¹⁴	57 y	Female	Obsession of dirt and contamination and washing compulsions	Brain MRI showed reduced caudate and hippocampal volumes and small caudate infarcts bilaterally	Adequate trials of paroxetine, sertraline, fluoxetine, citalopram, and clomipramine alone or augmented by different antipsychotics	Poor	Dementia
Carmin et al ¹⁵	78 y	Male	Obsession of "needed to know" and compulsive checking behavior	MRI was noted to be significant for small, lacunar infarcts in the left basal ganglia	ERP and sertraline 200 mg/d	Good	None
Hegde et al ¹⁶	39 y	Female	Obsessive sexual images	Brain MRI involving T1, T2, and FLAIR sequences showed an arachnoid cyst that was oval and an extra-axial mass lesion in the left fronto-parietal region, with broad base toward the falx	Fluoxetine 20 mg/d	Good	None
Pandit and Vardhan ¹⁷	Not given	Male	Obsession of dirt and contamination	Not done	Sertraline 100 mg/d	Good	None

Abbreviations: CT= computed tomography, ERP= exposure and response prevention, FLAIR=fluid-attenuated inversion recover, MRI= magnetic resonance imaging, SSRI= selective serotonin reuptake inhibitor.