Title: Leukodystrophy Overview *GeneReview* Table 7
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Table 7. Disorders with Cortical Gray Matter Lesions on MRI

Feature	Inherited Disorder/Condition		Acquired Disorder/Condition
	Leukodystrophy	Not Leukodystrophy	
Cortical dysplasia		• BLCPMG [1] • CMD [2] • Fumarate hydratase deficiency • *GPR56*-related disorders • Mitochondrial encephalopathies • PBD, ZSS [3]	• Congenital cytomegalovirus infection
Cortical signal abnormalities	ODDD [4] (T_2 hypointensity in pericentral cortex)	• CDG [5] • Dystroglycanopathies • Fabry disease • Menkes disease • Mitochondrial encephalopathies [6] • Molybdenum cofactor deficiency and isolated sulfite oxidase deficiency • MS [7] or ADEM [8] • Urea cycle defects	

Note: Disorders are ordered alphabetically.

1. Band-like calcification with simplified gyration and polymicrogyria
2. Congential muscular dystrophies
3. Peroxisome biogenesis disorders, Zellweger syndrome spectrum; includes neonatal adrenoleukodystrophy; infantile Refsum disease
4. Oculodentodigital dysplasia
5. Congenital disorders of glycosylation
6. Includes MELAS, *POLG*-related disorders, complex I deficiencies
7. Multiple sclerosis
8. Acute disseminated encephalomyelitis