

Focal cortical dysplasia

- [Edge-Enhancing Gradient Echo MRI at 7T for detection of focal cortical dysplasia in epilepsy](#)
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Focal [cortical dysplasia](#) (FCD) was first described as a distinct neuropathological entity in [1971](#) by Taylor and colleagues. FCD is thought to be an embryological migration disorder and is thus considered a non-progressive, unchangeable disease throughout life ¹⁾.

Focal [cortical dysplasia](#) is a [malformation](#) of [cortical](#) development, which is the most common cause of [drug resistant epilepsy](#) in the pediatric population ²⁾.

Epidemiology

see [Focal cortical dysplasia epidemiology](#).

Classification

see [Focal cortical dysplasia classification](#).

Pathogenesis

[Focal cortical dysplasia pathogenesis](#)

Diagnosis

see [Focal cortical dysplasia diagnosis](#).

Treatment

see [Focal cortical dysplasia treatment](#).

Outcome

see [Focal cortical dysplasia outcome](#).

Case series

see [Focal cortical dysplasia case series](#).

Case reports

[Focal cortical dysplasia case reports](#).

¹⁾

Kuroda N, Fujimoto A, Enoki H, Arai Y, Okanishi T. A case of focal cortical dysplasia type Ib atypically showing reversible intensity changes on magnetic resonance imaging which could be affected by epileptic discharge activity. Childs Nerv Syst. 2019 Feb 27. doi: 10.1007/s00381-019-04093-4. [Epub ahead of print] PubMed PMID: 30810857.

²⁾

Kabat J, Król P. Focal cortical dysplasia - review. Pol J Radiol. 2012 Apr;77(2):35-43. PubMed PMID: 22844307; PubMed Central PMCID: PMC3403799.

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Last update: **2024/06/07 02:55**

