

Macroencephaly

AKA macrencephaly, AKA megalencephaly. Not to be confused with [macrocephaly](#), which is an enlargement of the skull. Not a single pathologic entity. An enlarged brain may be due to hypertrophy of [gray matter](#) alone, gray and white matter, presence of additional structures (glial overgrowth, diffuse gliomas, heterotopias, metabolic storage diseases...).

Conditions in which macrocephaly may be seen include:

- neurocutaneous syndromes (especially [neurofibromatosis](#))
- megalencephaly-capillary malformation syndrome (MCAP): an overgrowth syndrome with [megalencephaly](#) (often with hydrocephalus, Chiari malformation, polymicrogyria, and seizures) and capillary malformations in the skin (usually on the face).

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