Agenesia del cuerpo calloso: un tema poco conocido [

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text (article)

Analítica

AbstractCorpus callosum is present only in placental mammals and is composed by approximately 200 - 800 million axons that connect left and right hemispheres. Dysgenesis of corpus callosum may be complete, known as agenesis of the corpus callosum, or partial, known as hypoplasia of the Corpus. Agenesis of the corpus callosum is a malformation that may occur in an isolated way or in association with other disorders of central nervous system. It is one of the most frequent malformations in cerebrum with an estimated prevalence of 1/ 4000 births. There is great clinical variability, since patients may be asymptomatic or present neurological manifestations such as mental retardation, visual problems and seizures. Prenatal diagnosis may be performed through ultrasound and magnetic resonance from week 20 of pregnancy. Postnatal diagnosis may be carried out by performing ultrasound, computerized tomography or magnetic resonance. Currently, there is no specific treatment for Agenesis of the corpus callosum. An early stimulation program has been proposed and, if possible, a psychomotor rehabilitation program that offers improvement of motor and learning disorders. Surgical choice is contemplated only for management of associated malformation ssusceptible of being corrected; symptomatic treatment must be carried out when there are convulsive syndromes
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