

Review of: "The neuropsychological effects of some childhood neurodevelopmental disorders"

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Potential competing interests: No potential competing interests to declare.

The article is describing an important health problem

Some corrections are suggested

- **In the introduction:**

“**anancephaly**” usually anencephaly is the term used .

In the classification the numbered used a), b),... then the heading is bold, the d) is repeated once regular and the second bold “**d) childhood neurodevelopmental disorders due to environmental alterations (e.g., fetal alcohol syndrome, valproic acid embryopathy), Down syndrome, Williams syndrome, Angelman syndrome); d) childhood neurodevelopmental disorders due to environmental disturbances (e.g. fetal alcohol syndrome, valproic acid embryopathy).**”

- 2.1.

The following sentence is too long, break to shorter sentences will be better.“That is to say, it presents a characteristic symptomatology that allows it to be easily differentiated from other childhood neurodevelopmental disorders but, at the same time, no two ASD patients are alike since the personal development of the patient, the support (family, school, social, etc.) and the presence or not of intellectual disability are **modulating factors** in the development of ASD; and this must be taken into account in the intervention. Although each ASD patient is unique, the **diagnosis is usually made early**, between 12 and 24 months, and includes physical medical tests, genetic assessments, and the application of a neuropsychological and psychosocial assessment battery.”

- 3.1.

I am not sure that the definition of neurodevelopmental disorder applies to hydrocephalus.

“**Hydrocephalus** is a neurodevelopmental disorder of childhood that usually occurs **before or around birth**. ” Needs revision can use the definition of hydrocephalus directly then, **Early-onset hydrocephalus** conveys a high risk of neurodevelopmental impairment (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4990005/>)

- Either use foetal or fetal