

Peer Review

Review of: "Neurodevelopmental and Psychiatric Outcomes in Children With Congenital Heart Disease: A Clinical Review"

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The manuscript addresses a very important aspect of the care of CHD patients. Nowadays, improving neurodevelopmental outcomes is a crucial task that involves the medical team, the family, and the school. The author states this clearly, developing a framework for clinical surveillance and timely referral for intervention.

I recommend that the aim of the study be stated clearly and concisely at the end of the Introduction section for further clarity. It could include concepts stated in the "Clinical implications" section for further clarity. For example, "the aim of the study was to develop a targeted narrative clinical review ..intended as a tool for the pediatrician and the pediatric cardiologist in their clinical surveillance of CHD patients' neurodevelopmental health and timely referral for intervention."

As the author mentions, CHD patients include a large variety of diseases, with very different neurodevelopmental impacts. Most patients with CHD do not have severe lesions, do not require neonatal intervention, and have no demonstrated fetal cerebral impact. Referring to the different types of CHD can improve the understanding of the reader, especially for non-cardiologist readers.

I recommend that the author explain the criteria used to select the articles cited, especially as there are only 17 papers. The author could also briefly mention the results of those papers, apart from summarizing their conclusions.

The tables synthesize the concepts very well, and these should not be repeated in the text.

With some minor modifications, I believe this article will make a great contribution to clinical practice in the care of children with CHD.

Declarations

Potential competing interests: No potential competing interests to declare.