

**peer reviewers' questions:** "The diseases included in the manuscript were all simple congenital heart disease, which had little impact on the patient's nervous system and was not representative. The sample size of the manuscript is small."

**Replay:** Our current study is the initial attempt, in view of the non cyanotic type of congenital heart disease the brain development of late also requires a lot of samples compared with normal children. At the same time, the synchronization control cyanotic type congenital heart disease brain development situation, to observe the normal children, a small amounts of hypoxia and a large amount of hypoxia as well as the effects of different types of congenital heart disease on brain development.