

Review Form 1.7

Journal Name:	Asian Journal of Pediatric Research
Manuscript Number:	Ms_AJPR_110669
Title of the Manuscript:	OVERVIEW OF THE MOST PREVALENT PEDIATRIC CARDIOVASCULAR DISEASES: A LITERATURE REVIEW
Type of the Article	

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes. It has addressed the environmental influence and need of preventive aspect of CVD in children. But none of the subheadings has stressed on preventive aspects or the environmental influences.</p> <p>Introduction- About imaging (paragraph starting as 'thirdly') It is better to mention CT scan with 3D printing and virtual reality (VR) techniques. As these techniques have changed the surgical outcome by planning the surgery precisely.</p> <p>In addition, it is worth mentioning fetal interventions as some considered as the preventive strategies(eg- Early intervention for critical Aortic stenosis will prevent the development of Hypoplastic left heart syndrome and for critical Pulmonary stenosis will prevent hypoplastic RV) These will change the surgical approach of univentricular repair to biventricular repair which inturn significantly improve the quality of life.</p> <p>These are important in resource allocation.</p> <p>2. The title reflects many aspects of CVD in children but the content did not cover the whole spectrum. Can keep the same title but need to add more details as mentioned below.</p> <p>3. Very well writtern abstract with good flow.</p> <p>4. ToF – Mentioned as Dynamic RVOTO- True anatomy is dynamic and fixed obstruction of RVOT. Dynamic obstruction of RV infundibulum and fixed obstruction at the pulmonary valve level. This is very important for the surgical/ interventional(ROVT stenting) planning.</p> <p>PDA has been selected under the topic of ' Most prevalent cardiovascular diseases'. Mentioning ventricular septal defect and its various types would have been more appropriate as it is the most common problem dealt surgically and some times by transcatheter intervention.</p> <p>Under acquired heart diseases, infective endocarditis is selected. But Kawaski disease, Kawasaki disease shock syndrome and rheumatic heart disease(RHD) in children contribute major portion. As the author is interested in preventive strategies worth mentioning RHD as it is a preventable disease.</p> <p>It is better to mention about cardiomyopathies as there are conditions which are preventable(Vit D/ Carnitine deficiency). This will suit the title.</p> <p>5. yes with alterations. 6. yes.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes</p>	

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Optional/General comments	It will be a very nice article to include more details. It will be an eye opener for the reseachers to think about preventive aspects of CVD in chilren as less attention is given in children compared to adults.	
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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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