Reviewer’s report

Title: Efficacy and Safety of Oral Sildenafil in Children with Down Syndrome and Pulmonary Hypertension

Version: 0 Date: 26 Dec 2016

Reviewer: Christoph Sinning

Reviewer's report:

The study of Beghetti and co-workers shows the result that in pediatric patients with Down Syndrome medication with sildenafil did not lead to an improve in hemodynamics in comparison to pediatric patients with a non Down Syndrome related type. The authors explain pathomechanisms that might be responsible for the ineffective treatment success of the sidenafil medication in Down Syndrome patients presenting with pulmonary arterial hypertension. However an important result is that there are no major safety concerns related to sildenafil treatment in pediatric patients.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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I am able to assess the statistics
Quality of written English
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Acceptable

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