



PEER-REVIEW REPORT 1

Name of journal: Neural Regeneration Research

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Title: Magnesium sulfate and fetal neuroprotection: overview of clinical evidence

Reviewer's Name: Creed Stary

Reviewer's country: USA

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COMMENTS TO AUTHORS

In the present study the Authors present a review article summarizing evidence for antenatal neuroprotection with MgSO₄. They review 5 RCTs and available original clinical studies, highlighting the benefit of MgSO₄ for neuroprotection and preeclampsia, and absence of adverse effects in both pregnant women and neonates. They conclude that post-natal administration is under evaluated and recommend future RCTs are needed to evaluate the effect in neuroprotection.

The Review is comprehensive and well-written, although there are intermittent English Language errors (*i.e* "evidences" is not a word) and general formatting errors (new paragraphs not indented, spacing not consistent throughout). The article would also benefit from a summary on the proposed mechanisms of action of MgSO₄ in neuroprotection.