

Review Form 1.6

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| Journal Name: | Journal of Pharmaceutical Research International |
| Manuscript Number: | Ms_JPRI_77745 |
| Title of the Manuscript: | DOSE REGIMENS OF OXYTOCIN FOR LABOUR AUGMENTATION : A NARRATIVE REVIEW |
| Type of the Article | Review Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://peerreviewcentral.com/page/manuscript-withdrawal-policy>)

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PART 1: Review Comments

| | 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> |
|--|---|---|
| <u>Compulsory</u> REVISION comments | <p>The topic of the article “Dose Regimens of Oxytocin for Labour Augmentation: a narrative Review” is very actual. The issue of childbirth, stimulation of labor is very important for successful childbirth and the birth of healthy babies. Obstetricians play main role in providing and rising maternal and child health (MCH) care facilities. one amongst the goal of MCH care is safe delivery with smart feto-maternal outcome. The hormone plays vital role to cut back rates of caesarean birth once used for management of dystocia. Interventions with oxytocin particularly at high doses would lead to adverse effects on fetal heart rate and uterine tachysystole which occurs due to reduction in blood flow during contraction in intervillous spaces. The purpose of use of oxytocin is for physiological birth and for successful delivery practices. For augmentation of labour hormone regimens are low-dose (1-3 milli units/min) and High dose (4-7 milli units/min). Studies have shown High-dose of hormone causes hyperstimulation to womb. It's been mentioned that there's decrease in induction to delivery time at meta-analysis.</p> | |
| <u>Minor</u> REVISION comments | <p>The aim of this review is to summarize the safety and effectiveness of oxytocin of each high dose and low dose used for the labour stimulation and augmentation at term. The style of writing of the article is clear and accessible to readers. The number of references is sufficient. References are new. But I recommend the authors to draw better conclusions and more clearly express their own position on the proposal to use high or low doses of oxytocin to stimulate labor. What scheme do they use in their clinical practice and recommend to other specialists?</p> | |
| <u>Optional/General</u> comments | <p>The article can be useful for practical obstetricians-gynecologists and scientists. I have some questions to the authors. Is there a national protocol on delivery tactics and stimulation of labor? What doses of Oxytocin are prescribed according to the national protocol? This information should be specified in the article. The article “Dose Regimens of Oxytocin for Labour Augmentation: a narrative Review” may be published in “Journal of Pharmaceutical Research International” taking into account the recommendations of the reviewer. I wish the authors success in their further research.</p> | |

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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> | |

Reviewer Details:

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|----------------------------------|-----------------------|
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| Department, University & Country | Ukraine |