

## Review Form 1.7

Journal Name:	<b>Asian Journal of Pregnancy and Childbirth</b>
Manuscript Number:	<b>Ms_AJPCB_97016</b>
Title of the Manuscript:	<b>Chromosomal aberrations in couples with infertility</b>
Type of the Article	<b>Original Research Article</b>

### **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:

(<https://www.journalajpcb.com/index.php/AJPCB/editorial-policy> )

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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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. <b>Yes.</b> Chromosomal abnormalities are detectable causes of male and female infertility. They can be missed if karyotype was not performed. Knowing the common types of these abnormalities is important to know the cause and to decide on family planning with the aid of genetic counselling.</p> <p>2. <b>Yes.</b> A more descriptive title can be a better option, e.g. ((Chromosomal aberrations in couples with infertility: a cross-sectional study with demographic and clinical correlation)) if this can be part of the aims and results.</p> <p>3. <b>Yes,</b> but improvement can be obtained by adding no. and % for all findings.</p> <p>4. <b>Yes</b></p> <p>5. <b>Yes</b></p> <p>6. <b>Generally yes;</b> however some references are out-dated (1960). Newer references can be found and used.</p> <ul style="list-style-type: none"> <li>• <b>Avoid use of (our study) in the text. Use (in this or the current study) instead.</b></li> <li>• <b>Why age was so important to be in the aims of this study?</b></li> <li>• <b>Inclusion of detailed clinical variables of the 8 positive cases in results.</b></li> <li>• <b>Methods: was the slide examination and analysis manual or using a computer system?</b></li> <li>• <b>Describe the study design, sample size and sampling technique used.</b></li> <li>• <b>Describe briefly the method of karyotype used (not only GTG-banding technique) as it is an essential part of the study [all materials used, resolution, etc.].</b></li> <li>• <b>What was the general resolution of the karyotype in your center (how many bands per cell?)?</b></li> <li>• <b>Was there any clinical / lab. Abnormalities of the enrolled patients?</b></li> <li>• <b>A table showing all demographic and clinical variables (age groups, sex, ethnicity, country of origin, type of infertility, no. of abortions / still births, no. of previous normal / abnormal children, etc.) of the enrolled patients is preferred to too much text and paragraphs.</b></li> <li>• <b>All information in the table must not be repeated in the text.</b></li> <li>• <b>All tables and figures must be referred to in the text.</b></li> <li>• <b>Pointing to the fact that all detected abnormalities affect autosomal chromosomes, except one with mosaicism of X-chromosome (46XX/47XXX).</b></li> <li>• <b>Discussing the possible patho-etiological role of the detected abnormalities to infertility (not only the controversial inv9). This would greatly enrich the manuscript.</b></li> <li>• <b>Discuss the relation between karyotype resolution and findings in different studies.</b></li> <li>• <b>Add some other monogenic causes of infertility that can be implemented in the screening tests for infertile men / women.</b></li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English language issues are found throughout the manuscript that mandate revision, in spelling, grammar, and punctuation. <b>Revision is mandatory.</b></p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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