



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Journal of Advances in Medical and Pharmaceutical Sciences</a>                |
| Manuscript Number:       | 2014_JAMPS_13883                                                                          |
| Title of the Manuscript: | Age-specific Serum Antimullerian Hormone Concentrations are Lower in Infertile Women AGE- |
| Type of the Article      | Original Research 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.

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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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Compulsory</b> REVISION comments | <p>Major concern:</p> <p>1. The study design is questionable. To recruit women with history of infertility defined as unable to conceive after one year of unprotected intercourse. as infertility group. How about the male infertility factor couples? How about the women personal history (operation? other reproduction profile? Treatment history ?.....)? We can see the results paragraphs description: the study group is mixture with multiple factor. We cannot agree just 400 women sampling enough to be on behalf of the infertility population. On the other hand, we dont think has remarkable difference between fertile women with male factor husband group and oocyte donor group .</p> <p>2. Statistical Analysis mention that Age-specific serum AMH concentrations among infertile women were compared with oocyte donors Welch's unpaired t tests. A P value of &lt;0.05 was considered significant. However, we cannot read any about this statistical statement in the figure or results.</p> | <p>1. Patients included in the study were women undergoing IVF treatment for infertility who were between the ages of 22 and 32 years. Even though there were multiple diagnoses of the infertility, AMH levels were less for infertile women compared with fertile controls suggesting that multiple contributions to the infertility rather than just the one noted in the diagnosis could contribute to the cause. The Methods section has been updated to clarify this point. In addition a statement to this effect has been added to the Results and Discussion section. The reviewer is exactly correct, we could not show a difference when we looked at male factor alone.</p> <p>2. <math>P &lt; 0.05</math> has been added to the Results and Discussion section as per the suggestion of the reviewer.</p> <p>3. We agree no appreciable differences can be shown in Figure 1 because the ages were limited to 22-32 years.. The text has been changed to clarify this point.</p> |



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|                                         | 3.Line 72 Since serum AMH concentrations fall with increasing age (Figure 1) (5,12,13), However, we cannot see the phenomenon in the figure presentation. |  |
| <b><u>Minor</u></b> REVISION comments   |                                                                                                                                                           |  |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                           |  |