Author's response to reviews

Title: Effect of Fagonia Arabica (Dhamasa) on in vitro thrombolysis

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Author's response to reviews:

To,
The Editor,
Journal of complementary and alternative medicine

Sir/Madam,

Please find enclosed copy of the revised manuscript entitled Effect of Fagonia Arabica (Dhamasa) on in vitro thrombolysis (MS: 1588256974135811) along with the reply to the reviewer's comments for publication in your esteemed journal. After changes made by the reviewer's comments the paper has turned out to be more informative and representable with added strength to the present study. One could understand the present study easily. In this regard we are highly thankful to the reviewers.

With best regards,

Dr. H.F. Daginawala
Reviewer 2
Thomas Stief

Major compulsory revision

Comment: The work still needs many changes: in discussion section the possible toxicity of plant extracts must be mentioned in details

Reply: Informations regarding the toxicity of plant extracts with beneficial and harmful effects in general are included in the discussion section and the references were quoted. Dhamasa as well as other five herbs are commercialized herbal extract and in India it is used in several medications.

Comment: The work must be discussed in view of possible bacterial or fungal contaminants of plants, e.g. Staphylococcal activators of plasminogen must be
discussed and ruled out.

Reply: We agree with this comment. Bacterial contaminants or their products could be one of the major causes of clot lysis and there are several published reports of the possibility. By highlighting this point in the discussion our study has got new dimension.

Comment: The possible nature of biochemical plasminogen activation by plant extracts should be discussed in details.

Reply: In discussion we have included the mechanism behind the plasminogen activation by plant extracts as reported earlier by other workers. However, there could be other mechanisms via which we are getting clot lytic activity in Dhamasa. Other such possibility has also been highlighted. This comment by the reviewer has motivated us to lead our study in betterment of the future studies and work has already been started in context with the said possibilities.

Note:

New references were quoted as per the changes made in the discussion section and arranged according to the journal's format.