

## Obstetrics & Gynecology

### Control of Postpartum Hemorrhage Using Vacuum-Induced Tamponade

--Manuscript Draft--

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<b>Full Title:</b>	Control of Postpartum Hemorrhage Using Vacuum-Induced Tamponade
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<b>First Author:</b>	Sabaratnam Arulkumaran, MD, PhD
<b>Order of Authors:</b>	Sabaratnam Arulkumaran, MD, PhD Jan Segnitz, MD
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Dear Sir/ Madam / Ms,

We agree with the author's critical observations.

(1) Since this was the first time we were trying the vacuum method we decided to use it as soon as the blood loss was considered excessive. The measured blood loss indicates that these were all cases of PPH although not massive. The study was mainly a proof of concept study. We accept the possibility that the cessation of bleeding may have been due to medications. However, in all cases the application of vacuum to cessation of blood loss was within two minutes suggesting that the vacuum collapse of the uterus must have played a role. (2) The next step as suggested by the author is being planned. The study would enroll subjects where the blood loss is ongoing despite medical treatment and bimanual compression and when a balloon tamponade is considered. The study planned will be a prospective, non-randomized, literature-controlled, comparative study and the threshold would be based on volume of blood loss, rate of blood loss and condition of the women. If our device does not work, then this would be known in only a few minutes and could trigger the option to use the study site's protocol for their usual alternative intervention before coagulopathy sets in.

Sabaratnam Arulkumaran & Jan Segnitz

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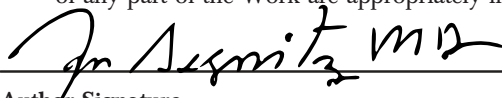


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