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Correspondence

Responses to the concern raised by Dr. Shigeki Matsubara[☆]



Dear Editor,

Dr. Shigeki Matsubara had raised several questions about our published work [1]. It must be noted that the study period nearly two years ago. This paper was to introduce our primary experience of using aortic balloon catheters for preventing postpartum hemorrhage (PPH) caused by placenta previa and abnormally invasive placenta (AIP). Broekman et al. [2] also performed temporary balloon occlusion of the internal iliac arteries to prevent PPH during cesarean delivery among 42 patients with placenta previa. The using of aortic balloon occlusion during cesarean section was no more than 5 years' history in China, and there was no accurate and uniform "indication" and "standard procedure" for this technique applying in pregnant women until now.

According to our recently study about the "indication," "safety" and "efficacy" of using this technique for preventing PPH, we assuredly agree with the opinion that intraoperative aortic balloon occlusion was not necessary for patient only complicated by placenta previa (unpublished). Even though in some case of AIP, using this technique still make no differ to maternal outcomes (unpublished). During the recent two years practice of aortic balloon occlusion in patients with AIP, several cases of catheterization-complication were observed. We really suggest this technique is not recommended for routine use or use in all AIP patients, and if used, patients should be cautiously chosen by an accurate prenatal diagnosis in our new unpublished work.

At last, we appreciated Dr. Shigeki Matsubara raised these questions, which will make this technique used more better in obstetric clinical practice.

Conflicts of interest

The author has no conflict of interest relevant to this article.

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None.

Patient anonymity and informed consent

Not applicable.

References

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- [2] Broekman EA, Versteeg H, Vos LD, Dijksterhuis MG, Papatonis DN. Temporary balloon occlusion of the internal iliac arteries to prevent massive hemorrhage during cesarean delivery among patients with placenta previa. *Int J Gynaecol Obstet* 2015;128(2):118–21.

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[☆] Approval of Institutional Review Board: Not needed.

Abbreviations: PPH, postpartum hemorrhage; AIP, abnormally invasive placenta.

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