



EARLY DETECTION AND GOOD TEAM COLLABORATION FOR PREVENTING MATERNAL DEATH CAUSED BY PLACENTA ACCRETA SPECTRUM DISORDER

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ABSTRACT

Placenta accreta occurs when implantation is abnormal and the placenta grows too deeply into the myometrium, tunica serosa, and organs surrounding the uterus. The abnormally invasive placenta was significantly associated with maternal morbidity and mortality. Placenta accreta also increased neonatal morbidity significantly. A high risk of massive hemorrhage in placenta accreta results in excessive consumption of coagulopathy, including multiorgan dysfunction such as cardiac arrest, respiratory failure, brain hypoxia, acute renal failure, and also systemic blood clotting disorders that cause maternal death. The threat of organ injury for example bladder, ureter, bowel, and even vascular increases maternal morbidity. From the year 2016 to 2020, we managed 121 cases of placenta accreta. Management options of hysterectomy and conservative surgery with parity considerations, amount of hemorrhage, surgery risk complications such as organ injury to ICU readiness. The priority being the safety and survival of the mother and baby including reproductive organs creates a team with optimum quality. Collaboration between specialists from various divisions of the medical field such as fetomaternal, obstetric anesthesiology, urology, cardiovascular surgery, intensivist, neonatologist, and skilled nurses is needed in the team for it to be successful. Coordination with the hospital management when

it comes to emergency maternal reference, surgical tools, ICU, and NICU is also needed along with coordinating with midwives organizations and OB/GYN for early detection and early reference for a better outcome.

BIOGRAPHY

Dr. Eric Edwin Yuliantara has completed his Obstetrics and Gynecology Specialist in 2007 from Sebelas Maret University, Indonesia and his Fetomaternal Medicine Fellowship Program from Airlangga University, Indonesia in 2015. He is the head of the Department of Obstetrics and Gynecology at Moewardi's General Hospital and also the head lecturer of the Obstetrics and Gynecology Specialist Program at Sebelas Maret University. He has been serving as a speaker at several national Obstetricians and Gynecologist conferences. He also has many publications about fetomaternal, obstetrics emergency, and placenta accreta in some reputed journals.



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Mode of Presentation: Oral

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