รวบรวมและเผยแพร่โดยงานวิเทศสัมพันธ์ สำนักยุทธศาสตร์
ประจำเดือนกันยายน ๒๕๕๕
ลำดับที่ ๔

Takayasu Disease in Twin Pregnancy: Case report

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Background: Takayasu arteritis is a rare chronic inflammatory vascular disease involving aorta and its major branches. During pregnancy, the disease can be life threatening. The objective of this report was to describe a successful management of twin pregnancy complicated with Takayasu disease, rarely described eslewhere.

Case: A 33 year-old pregnant woman, G3P1011, had been diagnosed for Takayasu disease at 15 years old, based on a typical history, CT and US findings of bilateral renal artery stenosis with aneurysm. The patient underwent abdominal aortic aneurysmectomy with graft and revascularization of renal artery with saphenous vein graft before pregnancy. Her first child had cesarean delivery at 31 weeks due to non-reassuring fetal status. This pregnancy was monochorion-diamnion twin and was confirmed by ultrasound at 13 weeks. After proper counseling on the risk and prognosis, the couple decided to continue pregnancy. She was closely followed up and taken care by multidisciplinary approach at our high risk antenatal clinic. Her blood pressure was maintained at 150/90-160/100 mmHg with antihypertensive drugs. A single fetal demise was detected at 20 weeks and the live fetus was diagnosed for intrauterine growth restriction at 25 weeks. Cesarean delivery was performed at 30 weeks due to severe IUGR, abnormal umbilical artery Doppler, and maternal superimposed pre-eclampsia, giving birth to a female baby weighting 960 gm, and good APGAR scores.

Conclusion: The case presented here implies that successful outcome of twin pregnancy complicated with Takayasu disease is possible with multidisciplinary approach and extreme cautions.

เสนอโดยนางสาวจิตติมา รุจิเวชพงศธร นายแพทย์ปฏิบัติการ โรงพยาบาลราชวิถี
ในการประชุม 17th World Congress on Controversies in Obstetrics, Gynecology & Infertility
ซึ่งจัดขึ้นระหว่างวันที่ ๘ – ๑๑ พฤศจิกายน ๒๕๕๕ ณ สาธารณรัฐโปรตุเกส