

Pregnancy with Aortic Aneurysm; A Retrospective Cross-sectional Study at King Salman Bin Abdulaziz Medical City

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ABSTRACT

Aortic aneurysms in pregnancy are catastrophic rare condition with high maternal and foetal fatality, with increased risk for aortic dissection especially during third trimester and peripartum period. Management requires multidisciplinary team to control the risk. Proper decisions when dealing with such cases include screening for dissection, proper timing for surgical management, proper time and mode for delivery, postpartum care, and future contraception. This is a retrospective cross-sectional study reviewed files of pregnant women diagnosed with aortic aneurysm. KSAMC from 2000 to 2023. The study was conducted from 2000 and 2023 to estimate the prevalence of aortic aneurysm in pregnant woman during the past 23 years. Only one patient with multiple aortic aneurysms was recorded who was primigravida with chronic hypertensive, multiple aortic aneurysms and acute DVT. Patient had LSCS and discharged with her baby in good condition. Prompt identification, counselling, and risk reduction strategies may help optimizing the outcomes for such cases.

Keywords: Aortic aneurysm, Dissection, Pregnancy, Imaging, Hypertension, IUGR.

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