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Educational Abstract

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Rare But Deadly:Case Report Of Uterine Arteriovenous Malformation

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Learning Objective: We choose to report this case to understand this condition better and explore the possible management options, as this is a rare condition which may lead to fatal death if misdiagnosed.

Background:Uterine arteriovenous malformations(AVMs) have less than 100 cases reported.The true incidence remain unknown with 30% complicated with hypovolaemic shock. It can be congenital or acquired. Both differentiated only by their causes.Management of uterine AVMs depends on many factors including the patient's hemodynamic status, age, and desire for future fertility. UAE is the preferable choice for patient with desire for fertility. However considering 17 % of recurrence, hysterectomy would be the treatment of choice especially in post-menopausal women. Post-embolization pregnancy and other alternative treatment remain debatable.

Case Findings and Procedure Detail: This case reported a 23 years old Malay lady Para 1+2 with history of several miscarriages and curettage, complaint of per vaginal bleed more than 2 months after her suction and curettage on September 2018. Proceeded with CECT Pelvis and Pelvis angiogram after bedside ultrasound noted suspicious of AVM features. Successful uterine artery embolization(UAE) with 5 Micronester coils and 10% Histoacryl glue.

Conclusion:Uterine AVMs remain rare as it is only diagnosed in symptomatic patients during pregnancy or miscarriage.An accurate diagnosis and prompt management are of utmost importance as misdiagnosis may lead to a catastrophic outcome.