Distal Vaginal Atresia

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Congenital anomalies of the genital tract are rare and present with a broad spectrum of clinical features, making their diagnosis a challenging process. Comprehensive management is imperative to preserve fertility and functionality. Therefore, correct identification is of importance for early intervention as well as keeping a high index of suspicion. Imaging can help in early diagnosis and plan the appropriate management.

A twelve-year-old female presented with multiple episodes of urinary retention associated with lower abdominal pain due to distal vaginal atresia. MRI revealed that the proximal part of the vagina was enlarged with endo-cavitary fluid collection.

The patient underwent vaginoplasty under general anesthesia. The distal portion of the vagina was reconstructed, and vaginal patency was restored successfully. The operation was followed up by manual vaginal dilation using graded dilators.

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