

**Rare Urogenital Malformation Associated with Complex Vascular Malformation – Case Report**

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**Abstract**

*Background:* Class 3 urogenital malformations are a rarely encountered in the clinical setting. The association with complex vascular malformations represent a challenge in diagnosis and intraoperative management with an enhanced degree of the complexity.

*Case presentation:* Young female presented to the emergency department with pain in the left lower quadrant and unspecific abdominal symptoms that appear regularly one week prior and during her menstruation. Diagnostic studies and intraoperative findings lead to the diagnosis of a rare urogenital malformation associated with complex vascular malformations. In conclusion the most helpful diagnostic study was the abdominal MRI. Regarding the functional status of the post-operative urogenital tract no clear assessment can be made yet.

**Key words:** urogenital malformation, vascular malformation, didelphys uterus

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