

A Case of Cervical Endometriosis with the Sudden Onset of Massive Genital Bleeding, Mimicking Cervical Malignancy

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Abstract: We herein report a case of cervical endometriosis with the sudden onset of massive genital bleeding in which the clinical signs resembled those of cervical malignancy, making the condition difficult to diagnose. A 46-year-old woman (gravida 3, para 3) was transferred to our department due to genital bleeding. On a speculum examination, a black ulcerative lesion measuring 2 cm in diameter with venous bleeding was observed on the uterine cervix at the 8 o'clock position. Transvaginal color-Doppler ultrasound showed flow signals on the posterior uterine cervix and Douglas pouch. The uncontrollable bleeding persisted, and pelvic arterial embolization was performed. A cervical biopsy demonstrated degenerated epithelial cells with inflamed granulation tissue and hemosiderin deposition. The bleeding continued after the biopsy. Since we were unable to rule out a diagnosis of cervical malignancy, semi-radical hysterectomy was performed. A pathological examination confirmed endometriosis with an endometriotic glandular epithelium and stroma without malignancy. The patient was successfully discharged on the 11th postoperative day.

Key words : Uterine cervix, Endometriosis