Inversion of the uterus is a rare clinical problem. It is encountered as an obstetric emergency and a diagnostic challenge in gynecology. Non-puerperal inversion usually results from a tumor implanted on fundus of the uterus. Treatment depends on the associated pathology and the stage.

A rare case of non-puerperal uterine inversion caused by a large fundal leiomyoma was reported in Bahounar Hospital, Kerman, in a 38 years old woman resulting in severe lower abdominal pain and profuse vaginal bleeding. After incomplete myomectomy, reduce the inversion vaginally was successful and abdominal hysterectomy was performed.

Keywords: Uterine inversion, Non-puerperal and Case report.

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