Hysteroscopic myomectomy is the surgical procedure of choice for the treatment of submucous or intramural myomas that protrude into the uterine cavity in patients with abnormal bleeding and/or infertility. It is a minimally invasive procedure associated with a low complication rate. Complications of hysteroscopy include uterine perforation, intraoperative and postoperative uterine bleeding, water intoxication, gas embolism, injury of the bladder, ureters and major blood vessels, in addition to late complications, e.g. infections and synechiae. This case report describes iliac artery injury during hysteroscopic myomectomy. A review of the literature concluded that this complication has still not been recorded.