

Successful treatment of symptomatic arteriovenous malformation of the uterus using laparoscopic bipolar coagulation of uterine vessels

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摘要

Abstract

Objective: To report a case of symptomatic arteriovenous malformation (AVM) of the uterus that was successfully treated with laparoscopic bipolar coagulation of uterine vessels.

Design: Case report.

Setting: University-affiliated tertiary referral center.

Patient(s): A 66-year-old woman with symptomatic AVM of the uterus.

Intervention(s): Laparoscopic bipolar coagulation of uterine vessels.

Main Outcome Measure(s): Clinical symptoms, color Doppler sonographic examination, and pelvic magnetic resonance imaging.

Result(s): Remarkable shrinkage of the lesion size, obvious decrease in all of the impedance measurements (pulsatility, resistance, velocity indexes [systolic/diastolic]), and freedom from symptoms.

Conclusion(s): This modality is a new alternative method for the management of patients with symptomatic AVM of the uterus who do not respond to conservative treatment.