

Adenomyosis with benign [gynecological tumors](#) may be associated with elevated D-dimer and tumor marker levels; excessive menstruation; and anemia. It may cause systemic thromboembolism, including cerebral infarction. To our knowledge, no other study has reported that adenomyosis causes major cerebral artery occlusion requiring endovascular thrombectomy. Hysterectomy may be an effective radical treatment of this condition ¹⁾.

The [MRgFUS](#) procedure is clinically established in particular for the treatment of symptomatic uterine fibroids, followed by palliative ablation of painful bone metastases. Furthermore, promising results have been shown for the treatment of [adenomyosis](#), malignant tumors of the prostate, breast and liver and for various intracranial applications, such as thermal ablation of brain tumors, functional neurosurgery and transient disruption of the blood-brain barrier ²⁾.

¹⁾

Aiura R, Nakayama S, Yamaga H, Kato Y, Fujishima H. Systemic thromboembolism including multiple cerebral infarctions with middle cerebral artery occlusion caused by the progression of adenomyosis with benign gynecological tumor: a case report. BMC Neurol. 2021 Jan 11;21(1):14. doi: 10.1186/s12883-021-02045-7. PMID: 33430804; PMCID: PMC7798234.

²⁾

Trumm CG, Napoli A, Peller M, Clevert DA, Stahl R, Reiser M, Matzko M. [MR-guided focused ultrasound. Current and future applications]. Radiologe. 2013 Mar;53(3):200-8. doi: 10.1007/s00117-012-2417-x. German. PubMed PMID: 23456041.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=adenomyosis>

Last update: **2024/06/07 02:53**

