FIBROID EMBOLIZATION

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Disclosure

Speaker name:

I have the following potential conflicts of interest to report:

☐ Consulting
☐ Employment in industry
☐ Stockholder of a healthcare company
☐ Owner of a healthcare company
☐ Other(s)

☒ I do not have any potential conflict of interest
Randomised comparison of uterine artery embolisation (UAE) with surgical treatment in patients with symptomatic uterine fibroids (REST trial): 5-year results

JG Moss, KG Cooper, A Khaund, LS Murray, GD Murray, O Wu, LE Craig, MA Lumsden
T2 SI of FIBROID
40 yrs with multiple fibroids, Bleeding and pressure symptoms
49 yrs with single Giant Fibroid 12x20x20 cm

PRE

Giant fibroid >10cm (>700 cc)

POST
49 yrs with single Giant Fibroid 12x20x20 cm
42 yrs old with Giant 8x11x13 cm
42 yrs old with Giant 8x11x13 cm
Giant Fibroids


Safety and Effectiveness of UFE in Fibroids Larger than 10 cm.

August 2012, Volume 199, Number 2
Vascular and Interventional Radiology
Original Research
Uterine Artery Embolization of Large Fibroids: Comparative Study of Procedure With and Without Pretreatment Gonadotropin-Releasing Hormone Agonists
Man Deuk Kim, Myungsu Lee, Mu Sook Lee, Sung Il Park... Show all

Published online 2010 Jan 12. doi: 10.1007/s00270-009-9793-2
PMCID: PMC2933812
PMID: 20066419

Uterine Artery Embolization in Patients with a Large Fibroid Burden: Long-Term Clinical and MR Follow-up
Albert J. Smeets, Robbert J. Nijenhuis, Willem Jan van Rooij, Emilie A. M. Weimar, Peter F. Boekkooi, Leo E. H. Lammann, Harry A. M. Vervest, and Paul N. M. Lohle

November 2003, Volume 181, Number 5
Interventional Radiology
Is a Large Fibroid a High-Risk Factor for Uterine Artery Embolization?
Tetsuya Katsumori, Kazuhiro Nakajima and Tadashi Mihara

41 patients
40 patients
71 patients
47 patients
33 yrs old, 4.5X7.5 cm pedunculated fibroid
33 yrs old, 4.5X7.5 cm pedunculated fibroid
37 yrs old with endocavitory 4.4x4.2 cm
F/U 1.3x0.9 cm
37 yrs old with intracavitory 4.4x4.2 cm
F/U 1.3x0.9 cm
33 yrs old submucosal fibroid 7x5.5 F/U 3X3 cm
33 yrs old submucosal fibroid 7x5.5 F/U 3X3 cm

PRE

POST
Cervical Fibroid
Cervical Fibroids
Cervical Fibroids

Limited efficacy of uterine artery embolization for cervical leiomyomas.
Kim MD¹, Lee M, Jung DC, Park SI, Lee MS, Won JY, Lee DY, Lee KH.

Uterine Artery Embolization in Women with Symptomatic Cervical Leiomyomata: Efficacy and Safety
Annefleur M. de Bruijn,¹ Sven-Ole J. H. Adriaansens,³ Marieke Smink,⁴ Alexander Venmans,³ Wouter J. K. Hehenkamp,¹ Albert J. Smeets,¹ Anthony Lopez,² Judith A. F. Huirne,¹ and Paul N. M. Lohle³

10 patients, only 2 had necrosis
8 patients, 6 no recurrence
F/U 43.5/12
Round Ligament Fibroid
Round Ligament fibroid

CASE REPORT

A case of failed fibroid embolisation due to an unusual vascular supply

Kevin Jones, Woodruff J. Walker, Christopher Sutton

Synchronous Uterine Artery Embolization and Laparoscopic Myomectomy for Massive Uterine Leiomyomas

Thumuluru Kavilha Madhuri, MBBS, DRCOG, Waseem Kamran, MBBS, MRCOG, Woodruff Walker, MRCOG, FRCR, FFR (SA), and Simon Butler-Manuel, MD, FRCS, FRCOG

Uterine artery replacement by the round ligament artery: an anatomic variant discovered during uterine artery embolization for leiomyomata.

CONCLUSION: Pregnancy rate was found to be lower and miscarriage rate higher after UAE than after myomectomy. However, we found very low quality of evidence regarding the assessed outcomes and the reported proportions are uncertain. There is a need for improved prospective randomized studies to improve the evidence base. Systematic review registration number: CRD42016036661.
UAE and Fertility

The impact of uterine artery embolization on ovarian reserve: A systematic review and meta-analysis.

El Shamy T¹,², Amer SAK¹,³, Mohamed AA⁴, James C⁵, Jayaprakasan K¹,³.

CONCLUSIONS: Uterine artery embolization for uterine fibroids does not seem to affect ovarian reserve as measured by serum concentrations of AMH and FSH.

However, more recent studies using anti-Müllerian hormone (AMH) as a marker for ovarian reserve revealed no significant decline in ovarian reserve after UAE. Given the relatively
Ovarian artery communication
conclusion
conclusion
FIBROID EMBOLIZATION

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