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1 **Non-Surgical Management of Myomas**

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9 I have received research funding, paid to Mayo Clinic, from InSightec Ltd (Israel) for a focused
10 ultrasonography ablation clinical trial. I am on the data safety monitoring board for the Uterine
11 Leiomyoma Treatment with Radiofrequency Ablation trial (ULTRA trial, Halt Medical, Inc) and
12 on an advisory board for Allergan.

13

14 **Abstract**

15 Uterine myomas are a common condition and the leading cause of hysterectomy. Clinically,
16 myomas can be challenging because they range from being asymptomatic to causing severe,
17 debilitating symptoms and occur in many women before child-bearing is complete. Thus,
18 women often seek uterine- conserving and non-surgical management of their myomas. In this
19 review, the available uterine-conserving treatment options from medical management through
20 minimally invasive procedures will be discussed. To the extent of research available, the
21 sustainability of symptom improvement and the effects on future fertility will be reviewed. Future
22 research may lead to therapies that reduce the risks of major surgery, decrease side effects,
23 and offer primary or secondary prevention options.

24 **Keywords:** leiomyoma; fibroid; focused ultrasound ablation; uterine artery embolization

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