



# Outpatient Hysteroscopic Morcellation of a Type 2 Submucous Fibroid Using the Bigatti Shaver

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Declaration of interests – none

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# Case History

- 44 ♀ P4
- 6 month history of menorrhagia & dysmenorrhoea
- Transvaginal USS:
  - 2cm submucous fibroid, endometrial thickness 2.5mm, myometrium 9mm

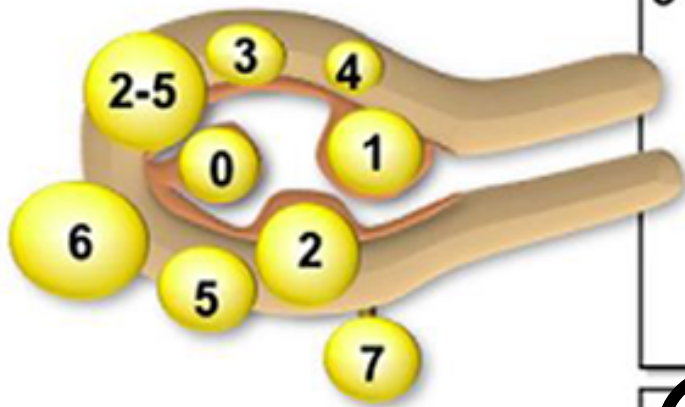
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# FIGO

## Leiomyoma subclassification system



SM - Submucosal	0	Pedunculated intracavitary	
	1	<50% intramural	
	2	≥50% intramural	
O - Other	3	Contacts endometrium; 100% intramural	
	4	Intramural	
	5	Subserosal ≥50% intramural	
	6	Subserosal <50% intramural	
	7	Subserosal pedunculated	
	8	Other (specify e.g. cervical, parasitic)	
	Hybrid leiomyomas (impact both endometrium and serosa)	Two numbers are listed separated by a hyphen. By convention, the first refers to the relationship with the endometrium while the second refers to the relationship to the serosa. One example is below	
		2-5	Submucosal and subserosal, each with less than half the diameter in the endometrial and peritoneal cavities, respectively.

(Munro et al. FIGO classification system (PALM-COEIN) for causes of abnormal uterine bleeding in nongravid women of reproductive age. *International Journal of Gynaecology and Obstetrics* 113 (2011) 3–13)

# STEPW Classification

	Size (cm)	Topography	Extension of the base	Penetration	Internal wall	Total
0	<2	low	<1/3	0	+1	
1	≥2 - 5	middle	≥1/3 - 2/3	≤50%		
2	>5	upper	>2/3	>50%		
Score	1	1	1	2	0	5

Score	Group	Complexity of therapeutic options
0 - 4	I	Low complexity hysteroscopic myomectomy
5 - 6	II	High complexity hysteroscopic myomectomy. Consider GnRH use. Consider 2 step hysteroscopic myomectomy
7 - 9	III	Consider alternatives to hysteroscopic technique

(Lasmar RB, Barrozo PR, Dias R, Oliveira MA. Submucous fibroids: a new presurgical classification to evaluate the viability of hysteroscopic surgical treatment—preliminary report, *J Minim Invasive Gynecol*, 2005, vol. 12 (pg. 308-311)

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# Advantages

- Minimal cervical dilatation
- Saline irrigation
- Reduced risk fluid overload
- No use of high frequency current
- Clear views
- Outpatient procedure
- Reusable equipment

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Thank you



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