

## Appendix 1. Standardized Categorization System for Reporting Adnexal Masses on Ultrasonography in 2018

Category		Standardized description	Criteria details
0		Normal findings or cysts consistent with physiologic cysts (follicular or corpus luteum)	Normal findings or cysts consistent with physiologic cysts (follicular or corpus luteum)
		Simple cyst <5 cm	Simple ovarian or paraovarian cyst <5 cm. Cyst may have a small amount of internal debris but is otherwise anechoic with no internal flow. A small mural calcification may be present in otherwise smooth thin walls but no other solid components.
		Hemorrhagic cyst	Classic sonographic features of hemorrhagic cyst in women <50 or otherwise known to be premenopausal. Reticular pattern of internal echoes. May have a solid-appearing area with concave margins but no internal flow (use Doppler to confirm no vascular solid component).
1		Simple cyst ≥5 cm	Simple ovarian or paraovarian cyst ≥ 5 cm.
		Probable hemorrhagic cyst	Features suggestive of but not confidently diagnostic of hemorrhagic cyst or in woman ≥50 not known to be premenopausal
		Probable endometrioma	Features suggestive of endometrioma
		Probable dermoid	Features suggestive of dermoid
		Probable hydrosalpinx	Features suggestive of hydrosalpinx
		Cyst with thin septation(s)	Cyst with septations <3mm, with or without Doppler flow.
2	a	Cyst with thick septations	Cyst with septations ≥3 mm, but < 1 cm, with or without Doppler flow (If septation ≥1 cm, categorize as 2d or 3)
	b	Cystic mass with small Avascular solid component	Solid component measuring <1 cm without Doppler flow
	c	Cystic mass with small vascular solid component	Solid component measuring <1 cm with Doppler flow
	d	Cystic mass with single large Avascular solid component	Single solid component or thick septation measuring ≥1 cm, without Doppler flow
	e	Completely homogeneous solid mass	Completely solid homogeneous ovarian mass, NO cystic areas, without Doppler flow. If flow, categorize as 3.
3		Mass with large vascular solid component OR multiple large avascular solid components	Solid component measuring ≥1 cm with Doppler flow, OR more than one distinct avascular solid components, each ≥ 1cm
X *		Mass ≥10 cm	Mass with greatest dimension ≥10 cm
A *		Ascites	Free fluid is demonstrated in pelvis AND in Morrison's pouch

\* Assigned in conjunction with other category (0, 1, 2, or 3).

Suh-Burgmann E, Flanagan T, Osinski T, Alavi M. Prospective validation of a standardized ultrasonography-based ovarian cancer risk assessment system. *Obstet Gynecol* 2018; 132.

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