

CASE 10

50 Y/O F

Brief history

- **Past history**
- myoma; irregular MC for 1 year
- **Chief complain**
- right ovarian cyst found on health checkup last month 5.5 cm
TVS: pelvic cyst
- CT: r/o endometrioma

Image

- Pelvic CT 23/10/16

(2023/11/15) Fluid Cytology Other, vaginal cyst

Benign non-specific cellular change

Many squamous cells, macrophages and few giant cells are present.

Clinical Note:

vaginal cyst s/p aspiration

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Female lower genital cyst

- Relation to level of perineal membrane and symphysis pubis
 - Above
 - **Gartner duct cyst** : from upper vagina along the anterolateral wall.
 - Endometrioma of rectovaginal septum
 - Urethral diverticulum
 - Nabothian cyst
 - Endocervicosis
 - **Müllerian duct cysts**: typically anterolateral vaginal wall, May be located at posterior vaginal wall
 - Posthysterectomy inclusion cysts
 - Below
 - Skene gland cyst
 - **Bartholin gland cyst** : from lower vagina along posterolateral wall
 - **Epidermal inclusion cyst**: Most common, Located at sites of prior trauma /surgery around vaginal introitus
 - Commonly at posterior or lateral vaginal walls
 - Cystocele
 - Subpubic cartilaginous cyst

- **Endometrioma of Rectovaginal Septum**
 - Centered in **rectovaginal region between rectum posteriorly and posterior vaginal wall anteriorly**
 - Cyst with homogeneous low-level internal echoes on US
 - Homogeneous well-defined structure on CT with **attenuation higher than simple fluid**
 - ~ 40 HU
 - Hemorrhagic cyst with characteristic T1 hyperintensity and T2 shading on MR