



REMARKS

1 US

- 1.1 A pelvic US is the single most effective way of evaluating an ovarian mass with transvaginal US preferred due to its increased sensitivity over transabdominal US.
- 1.2 A combination of the transvaginal and transabdominal routes may be appropriate for the assessment of larger masses and extra-ovarian disease.
- 1.3 There is not yet a clearly established role for colour-flow Doppler in assessing ovarian cysts.
- 1.4 Ovarian cysts that persist or increase in size after several cycles are unlikely to be functional.
- 1.5 In large pelvic mass or suspected pelvic malignancy, renal areas should be examined to exclude hydronephrosis.
- 1.6 The routine use of CT and MRI for assessment of ovarian masses does not improve the sensitivity or specificity obtained by transvaginal US in the detection of ovarian malignancy.

2 CT

- 2.1 CT is useful to delineate high pelvic or iliac fossa lesion, the tumour extent, and to assess metastasis.

3 MRI

- 3.1 With its high soft tissue contrast sensitivity, MRI is useful for further characterization of indeterminate ovarian or uterine mass and for local staging of uterine/cervical malignancy.
- 3.2 For workup of CA ovary, MRI is recommended for patients with a contraindication to the use of iodinated contrast agents (e.g. allergy, mild-to-moderate renal insufficiency), patients who are pregnant, patients of childbearing age with borderline tumours (to minimize ionizing radiation exposure).

REFERENCES

1. Royal Australian College of Radiologists. Imaging guidelines. 3rd ed. Melbourne: Royal Australian College of Radiologists; 1997. p.152-153.
2. Royal College of Obstetricians and Gynaecologists. Management of Suspected Ovarian Masses in Premenopausal Women. Green-top Guideline No.62. London: Royal College of Obstetricians and Gynaecologists; 2011.
3. Royal College of Obstetricians and Gynaecologists. Ovarian Cysts in Postmenopausal Women. Green-top Guideline No. 34. London: Royal College of Obstetricians and Gynaecologists; 2010.
4. Mitchell DG, Javitt MC, Glanc P, et al. ACR Appropriateness Criteria® Staging and Follow-up of Ovarian Cancer. Available at <https://acsearch.acr.org/docs/69378/Narrative/>. American College of Radiology. Accessed 2017 April 4.
5. Lalwani N, Dubinsky T, Javitt MC, et al. ACR Appropriateness Criteria® Pretreatment Evaluation and Follow-Up of Endometrial Cancer. Available at <https://acsearch.acr.org/docs/69459/Narrative/>. American College of Radiology. Accessed 2017 April 4.