Ultrasound Evaluation and Management of Adnexal Masses

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Educational Objectives

1. List useful steps of ultrasound characterization of adnexal masses to aid in diagnosis of benign vs. malignant disease
2. Be able to identify key characteristics in benign adnexal masses
3. Improve visual recognition of common adnexal masses
4. List ACOG’s Steps for referral in malignant disease for benign gynecologist
5. Complete example of formal risk assessment test

Outline

1. Steps in Ultrasound Characterization
   a. Simple or Complex?
   b. Is there Doppler flow?
   c. Physiologic example of corpus luteal cyst
2. Benign Masses
   a. Teratomas and Dermoids
   b. Endometriomas
   c. Pedunculated Fibroids
   d. Hydrosalphinx
   e. TOA
3. Step 3: Repeat Imaging
4. Step 4: When to refer?
   a. Characteristics of malignant masses
   b. Formal risk assessment
      i. ROMA
      ii. Multivariate Index Assay
      iii. IOTA
   c. Example with IOTA
Select References

- AIUM.org
- He4test.com (ROMA)
- Hutchon.net (Risk of Malignancy Index)
- IOTAGROUP.org (IOTA risk assessment)