EP 34.03 External validation of the ADNEX model to differentiate between benign and malignant adnexal masses

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Introduction
Predicting the risk of malignancy of the adnexal masses by ultrasound is important to give patients the most appropriate management.

Objective
To perform an external validation of ADNEX model proposed from IOTA group, to differentiate between benign and malignant adnexal masses in our center.

Methods
Ambispective study of diagnostic accuracy in patients with adnexal pathology visualized through transvaginal ultrasound performed by gynecologists experts, before entering surgery. The gold standard was the surgical pathology.

Results
1688 eligible patients between 2012 and 2018
- 587 women
- 608 masses
- 65 malignant - 11%
- 543 benign - 89%
- 563 included
- 24 excluded
- 415 premenopausal
- 148 postmenopausal

Conclusion
In this external ambispective validation study ADNEX model showed good diagnostic performance.