EP. 15.17 Diagnostic utility of transvaginal ultrasound in diagnosing endometrial polyps.

M. Migda 1,3, M. Kierszk3, MS Migda1, B. Migda2, M. Malencyk3
1 Civis Vita Medical Center, Toruń, Poland 2 Diagnostic Imaging Second Medical Faculty, Medical University of Warsaw, Warsaw, Poland, 3 Obstetric Unit of Obstetrics, Women’s Disease and Gynecological Oncology, United District Hospital, Collegium Medicum University of Nicolaus Copernicus in Toruń, Poland

Objective
The aim of the study was to evaluate the utility of transvaginal ultrasound in diagnosing endometrial polyps as a precancerous condition.

Material and Method
This is a prospective, single center study. We examined patient with suspicion of endometrial polyp with TVS (transvaginal ultrasound) with E6 Voluson GE endovaginal probe before diagnostic curettage. All patient had histopathological verification and confirmation of polyps.

Results
We analyzed 160 patients with suspicion of endometrial polyp. We diagnosed 107 polyps in our study group. We also analyzed the diagnostic parameters for ultrasonography in diagnosing endometrial polyps: sensitivity, specificity, negative predictive value, positive predictive value and accuracy were as follows: 48.6, 80.2, 65.6, 66.7, 66, p-value was<0.001.

Conclusion
Transvaginal probes give very good images, which have good specificity in diagnosing endometrial polyps.