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КНИГА НА **АПСТРАКТИ**

**ПРИРАЧНИК ЗА СКРИНИНГ И ДИЈАГНОСТИКА
НА НАРУШУВАЊАТА НА МЕНТАЛНОТО ЗДРАВЈЕ
ВО ПРЕТКОНЦЕПЦИСКИ И ПЕРИНАТАЛЕН ПЕРИОД**



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CORRELATION BETWEEN THE ULTRASONOGRAPHY AND HISTOPATHOLOGICAL FINDINGS IN PATIENTS WITH ENDOMETRIAL POLYP

Ana Kocevsk¹, Kristina Skeparovska², Selim Komina³, Bekim Dika¹, Maja Mitevsk⁴

¹Specialized Hospital for Gynecology and Obstetrics "Mother Teresa" – Skopje, North Macedonia

²University Clinic for Gynecology and Obstetrics – Skopje, North Macedonia

³Institute for Pathology, Faculty of Medicine, Ss Cyril and Methodius University of Skopje, North Macedonia

⁴General Hospital – Kumanovo, North Macedonia - e-mail: akocevsk²⁰¹⁴@gmail.com

Introduction: Endometrial polyp is defined as the excess hyperplastic growth of the endometrial gland and stroma that protrudes from the surface of the endometrium. They can be asymptomatic. Most of the endometrial polyps are benign but malignancy can also occur in some patients. The aim of this study is to determine the correlation between the ultrasound finding of endometrial polyp and the histopathological finding as a definitive diagnosis.

Material and methods: The study is retrospective. We analyzed a total of 102 histopathological reports from patients who underwent fractionated exploratory curettage due to ultrasound-detected endometrial polyps. The histopathological findings showed that 9 patients had an endocervical or isthmocervical polyp (8.8%), and in 75 (73.5%) the initial diagnosis (endometrial polyp) was confirmed. 35 of these were hyperplastic polyps (46.7% of the total number of endometrial polyps), 2 polyps with atypical hyperplasia (2.7%) and 1 (1.3%) malignant polyp (adenocarcinoma). 6 (8% of the total number of endometrial polyps) were senile polyps. The remaining 18 patients (17.6%) had these findings: simplex endometrial hyperplasia without atypia (1 patient), complex endometrial hyperplasia without atypia (1), submucosal myoma (1), atrophic endometrium (2), adenomyoma (1), chronic cervicitis (2), prolonged and inadequate estrogen action (6), deficient secretory phase (1) and normal endometrium in 1 patient. A significant correlation was found between the ultrasonographic and histopathological findings for endometrial polyps ($p < 0.05$).

Conclusion: The ultrasound method is simple to use, effective in the preliminary diagnosis of endometrial polyps. The differential diagnosis includes submucosal leiomyoma, adenomyoma, retained products of conception, endometrial hyperplasia, endometrial carcinoma and uterine sarcomas.

Key words: endometrium, endometrial polyp, ultrasound, curettage, histopathological