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COST-EFFECTIVENESS AND THE ROLE OF DIAGNOSTIC TOOLS FOR SCREENING EARLY STAGES OF ENDOMETRIAL CANCER

Objectives According to the World Cancer Research Fund, over 380,000 new cases of endometrial cancer have been reported in 2018. After the identification of disease, histologic diagnosis is the main standard for managing further treatment approaches. The following analysis is aimed to examine cost-effectiveness of two preoperative endometrial sampling methods - hysteroscopy and curettage; comparing tumor localization, grading and staging in patients with endometrial cancer.

Methods The differences in the specifications of 64 patients that underwent hysteroscopy or curettage in tertiary care center in Croatia were tested. According to five different guidelines, all cases of endometrial cancer were classified into groups of low risk, intermediate, high-intermediate or high risk. Statistical test used for analysis were Kolmogorov-Smirnov test, T-test ant the Z-test. Given data of 36 women who underwent hysteroscopy and 28 women who underwent curettage were analysed.

Results Occurrence rates of Grade 1 and Grade 2 of endometrial cancer were higher in patients who underwent hysteroscopy (p=0.03572, p=0.03846) (picture 1). According to the classification of risk factors, no differences in incidence were found between two groups (picture 2).

Conclusions In Croatia, the cervical dilation and curettage is a less-frequently used method despite being 62% more affordable than the hysteroscopy, while on the other hand, there is statistically significant difference in preferred choice of the two methods given the histologic grade of cancer and age at the time of diagnosis.

Abstract 418 Figure 1

Conclusions This study ratifies the depth of myometrial infiltration greater than 50%, cervical stromal invasion and staging according to FIGO 2009 criteria are important prognostic factors in the recurrence of endometrial cancer. The recurrence of this tumor is related to a reduction in overall survival. These data are compatible with the existing literature and complement the scarce casuistica on endometrial cancer in Brazil.

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IN VITRO FERTILIZATION PREGNANCY AFTER ENDOMETRIAL CANCER – CASE REPORT

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Objectives The aim of this paper is to present a case of an IVF pregnancy of a 43-year old women being treated for recurrent endometrial cancer stage IA, grade I.

Methods Our patient was initially treated five years ago when hysteroscopic ablation of endometrial polyp was performed. Pathologic examination of biopsy specimen reported a...