

## IGCS19-0378

## 411 OVARIAN CONSERVATION IN PREMENOPAUSAL WOMEN WITH EARLY STAGE ENDOMETRIAL CANCER

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10.1136/ijgc-2019-IGCS.411

**Objectives** To compare the overall (OS) and disease free (DFS) in young women with early-stage endometrial cancer undergoing hysterectomy with and without ovarian conservation.

**Methods** We conducted a retrospective study of a prospective mono-centric database. We identified all premenopausal women under 50 years of age with stage I endometrioid adenocarcinoma of the endometrium who underwent hysterectomy from 2008 to 2018. Patients were stratified based on whether they underwent oophorectomy or had ovarian conservation.

**Results** The cohort of 20 women included 5 (25%) who had ovarian conservation and 15 (75%) who underwent oophorectomy. The rate of ovarian conservation was lower during the last decade. There were no statistical difference between the ovarian conservation group and the oophorectomy group in OS and DFS, in a Kaplan-Meier analysis, (respectively,  $P=0.073$  and  $P=0.200$ ).

**Conclusions** Ovarian conservation does not adversely affect survival for women with early-stage endometrial cancer.

## IGCS19-0397

## 412 CLINICO-PATHOLOGICAL FEATURES AND TREATMENT PARTICULARITIES OF INCIDENTALLY DIAGNOSED ENDOMETRIAL ADENOCARCINOMA IN INFERTILE WOMEN

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10.1136/ijgc-2019-IGCS.412

**Objectives** The aim of this study was to investigate the clinical and prognostic features of women under 45 with the incidental diagnosis of endometrial adenocarcinoma (EC) during infertility work-up, with special attention given to treatment approaches and survival rates.

**Methods** The medical records of 228 patients who were diagnosed with EC at our center between 2008 and 2018 were included in the study and analysed retrospectively. Out of these patients, 9.6% ( $n=22$ ) were  $\leq 45$  years. Eleven patients had a history of infertility and had been diagnosed with EC during a hysteroscopic evaluation for infertility. We compared these patients to the other eleven patients diagnosed with EC under 45 with no infertility history.

**Results** The mean age at diagnosis was comparable in both groups ( $39.8 \pm 6.7$  vs  $39.7 \pm 5.5$  years,  $p=0.98$ ). The mean duration of infertility was  $5.4 \pm 2.1$  years. The Body mass Index was high in both groups ( $33.0 \pm 5.4$  vs  $30.3 \pm 4.5$  years,  $p=0.48$ ). There were no significant difference in terms of early stage cancer ( $p=0.79$ ). Fertility sparing treatment was initiated in 9 patients but after 6 months only 3 had a complete pathological response. There was no difference in OS

and DFS between the 2 groups (respectively,  $p=0.97$  et  $p=0.48$ ).

**Conclusions** The investigation of the endometrium during infertility work-up may lead to the diagnosis of asymptomatic EC that does not seem to have any specific prognostic features even though it may allow a fertility sparing treatment.

## IGCS19-0475

## 413 THE EPIDEMICAL PROFILE OF PATIENTS WITH UTERINE SARCOMA TREATED AT INSTITUTO BRASILEIRO DE CONTROLE DO CÂNCER (IBCC – BRAZIL)

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10.1136/ijgc-2019-IGCS.413

**Objectives** To trace a profile of patients with the diagnosis of uterine sarcomas, followed in the IBCC – Brazil, between the years of 2000 and 2017.

**Methods** It was performed a retrospective analysis of the medical records and clinical charts of patients diagnosed with Uterine Sarcomas, wich were treated in our institution between February 2000 and December 2017 to compare our results with the world literature.

**Results** A total of 26 patients were included in the study. The definitive diagnosis (of uterine sarcomas) was made by anatomicopathological examination associated with immunohistochemical analysis. The histological subtypes were allocated as: leiomyosarcomas (53,84%), endometrial stromal sarcoma (30,76%), adenosarcoma (7,69%), fibromyosarcoma (3,84%) and undifferentiated sarcoma (3,84%). The onset mean age found is 59,46 years (range: 30–91 years). In many cases, the initial symptoms could be rather nonspecific, such as abnormal vaginal bleeding (53,84%, in wich 64,28% presented postmenopausal bleeding) and abdominal or pelvic pain (34,61%). In 11,53% of the cases, the onset symptoms were nonspecific. The totality (26 patients) of the patients were submitted to surgical treatment and 80,76% of them required adjuvant treatment. There was a global recurrence of 50% of the cases. **Conclusions** Uterine sarcomas are rare tumors with poor prognosis with high risk of recurrence or metastases. The data collected in this review are consistent with what is shown in the world medical literature.

## IGCS19-0457

## 414 THE PROGNOSTIC IMPACT OF CLINICAL AND UTERINE FACTORS IN STAGE I ENDOMETRIAL CANCER WITH NEGATIVE LYMPH-VASCULAR SPACE INVASION

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10.1136/ijgc-2019-IGCS.414

**Objectives** To evaluate the impact of depth of invasion (DOI) and histology on survival of patients with stage I endometrial cancer (EC) with negative lymph-vascular space invasion (LVS).