was 80% in OVCON, 91% in IM-HRT and 66% in IM-NOHRT but this was not statistically significant (p = 0.077).

Conclusions HRT or ovarian conservation does not appear to be detrimental to survival in cervical adenocarcinomas. In this small dataset, there is a trend towards improved survival with HRT. Larger studies are required to substantiate these findings.

**IGCS20_1110**

**THE FERTILITY AFTER CHORIOCARCINOMA IN YOUNG WOMEN**

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**Objectives** The choriocarcinoma is the most frequent and chemo-sensitive of the malignant gestational trophoblastic tumors. The main management challenge in young patients is to balance a fertility-sparing therapy with good survival rates and quality of life. The aim of this work is to evaluate the fertility of young women with choriocarcinoma after a fertility-sparing strategy.

**Methods** We conducted a retrospective study of a prospective mono-centric database over a 20 year period (2000–2019) in the Tunisian Cancer Cancer Registry, the department of gynecology and Obstetrics, and the reproductive medicine unit in Farhat Hached Teaching Hospital in Sousse Tunisia. We collected all the pathology established cases of choriocarcinoma diagnosed in women under 40.

**Results** The cohort of 30 women included 18 (60%) who had a fertility-sparing therapeutic strategy and 12 (40%) who underwent hysterectomy (all cases before 2010). There was no statistical difference between the fertility-sparing management group and the hysterectomy group in OS and DFS (respectively, P = 0.09 and P = 0.14). Among the fertility-sparing management group, 16 patients reported a pregnancy desire in the year following the diagnosis and stopped contraception in order to conceive. Twelve pregnancies in 5 patients were recorded with 4 live births.

**Conclusions** The use of less-toxic chemotherapy protocols is a good option when dealing with fertility sparing strategy in managing choriocarcinoma in young women especially that the good option when dealing with fertility sparing strategy in order to conceive. Twelve pregnancies in 5 patients were recorded with 4 live births.

**IGCS20_1111**

**HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY FOR GYNECOLOGIC MALIGNANCIES IN A COMMUNITY-BASED COMPREHENSIVE CANCER CENTER: A REVIEW OF MORBIDITY AND EXPERIENCE**

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**Objectives** The combination of cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (HIPEC) has been shown to improve progression free and overall survival in ovarian cancer. Limited studies exist investigating the safety and feasibility of HIPEC implementation in a community-based setting. Our study aims to explore HIPEC use in this setting.

**Methods** All patients who received HIPEC at the time of cytoreductive surgery within a community-based comprehensive cancer center from 2018 through 2019 were retrospectively identified. Demographics, tumor characteristics, chemotherapy, surgical interventions, and 30-day postoperative morbidity and mortality data were collected.

**Results** 18 patients underwent cytoreduction and HIPEC. Most patients had stage III or IV disease (88.9%) and high grade serous ovarian carcinoma (77.8%). Two-thirds of patients received neo-adjuvant chemotherapy, while one-third underwent primary cytoreduction. Cisplatin was used for HIPEC in all patients, with a median dose of 75 mg/m2 (range 50–100 mg/m2). Grade 3 and Grade 4 adverse events within 30 days of surgery occurred in 61.1% and 5.6% of patients, respectively. Adverse events included electrolyte disturbances (44.4%), gastrointestinal disorders (22.2%), hematologic alterations (16.7%), and/or infections (16.7%). There were no postoperative mortalities. Median length of hospital stay was 8 days (range 4–31), with no difference for patients with grade 3 or 4 events compared to patients with none.

**Conclusions** The addition of HIPEC to cytoreductive surgery had low perioperative morbidity and no mortality. Grade 3 or 4 adverse events had minimal clinical significance. This preliminary review demonstrates safe utility of HIPEC treatment for gynecologic oncology patients in a community-based comprehensive cancer center.