**2022-RA-1336-ESGO**

**DIFFERENCES IN EPIDEMIOLOGY, CLINICAL FEATURES AND PROGNOSIS OF EOC IN ARAB WOMEN AS COMPARED WITH JEWISH WOMEN IN NORTHERN ISRAEL**

1Inbar Ben Shachar, 1Roni Plaschkes, 2,3Jamal Zidan, 4Ilan Atlas. 1ObandGyn, Ziv, Safed, Israel; 2Oncology, Ziv, Safed, Israel; 3Poria, Poria, Israel; 4ObandGyn, Poria, Poria, Israel

10.1136/ijgc-2022-ESGO.694

**Introduction/Background**

Epithelial ovarian cancer (EOC) is the most fatal gynecological cancer, affecting various ethnic groups differently. We compared between women from Israel’s two major ethnic groups, Arabs and Jews, in order to determine whether significant differences in EOC characteristics existed.

**Methodology**

The data consist of records of 122 women (24 Arabs and 98 Jews) with EOC who were treated in northern Israel between 2005 and 2017 and include the following: age at diagnosis, disease stage, histological type, histological grade, BRCA mutations, and prognosis.

**Results**

Arab patients were diagnosed at a younger age compared with Jewish patients (60.0 years vs. 65.5 years, respectively; p = 0.050). Stage III-IV disease was found among 78.3% in Arabs and 79.1% in Jews (p = 0.928). Serous tumors were most common in both groups (75% of Arabs and 74.1% of Jews; p = 0.649). Of only four (16.6%) Arab women who were tested for BRCA mutations, two were found positive, while of 47 (47.9%) Jewish women who were tested, 23.4% were found with a mutation. Overall survival was similar in the two groups (5.8 years in Arabs vs. 5.9 years in Jews), but Arab patients died at a younger age compared with Jewish patients (65.9 years vs. 71.4 years, respectively; p = 0.089).

**Conclusion**

The only significant difference observed was the younger age of diagnosis among the Arab patients. Only a small percentage of the Arab population underwent genetic screening during the study period, but new health ministry regulations will expand screening to all populations.

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**2022-RA-1347-ESGO**

**THE IMPACT OF THE INDUCTION OF ANAESTHESIA AND THE OPENING OF THE ABDOMINAL CAVITY ON HAEMODYNAMIC PARAMETERS IN CYTOREDUCTIVE DEBULKING SURGERY**

1Charlotte Middel, 1Matthias Stetzuhn, 1Nadine Sander, 1Björn Kalkbrenner, 2Timo Tigges, 2Alexandru-Gabriel Pelinus, 1Claudia Spies, 1Klaus Pietzner, 2Michael Klum, 1Clarissa von Haefen, 1Oliver Hunsicker, 1Jalid Sehouli, 1Frank Konietzschke, 1Aarne Feldheiser. 1Department of Anaesthesiology and Operative Intensive Care Medicine (CCM, CVK), Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin, Humboldt-Universität zu Berlin, and Berlin Institute of Health, Berlin, Germany; 2Department of Electronics and Medical Signal Processing, Technical University, Berlin, Germany; 3Department of Gynecology with Center for Oncological Surgery, Campus Virchow Klinikum, Charité – Universitätsmedizin Berlin, Berlin, Germany; 4Department of Biometry and Clinical Epidemiology, Charité-Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin, Humboldt-Universität zu Berlin, and Berlin Institute of Health, Berlin, Germany; 5Department of Anaesthesiology and Intensive Care Medicine, Evangelische Kliniken Essen-Mitte, Essen, Germany

10.1136/ijgc-2022-ESGO.695

**Introduction/Background**

High-risk surgery frequently is associated with haemodynamic instability leading to the administration of high amounts of intravenous fluids and catecholamines to stabilize cardiovascular function. The haemodynamic instability is commonly attributed to the inflammatory response related to surgical trauma. In this study, we investigated also how the induction of anaesthesia and the opening of the abdominal cavity impact haemodynamics.