Conclusions The obtained results indicate high efficiency of the artificial neural networks, in supporting diagnosticians. The use of U-NET/ANN is a promising for increasing the effectiveness of cervical screening. The low cost of neural networks usage increases the potential areas of application of the presented method.

IGCS19-0152

ARE CURRENT GUIDELINES FOR CERVICAL SAMPLING IN HYSTERECTOMY SPECIMENS FOR ENDOMETRIAL CANCER ADEQUATE?

1S Nottley*, 1S Syed, 3N Reed, 1D Millan. 1Queen Elizabeth University Hospital, Histopathology- Laboratory Medicine, Glasgow, UK; 2Beatson oncology centre, Clinical Oncology, Glasgow, UK 10.1136/ijgc-2019-IGCS.266

Objectives To identify if sampling a single block from the centre of the cervix, including the anterior and posterior lips, is sufficient to detect cervical stromal invasion in hysterectomy specimens for endometrial cancers. We have expanded our study and have analysed according to grade and histological type.

Methods Our centre sequentially processes the entire endocervical canal in cases of endometrial cancer. We reviewed each block of cervical tissue in 79 cases in which there was known cervical stromal invasion; this was to ascertain if sampling only from the centre of the canal was adequate for detection.

Results Cervical stromal invasion is detected in only 73.5% (58/79) of cases when sampling only from the centre of the endocervical canal.

Conclusions Sampling only the centre of the endocervical canal fails to detect 26.5% of cases of cervical stromal invasion by endometrial cancer. We advise processing the entire endocervical canal to ensure correct staging.

Ovarian Cancer

IGCS19-0127

ATTITUDES TO STIC LESIONS AND OPPORTUNISTIC SALPINGECTOMY: IS THERE A ROLE IN THE GENERAL POPULATION?

H Agnew*, A Brown, I Harley. Belfast City Hospital, Department of Gynaecology, Belfast, UK 10.1136/ijgc-2019-IGCS.268

Objectives The fallopian tube is well recognised as the site of origin of high-grade serous carcinoma (HGSC) and their precursor serous tubal intraepithelial carcinoma (STIC). Bilateral salpingo-oophorectomy is recommended as risk reduction surgery in the high risk population, however the protection offered by opportunistic salpingectomy in the general population remains undetermined. We assessed attitudes among consultant obstetrician/gynaecologists to STIC and performing opportunistic salpingectomy in those without a defined genetic risk.

Methods An anonymous online survey was sent to consultant obstetrician/gynaecologists in Northern Ireland. The questions aimed to determine their understanding of STIC, barriers to counselling patients and performing opportunistic salpingectomy in 3 specific scenarios: caesarean section sterilisation, vaginal hysterectomy and sterilisation requests.

Results 62.3% consider their knowledge either average or poor. 55.1% feel ‘somehow confident’ in counselling patients, with main barriers being lack of knowledge, lack of clear evidence and thus no accurate risk/benefit ratio. 68%, 67% and 77% would consider carrying out opportunistic salpingectomy