

## **AGC Pap Smears and Non-Gynecologic Malignancies**

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**BACKGROUND:** Extrauterine gynecologic malignancies (ovarian, fallopian) and other cancers like colon and breast can be diagnosed through work up of AGC Pap smears.

**PURPOSE:** To identify an association between AGC Pap smear and non-gynecologic malignancies.

**METHODS:** A retrospective chart review of women with history of AGC Pap was performed. The results of colposcopy and biopsies were documented and grouped in to benign, premalignant, or malignant categories. We searched their past medical history and surgical pathology to identify any malignant conditions.

**RESULTS:** There was no statistical significance between the development of non-gynecologic malignancies. However there was a trend in whether or not the endometrial biopsy was performed in age group  $\geq 35$  ( $p=0.08$ ).

**CONCLUSION:** Though rare, AGC Pap smear should prompt thorough evaluation given the risk of high grade lesions and malignancy. If initial workup is not consistent with expected lesions, extrauterine malignancies should be considered in the differential diagnosis.