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**Atypical glandular cells latest concepts**

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*Prof, Dept of Pathology, JSSAHER, India***Key words:** Endometrium, Endocervical, atypical glandular cells, CPS, MLBC**Abstract**

Endometrial adenocarcinoma is most common in developed part of the world with increased incidence in postmenopausal women even though its incidence is comparatively low in Asian countries it is increasing in urban women population who have PCOS, obesity and protein rich diet. Endocervical adenocarcinoma is the second most frequent carcinoma of the cervix after Squamous cell carcinoma (SCC). Endocervical adenocarcinoma accounts for about 15 to 20% of cervical cancers. Though the incidence of endocervical adenocarcinoma is less than squamous cell carcinoma of the cervix, it is associated with a worse prognosis. Atypical glandular cells can also be reported in numerous reactive, inflammatory, and metaplastic conditions in addition to the above two malignancies. The presentation tries to highlight the various non neoplastic and neoplastic conditions of the endometrium with the diagnostic and treatment aspects being highlighted. There are various methods for detection of atypical glandular cells like conventional liquid based cytology. our inhouse method manual liquid based cytology, cell block and biopsy.

**Biography**

Nandini N. M, Professor, JSS Medical College, Mysore, is attached as a teaching faculty from the past 25 years in the department of pathology. She has worked in the field of cytology of cervix and breast. She has attended many national and international conferences in countries like U.K, USA, Singapore and Netherland. She has worked on liquid based cytology, cell block technique and has come up with indigenous methods. She has several publications and books to her credit written on cervical and breast cancer.

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