Video Microscopy Tutorial 7: The Problems of ASC-US, AGUS and Metaplasia in Gynecologic Cytopathology
10:30-12:00, May 30, 2016

Presenter:
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Summary:
In cervical cytology, the “gray zones” of Atypical Cells of Uncertain Significance (ASC-US), Atypical Squamous Cells of Uncertain significance (ASC-US), and definitions of benign squamous metaplasia continue to be a source of frustration for cytologists, clinicians and patients. It is well known that a strictly morphologic analysis cannot totally resolve the diseased and the non-diseased population when evaluating the cytology of the uterine cervix for neoplasia. Many of us who perform microscopic analysis of these samples do not have a firm understanding the nature of ASC-US, AGUS and the protective reaction that is cervical metaplasia. This tutorial will aim to provide structure to these atypical categories and explain the morphologic overlap with some high grade intraepithelial lesions. In so doing the workshop attempts to bring some clarity to the Pap test. Information from important authors of the past as well as more recent works will be reviewed.