

## GYN Cytology and HPV DNA Testing

I. ACM Medical Laboratory will perform HPV DNA testing on ThinPrep® specimens only when ordered by the clinician.

- Pap **with Reflex** HPV DNA testing ordered:
  - HPV DNA Testing will be performed **ONLY** if the pap result is reported as Atypical Squamous Cells of Undetermined Significance (ASC-US).
  - Reflex testing will **not** be performed if the pap result is Atypical Squamous Cells; cannot exclude a High Grade Squamous Intraepithelial Lesion (ASC-H.)
  - Reflex testing will **not** be performed if the pap result is Atypical Glandular cells, which includes Atypical Endocervical cells and Atypical Endometrial cells.
- Pap **with** HPV DNA testing ordered (**Not Reflex**):
  - HPV DNA Testing will be performed on the specimen regardless of the pap result reported.

II. ACM Medical Laboratory will indicate on its GYN cytology reports when a specimen has an insufficient volume of specimen remaining for HPV DNA testing.

- HPV DNA testing requires a certain minimum volume of specimen remaining in the ThinPrep® vial after processing the pap slide for testing.
- Although all ThinPrep® vials start with the same amount of solution in the vial, variable amounts of specimen are required to actually make each Pap slide. The method used to make the slides is a vacuum method that traps cells on a filter and transfers them to a glass slide. In order to trap an adequate amount of cells, a variable amount of specimen from the ThinPrep® vial must be used each time. Therefore, occasionally there is an insufficient amount of specimen remaining for HPV DNA testing after the Pap slide is made.

III. ACM Medical Laboratory does not include specific recommendations on abnormal pap results.

- Refer to published guidelines for specific patient management and follow up recommendations.

References:

- American Society for Colposcopy and Cervical Pathology (ASCCP)  
([www.asccp.org](http://www.asccp.org))
- American Congress of Obstetricians and Gynecologists (ACOG)  
([www.acog.org](http://www.acog.org))

IV. ACM Medical Laboratory uses the ThinPrep® Imaging System.

- ThinPrep® pap slides are analyzed using computer imaging technology to assist in primary cervical cancer screening for the presence of abnormal cells.
- Every pap slide is reviewed by a cytotechnologist and any potential cellular abnormality is interpreted by a pathologist.