

To: UPHS Physicians and Staff
 From: Department of Pathology and Laboratory Medicine
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Date: February 05, 2024
 Re: NEW ASSAY: HPV Primary Screening

In February, as recommended by the American Cancer Society (ACS) and American Society of Colposcopy and Cervical Pathology (ASCCP) guidelines, HPV primary screening will be available in the Molecular Pathology Laboratory at the Hospital of the University of Pennsylvania. Results for HPV high-risk (HR) DNA testing will be immediately available in PennChart (to clinicians and patients). Samples positive or inconclusive for HPV HR DNA will be automatically reflexed to Cytopathology for additional Pap testing which will be reported separately. Methodology and performance characteristics will remain unchanged from the current co-testing and reflex pathways. In addition to the new orderable, some of the other PennChart orderables and test descriptions for Pap and HPV have been updated (refer to table below).

Testing Information:

Turnaround time: 2 business days. **Note: for HPV HR DNA positive samples, reflex cytology testing will take an additional 2-10 business days.**

Ordering: The **BOLDED** Pennchart orderable below is the order for Primary HPV Screening

| PennChart Order (PxCode) | Test Description | Typical Usage |
|--------------------------|--|---|
| PAP01 | CO-TEST: PAP + HIGH RISK HPV DNA TEST WITH REFLEX GENOTYPE | Concurrent PAP and HPV HR DNA |
| PAP02 | REFLEX: PAP + HIGH RISK DNA IF ASCUS/LSIL OVER 25 | Reflex High Risk HPV testing when Pap is ASCUS or LSIL in patient 25 years or older |
| PAP03 | PAP ALONE (NO HPV TESTING) | PAP Only |
| PAP05 | HPV HIGH RISK WITH REFLEX TO PAP CYTOLOGY (HPV PRIMARY SCREENING) | NEW Orderable! HPV Primary Screening |
| PAP11 | ADD ON HPV HIGH RISK | Add HPV after PAP resulted (use when originally misordered or decide now want HPV testing) |
| PAP12 | ADD ON PAP CYTOLOGY | NEW! Add PAP to HPV HR DNA Negative (use when originally misordered or decide now want Pap testing) |

Acceptable specimens:

Pap broom/brush/spatula of cervix/endocervix/vagina collected in a ThinPrep® Pap Test collection kit

Unacceptable specimens:

Self-collected cervical swabs, anal swabs

Contact Information: Call the Molecular Pathology Laboratory (215-615-3094) weekdays during regular business hours. For information on ordering and specimen requirements, kindly consult the [Lab Tests Services Guide](#).

Reference:

Marcus, JZ, et al. 2021. The ASCCP Cervical Cancer Screening Task Force Endorsement and Opinion on the American Cancer Society Updated Cervical Cancer Screening Guidelines. Low Genit Tract Dis. 25(3): 187-191.