PROCESSING HPV REQUESTS ON THIN PREP PAP TESTS

I. **Principle:**
HPV testing can be used to triage patients with pap tests for appropriate screening and follow up care, and is performed and ordered from the same collection vial as the Pap test.

**HPV Screen and Genotyping.** Collect cervical specimens into Thin Prep PreservCyt PAP vials. The options available for HPV testing are:
A. None
B. HPV regardless of results
C. If pap is normal and patient >30 years, HPV test performed. If HPV positive- subtyping will be performed.
D. HPV if ASCUS or LGSIL (any age)
E. If patient is >30 and pap is normal/ASCUS/LGSIL, HPV test is performed. If pap is normal and HPV positive, subtyping will be performed.

Request HPV testing on the cytology order. HPV testing may be performed in house or sent to Mayo based on the graphs following these pages:

**ADD ON HPV TESTING:**
The provider may call X 3734 and request an HPV on an already resulted pap test. Log the request on the phone log and order the HPV, noting the time, date, and medical record number. Order the HPV doing the following:
1. Click on patient station and enter the medical record number of the patient
2. Choose the appropriate visit and double click
3. Under “order entry” add the appropriate test code according to the HPV guidelines
4. Sign the order
5. Click on “order inquiry” in Beaker
6. Open the “lab order inquiry all” view.
7. Highlight the correct specimen and click on the “collect the specimen”.
8. Enter the correct time and date of specimen collection- print and receive.
9. Link the pap and HPV order by clicking on “link orders” choose the case to link, add link and accept

**Important Note:** Samples are aliquoted prior to processing the Pap test. The Aptima specimen vials are retained for 14 days after the aliquot date. Thin prep vials are retained 21 days after the preparation date. The vials are stored in cytology prep area in numerical order by cytology accession number. If post pap HPV testing is performed on the Thin prep vial- at least 1 ml of specimen is required to run the test. If the lab has disposed of the Aptima vial and HPV is requested- the HPV will be sent to Mayo using the thin prep vial. If the Pap sample has been disposed of- QNS the sample notify the provider and document the reason and notification under the comment section.

The following limitations apply to HPV.
- Test is not validated for HPV vaccinated individuals or suspected abuse
• Results may be affected by improper specimen collection, storage or processing
• Personal lubricants that contain Polyquaternium 15 may interfere
• A negative result does not exclude the possibility of cytological abnormalities or of future or underlying CIN2, CIN3 or cancer

II. **HPV Requests: Other**
1. If an HPV is requested and received on a Digene swab- deliver the swab to CLP to send to Lab Corp.
2. If an HPV is requested on an anal pap and the specimen is in a Thin Prep vial-order test LAB101011. Free text “HPV to Quest # 92810x on the Quest requisition, this will automatically reflex to genotyping if positive. OR order test LAB101011 and free text HPV to Quest #91932x, which will not reflex to genotyping.
3. Deliver the specimen and the requisition to CLP for shipping.
4. If HPV is requested without a pap test it will be sent to Mayo, following step IV

III. **References:**
1. APTIMA specimen transfer kit insert 2005-2013 Gen-Pro Incorporated
< 21 years old

1 - None

2 - HPV Regardless of Result

3 - If Pap is normal and patient is <30, HPV test performed. If HPV is positive, subtyping will be performed.

4 - HPV if ASCUS or LSIL (any age). No subtyping will be performed.

AMC Pap Test, Cytology

BMC Pap Test, Cytology

BMCPap Test, Cytology

RML HPV (LAB21135)

RML HPV (LAB21135)

ANAL will perform additional Genotyping

ANAL will perform additional Genotyping
21 – 29 years old

1 - None

2 - HPV Regardless of Result

3 - If Pap is normal and patient is >30, HPV test performed. If HPV is positive – subtyping will be performed.

4 - HPV if ASCUS or LSIL (any age). No subtyping will be performed.

- BMCP pap Test, Cytology
- A/I
- P
- N

- BMCP pap Test, Cytology
- A/I
- P
- N

- BMCP pap Test, Cytology
- A/I
- P
- N

- BMCP pap Test, Cytology
- A/I
- P
- N

MIB HPV (lab31135)

- P
- N

MIB will perform additional Genotyping
> 30 years old

1 - None
2 - HPV Regardless of Result
3 - If Pap is normal and patient is >30, HPV test performed. If HPV is positive - subtyping will be performed.
4 - HPV if ASCUS or LGSIL (any age). No subtyping will be performed.

BMC Pap Test, Cytology

M/B HPV [Lab31135]

M/B will perform additional Genotyping

M/B will perform additional Genotyping

P N