

SPECTRUM HEALTH



Collection Guide Pap Specimens

Laboratory Services
April 2022

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Ordering Requirements

Spectrum Health Regional Laboratory offers these tests for Pap and HPV testing. These are general consensus guidelines; for more information, visit the [ASCCP website](#):

LAB1230097 PAP Test

Spectrum Health Laboratory [Pap Source: Cervical or Vaginal]

LAB263 Human Papilloma Virus (HPV) High Risk Screen

Spectrum Health Laboratory [Pap Source: Cervical]

LAB3340 Human Papilloma Virus (HPV) Type 16 and 18/45 mRNA test

Spectrum Health Laboratory [Pap Source: Cervical]

LAB1230723 Human Papillomavirus (HPV) DNA Detection with Genotyping, High-Risk Types by PCR, ThinPrep, Varies

Mayo Clinic Laboratories in Rochester [Pap Source: Cervical or Vaginal]

Pap HPV Reflex Information

Is HPV Requested?

- a. If NO, select NO and only the Pap test will be ordered.
- b. If YES, select **one** of the following two options:

1) CO-TESTING (recommended for patients age 30-64 y/o)

If Co-testing is selected, the HPV test will be ordered and performed regardless of the Pap test final diagnosis.

2) HPV REFLEX

If Reflex is selected, the HPV test will only be performed in the following scenarios:

- a. The Pap test final diagnosis is NIL ; the patient is ages 30-64 y/o.
- b. The Pap test final diagnosis is ASCUS ; the patient is ages 21-64 y/o.
- c. The Pap test final diagnosis is LSIL ; the patient is ages 25-64 y/o and not pregnant.

NOTE: The HPV Genotype test will automatically reflex for all patients ages 30-64 y/o with an NIL Pap test diagnosis and a positive HPV test diagnosis.

****HPV and HPV Genotype tests can be added on up to 4 weeks from the collection date****

Ordering Requirements

The requisition/order is the main communication link between the physician and the laboratory.

Spectrum Health Regional Laboratory provides paper requisitions for your convenience ([Anatomic Pathology form](#)).

You may also print from your EMR or order electronically if you are interfaced with Spectrum Health via EPIC or eShare. For more information on this, email LaboratoryServices@spectrumhealth.org.

Ordering Requirements

The order should contain the following information:

- Patient's Full Legal Name
- Date of Birth
- Diagnosis Code
- Insurance Information
- Date Collected
- Menstrual Status (LMP, hysterectomy, pregnant # of wks, postpartum # of weeks, hormone therapy, menopause)
- Previous abnormal cervical cytology result, previous treatment, biopsy or surgical procedure
- Source of Specimen (e.g. cervical, vaginal)
- Screening or Diagnostic testing

Labeling

Because safety of our patients and quality of care are of the utmost importance,

Spectrum Health requires that specimens be labeled with at least two patient identifiers (i.e. full legal name, date of birth, Spectrum Health Medical Record Number).

We will no longer return unlabeled or mislabeled specimens lacking two identifiers. Instead, these specimens will be discarded and repeat collection will be necessary.

Collection

HOLOGIC® ThinPrep® Pap Test

- Obtaining an adequate smear
- Using a spatula and brush
- Using a broom-like device



Suggestions for an adequate smear

- Avoid douches 48-72 hours prior to examination
- Perform PAP smear prior to biannual exam
- Visualize entire cervix
- Perform ectocervical scraping first and then endocervical sample by gently rotating brush to reduce bleeding
- Avoid large amounts of blood, as they preclude cytologic evaluation; small amounts of blood will not interfere
- Avoid lubricating jelly, as it will interfere with cytologic examination
- Avoid wooden collection devices

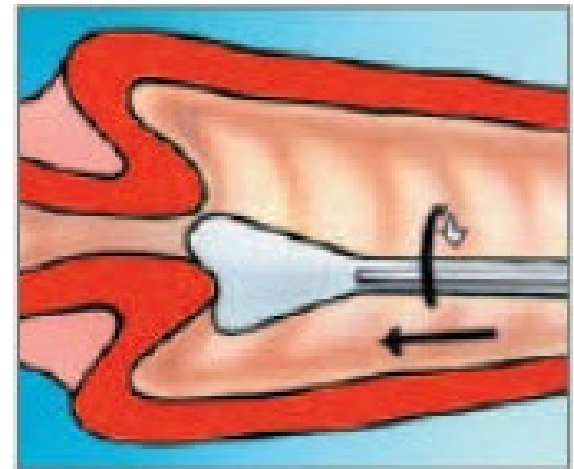
Collection – Spatula and Brush

a) Obtain...

an adequate sampling from the ectocervix using a plastic spatula. If desired, use lukewarm water to warm and lubricate the speculum. Water-soluble gel lubricant sparingly applied to the posterior blade of the speculum can be used if necessary.¹

1. Cervicovaginal Cytology Based on the Papanicolaou Technique; Approved Guideline – Third Edition (Clinical and Laboratory Standards Institute GP15-A3).

Select contoured end of plastic spatula and rotate it 360 degrees around the entire exocervix while maintaining tight contact with exocervical surface.



Collection – Spatula and Brush

b) Rinse...

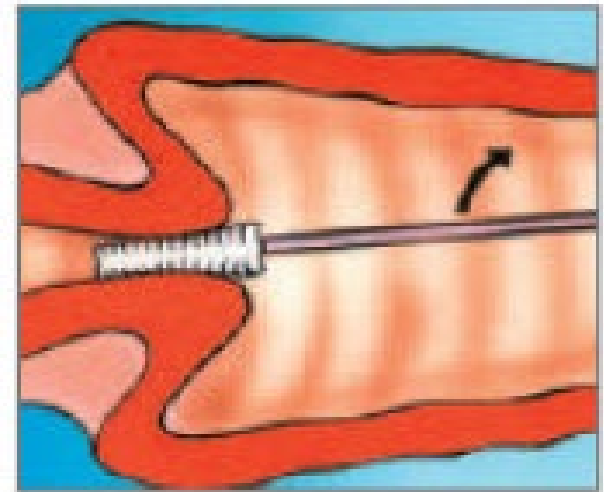
the spatula as quickly as possible in the PreservCyt solution vial by swirling the spatula vigorously in the vial 10 times. Discard the spatula.



Collection – Spatula and Brush

c) Obtain...

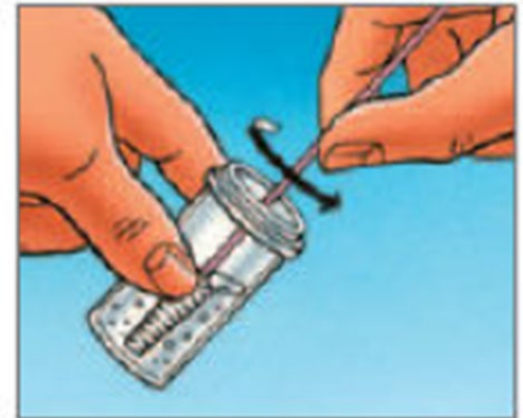
an adequate sampling from the endocervix using an endocervical brush device. Insert the brush into the cervix until only the bottommost fibers are exposed. Slowly rotate 1/4 or 1/2 turn in one direction. DO NOT OVER-ROTATE.



Collection – Spatula and Brush

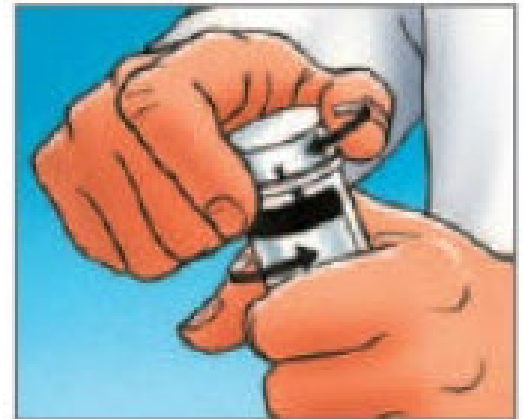
d) Rinse...

the brush as quickly as possible in the PreservCyt solution by rotating the device in the solution 10 times while pushing against the PreservCyt vial wall. Swirl the brush vigorously to further release material. Discard the brush.



e) Tighten...

the cap so that the torque line on the cap passes the torque line on the vial.



Collection – Spatula and Brush

f) Record...

on the vial: two patient identifiers (i.e. full legal name, date of birth, Spectrum Health MRN)

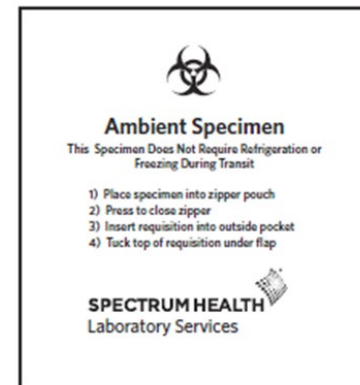
Recall: specimens not appropriately labeled with two patient identifiers will be rejected, requiring the specimen to be recollected.

on the AP Requisition form: the patient's full legal name, date of birth, demographic information, and medical history (or print the order from your EMR)



g) Place...

the vial and order/requisition (or color coded slip for EPIC or eShare users) in an ambient specimen bag for transport to the laboratory.



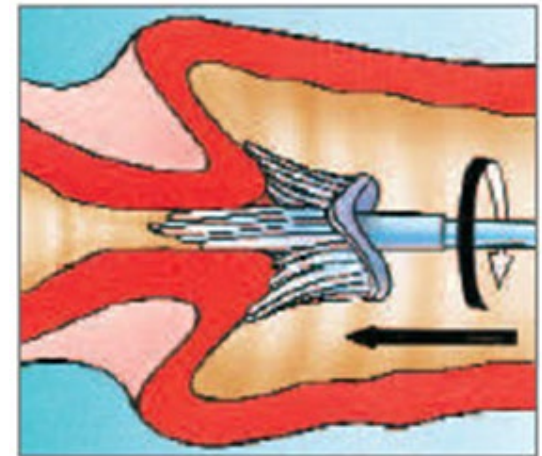
Collection – Broom-like Device

a) Obtain...

an adequate sampling from the cervix using a broom-like device. If desired, use lukewarm water to warm and lubricate the speculum. Water-soluble gel lubricant sparingly applied to the posterior blade of the speculum can be used if necessary.¹

1. Cervicovaginal Cytology Based on the Papanicolaou Technique; Approved Guideline – Third Edition (Clinical and Laboratory Standards Institute GP15-A3).

Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently, and rotate the broom in a clockwise direction five times.



Collection – Broom-like Device

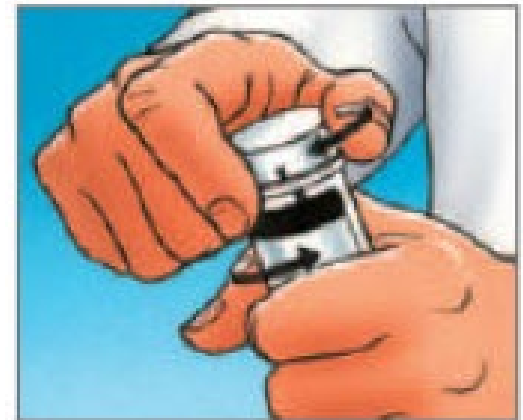
b) Rinse...

the broom as quickly as possible in the PreservCyt solution vial by pushing the broom into the bottom of the vial 10 times, forcing the bristles apart. As a final step, swirl the broom vigorously to further release material. Discard the collection device.



c) Tighten...

the cap so that the torque line on the cap passes the torque line on the vial.



Collection – Broom-like Device

d) Record...

on the vial: two patient identifiers (i.e. full legal name, date of birth, Spectrum Health MRN)

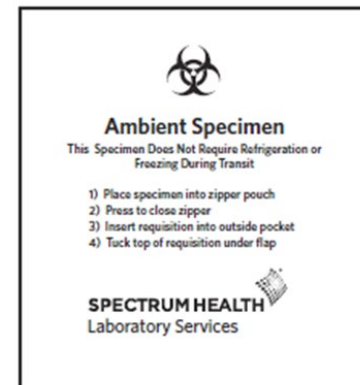
Recall: specimens not appropriately labeled with two patient identifiers will be rejected, requiring the specimen to be recollected.

on the AP Requisition form: the patient's full legal name, date of birth, demographic information, and medical history (or print the order from your EMR)



e) Place...

the vial and order/requisition (or color coded slip for EPIC or eSHare users) in an ambient specimen bag for transport to the laboratory.



Resources

Spectrum Health Regional Laboratory

Phone: 616.774.7721

Fax: 616.774.5159

Email: LaboratoryServices@spectrumhealth.org

Specimen Collection Catalog:

<http://spectrumhealth.testcatalog.org/>

Resources

HOLOGIC®

TBD

Diagnostic Sales Specialist

TBD@hologic.com

www.hologic.com

Specimen Collection:

[ThinPrep Pap Test Collection Techniques](#)

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