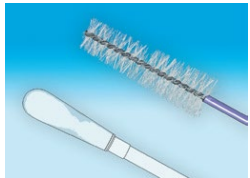
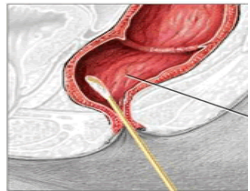



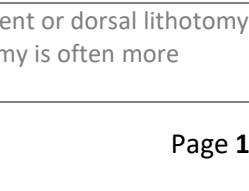


ANAL-RECTAL CYTOLOGY

| | |
|---|---|
| Document number | LA-75-WI-175E_01.30 |
| Revision date | 2024-Oct-25 |
| Required Specimen Type | <ul style="list-style-type: none"> Anal-Rectal - sample |
| Medical Supplies | <ul style="list-style-type: none"> PreservCyt solution (Thin Prep); Dacron swab or cytobrush; Pathology requisition : RR-10-RQ-001. |
| General Guidelines | <ol style="list-style-type: none"> All specimens must include a double identification (first and last name of the patient and date of birth or RAMQ number). The use of gloves is required when handling all biological specimens. A valid requisition must include the following information: <ul style="list-style-type: none"> First and last name of the patient, date of birth or RAMQ number and gender. Date and time of specimen collection and signature of collector. Physician's full name, signature and license number (or another qualified prescriber). Any relevant clinical information. Requested tests. |
| Patient Preparation¹ | No special preparation is needed for the patient, though the patient may be advised to refrain from receptive anal intercourse or the use of intra-anal preparations before the examination. |
| Specimen Collection Instructions²⁻³ | <p>Collect adequate sample using a water moistened Dacron swab or cytobrush can also be used for collection</p>  <p>Insert the moistened Dacron swab (or cytobrush) 5-6 cm into the anal canal past the anal verge, into the rectal vault. This is usually done without any direct visualisation of the anal canal.</p>  <p>Apply firm lateral pressure to the swab handle, rotate and slowly withdraw the swab from the anal canal, inscribing a cone shaped arc. Care should be taken to ensure the transformation zone is sampled.</p> <p>Rinse swab/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.</p>  <p>Swirl the device vigorously to further release material.</p> <p>Discard the device.</p>  <p>Tighten the cap so that the torque line on the cap passes the torque line on the vial.</p>  <p>Record the patient's name and Medicare or date of birth on the vial. Record the patient's information and medical history on the cytology requisition form. Put the PreservCyt vial in the biohazard bag and place the requisition in the side pocket of the bag.</p>  |
| Additional Information³ | An ARC sample can be collected with the patient in either the lateral recumbent or dorsal lithotomy position. If the patient is already being seen for a gynaecologic exam, lithotomy is often more convenient; For male patients, lateral recumbency is preferable. |

| | |
|--|---|
| | If liquid-based cytology is not available, the swab or cytobrush can be smeared onto a glass slide and spray-fixed as per a conventional pap. |
| Specimen Conservation and Stability | 4 weeks at room temperature |

¹⁻²⁻³ Teresa M. Darragh, MD and Barbara Winkler, MD. CAP Today. May 2004.

³ Quick Reference guide Thin Prep anal cytology collection procedure, Hologic

³ Sarah M. Bean MD, David C. Chieng MD. Anal-Rectal Cytology: The Other Pap test 2012