

Date: January 27, 2016

To: South Zone East – All Physicians/Physician Offices, South Zone East Labs- All Staff,
South Zone West – Cytology Department

From: AHS Laboratory Services – South Zone – Medicine Hat Regional Hospital Laboratory

Re: South Zone East Service Transition – Community Based Non-Gynecological Cytology Phase 2

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Key Messages:

- **Effective February 1, 2016: Phase 2** of the South Zone East Service Transition of all **community based** Non-Gynecological Cytology samples collected in physician offices in Brooks, Bassano, Bow Island and Oyen will take place.
- Phase 2 Includes:
 - Implementation of the AHS South Zone Cytology Requisition
 - Provision of Cytolyt Collection Kits to physician offices and patients collecting samples at home (urine)
- The table on page 2 of this bulletin outline the changes required for sample collection.

Phase 1: January 1-31, 2016	Phase 2: February 1-29, 2016	Phase 3: March 1-31, 2016
<ul style="list-style-type: none"> • Current MHDL Cytology Requisition and collection supplies. • Change to AHS Cytology Report format. • Sample accessioning at MHRH • Use of Liquid Based Cytology methodology for community non-gyne cytology samples. • Sample processing, staining and screening at CRH • Final diagnosis by Medicine Hat Pathologists 	<ul style="list-style-type: none"> • Roll out of CytoLyt collection kits: <ul style="list-style-type: none"> ○ Urine Collection Kit ○ 25 mL CytoLyt Container ○ 7.5 mL CytoLyt Container • New South Zone Cytology Requisition. • AHS Laboratory staff can provide onsite educational sessions as requested. To arrange an educational session please call the Histology department at 403-502-8648 ext 1205 	<p>Discontinue MHDL Supply Order form for Histology/Cytology Supplies.</p> <p>SZE Physician Office Supply form for Histology/Cytology requisitions and supplies.</p> <p>Supply orders faxed directly to MHRH Laboratory.</p>

Why this is important:

- Liquid Base Cytology is the primary method of Cytology sample processing. The ThinPrep processing method enhances the sensitivity and specificity of a result.

Action Required for Phase 2: February 1, 2016

- See Table 1. Changes to Non-Gynecological Cytology Sample Collection for detailed summary.

Table 1. Changes to Non-Gynecological Cytology Sample Collection Phase 2: **February 1, 2016**

Sample Type	Collection Technique	
Voided Urine	Cytology Urine Collection Kits are available for voided urine. Voided urine is collected into a 90 mL sterile container. Urine is then added to the 30 mL container containing 7.5 mL of CytoLyt fixative up to the fill line, whenever possible.	
Fine Needle Aspirate	IF...	THEN...
	Thyroid, Salivary gland, lymph node or neck	<ul style="list-style-type: none"> • Prepare 2 direct smears and air dry • Deposit remaining sample and rinse needle into a 30 mL container pre-filled with 7.5 mL of CytoLyt fixative • Collect at least one additional pass and rinse needle in same CytoLyt container.
	Breast	<ul style="list-style-type: none"> • Deposit sample and rinse needle into a 30 mL container pre-filled with 7.5 mL of CytoLyt fixative.
	Cyst fluid (any specimen type)	<ul style="list-style-type: none"> • Deposit sample and rinse needle into a 30 mL container pre-filled with 7.5 mL of CytoLyt fixative.
	Specimen type other than those listed above	<ul style="list-style-type: none"> • Deposit sample and rinse needle into a 30 mL container pre-filled with 7.5 mL of CytoLyt fixative.
Brushing	Rinse brush vigorously into a 30 mL container pre-filled with 25 mL of CytoLyt fixative.	
Scraping	Rinse the swab or spatula into a 30 mL container pre-filled with 25 mL of CytoLyt fixative.	
Urine - collected during cystoscopy	IF...	THEN...
	Sample requires Cytology testing only	Collect sample directly into a 30 mL container pre-filled with 7.5 mL of CytoLyt fixative.
	Sample requires additional testing (in addition to Cytology testing – Microbiology, Chemistry, etc)	Collect sample into a sterile container and send to laboratory with the appropriate requisitions.

Inquiries and feedback may be directed to:
Medicine Hat:

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This bulletin has been reviewed and approved by:

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