



## PERIPHERAL SMEARS FOR HEME AND PATH REVIEW and SEZARY CELL REVIEW

***This protocol requires that a CBC result printout, stained and unstained slides, and the CBC sample tube (if possible) accompany the SMP/SMH form for all smear reviews.***

If the provider has placed an order for path review *only* and a CBC was not ordered along with it, a CBC will need to be ordered.

1. In DOE (Dept. Order Entry), using the “accession add-on” icon, enter the ACCN# assigned to the SMP(path review), and add the order for CBC. When the sample information screen pops up, look for the “order communication type” field in the bottom right corner of the page.

Click on the drop down menu and select the Protocol / Standing Order option. (This is a required field to indicate the CBC order is part of our protocol)

Also select your printer, to print the labels for the CBC tube.

Then click the “submit orders” icon.

2. If the CBC is STAT, perform the CBC and differential at the MOL, then send all paper work, slides, and sample tube to RRL

3. If the CBC is not STAT, send all paper work, slides, and sample tube to RRL. RRL will perform the CBC and differential, then send on for pathologist review.

4. Pack paperwork, tubes and slides in one bag, and track on a separate list.

### **SMH (Smear for Hematology) Review:**

1. Any tech may request SMH review for any questionable slides. On the SMP/SMH form, clearly circle the SMH option on the form. Do NOT order the SMH in Cerner.

2. Look up patient history in the LIS and/or Health Connect and include any pertinent information on the SMP/SMH form, to assist the reviewing technologist (ex: change in historical results, diagnosis or previous reviews)

3. A complete manual differential should be performed by the submitting lab (if possible), recorded on the instrument printout, and verified in the LIS.

4. Paper clip together; the SMP/SMH form, the instrument printout, the LIS patient chart report, and (1) stained + (1) unstained slide. It is also very helpful to send the corresponding CBC sample tube.
5. Upon smear review, if any SMP criteria are noted, the reviewing technologist will order the SMP and forward on for pathologist review.

If an MOL tech has requested feedback, RRL will send a copy of the final LIS patient report (including the SMH or SMP results) along with the MOL stained slide, if available.

**NOTE:** If progression to the SMP is required, and a second stained slide is not available, RRL must keep the stained slide and send only the report back to the MOL tech.

### **SMP (Smear for Pathologist) Review:**

1. The pathologists have established criteria for abnormal results or morphology that require SMP review. The SMP review may also be ordered up front by the provider. In either case; fill out the SMP/SMH form, and clearly circle the SMP option on the form.
2. Look up patient history in the LIS and/or Health Connect and write any pertinent information on the SMP/SMH form, to assist the reviewing pathologist. (ex: change in historical results, diagnosis or previous reviews)

**Specifically look for any previous SMP's done in the last year (365 days). If an SMP is found within the last 365 days and no new abnormalities are noted on the present smear, DO NOT send for another SMP.**

If no previous SMP has been performed in the last year ( $\geq 365$  days), and the SMP has not been ordered by the provider, add-on the SMP test to the CBC accession #, in LIS function Department Order Entry / Accession Add-On.

3. A complete manual differential should be performed by the submitting lab, recorded on the instrument printout, and verified in the LIS.
4. Paper clip together; the SMP/SMH form, the instrument printout, the LIS patient chart report, and (1) stained + (1) unstained slide, and send to RRL. It is also very helpful to send the corresponding CBC sample tube.

## **SLIDES FOR SÉZARY CELL REVIEW**

Requests for Sézary can only be collected Mon-Fri before 6 p.m. The specimen must be received at RRL on the same day it is collected. Submit the SMP/SMH form with the specimen and clearly label request as **Sézary cell review**.

RRL Hematology will perform the following:

1. Prepare 3-4 buffy coat (see Buffy Coat Procedure) smear and stain
2. Prepare 2-3 regular smear and stain.
3. Print an interim report and send with the slides.
4. Send all slides and paper work to the day's reviewing pathologist. Anatomic Pathology will order and assign a case number in CoPath.
5. The Anatomic Pathology Dept will re-enter results into the LIS.

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MOL.SMH.SMP.protocol