



# BONE MARROW COLLECTION TIP SHEET

## Penn Chart

Order Name: Surgical Pathology – Hematologic (SPHEM)

Px Code: SGPATH11

Note: Ordering with a STAT or Routine Immediate status will print Cerner labels IMMEDIATELY.

- Distinct orders must be placed for each of the sample types
- If only sending a core biopsy, only order on the biopsy sample
- If it is a “dry tap,” but you can pull even just a drop of aspirate, place it in a lavender tube, order the aspirate, and send it for evaluation- the lab will determine if the sample is adequate for a work up.

Special Studies: The SPHEM is the order for a surgical pathology evaluation on the sample, including the processing, grossing, and evaluation of slides. Any ancillary studies should be listed as a “special studies” under the bone marrow aspirate only. For special cases, like a dry tap, we can attempt ancillary testing on a biopsy that is in saline.

## Collection Materials

For first biopsy: Zinc Formalin Fixative (Fisher Scientific catalog # 59901ZF) - Lawson # 259588

For aspirate (collect all 4 tubes when possible):

1 glass Sodium-Heparin tube [fill to 2 mL]

3 EDTA tubes [fill to 2 mL in each]

Glass slides for biopsy touch preps or bedside smears:

Label slides with 2 HANDWRITTEN unique identifiers

Send ONLY in a plastic slide-mailer (Fisher Scientific catalog #22363901) – Lawson # 108587)

Saline filled container for extra core biopsy (if collected)

*TIP: We have lost many specimens due to leaking. Please test to see whether the specimen will leak by turning it over gently. Do not place the label over the lid to secure the lid, because this is a patient identification risk.*

## Send Out Testing

All bone marrow aspirate send out testing MUST be sent through the lab. Place a completed requisition from the outside laboratory with an extra specimen tube in the bag with the rest of the case, and delivery to the lab.

## Specimen Delivery

Packaging specimen for transport:

Place all collected specimens in a plastic bag. Fold requisition form where patient identification is visible and place in the plastic bag sleeve with patient identification facing outward.

Specimen Transport from HUP Floor:

Hand deliver all samples to Central Receiving and Processing (7th floor Founders) **within an hour** of collection. For the liquid APP service, coordinate with your administrative assistant for delivery.

Specimen Transport from Perelman Center:

Place single case bag in pickup box for courier.

Specimen Transport from non-HUP facility:

Refer to individual site requirement for shipping specimen to HUP Central Receiving and Processing.

## Lab Contacts

Hematopathology Laboratory: 215-662-6196

Technical Manager: Joshua Edwards; Joshua.edwards@uphs.upenn.edu ; 267-319-5622

Technical Specialist: Darrin Jengehino; Darrin.jengehino@uphs.upenn.edu ; 267-319-6361

Please contact anyone in the lab if you have questions about test ordering or sample collection.

Refer to <https://www.testmenu.com/UPHS> for more detailed specimen requirements by test.