

UMMC Midtown Campus Anatomic Pathology Specimen Handling Guide

SURGICAL PATHOLOGY

ROUTINE SURGICAL PATHOLOGY SPECIMENS

SPECIMEN TYPE:	Tissue should be placed in 10% formalin with the following exceptions: <ul style="list-style-type: none">- <u>LARGE SPECIMENS</u> should be received fresh.- <u>LYMPH NODES</u> should be received fresh.- <u>OTHER TISSUE FOR SPECIAL PROCEDURES</u> (E.G. - CHROMOSOME ANALYSIS, KIDNEY BIOPSY), must be received fresh - see below.
INSTRUCTIONS:	If the specimen is removed late and will not be sent to Pathology until the next day it must be refrigerated. If there is any question as to the proper handling of any given specimen, <u>notify the pathologist on-call</u> (available 24 hours/day). All specimens should be accompanied by a Surgical Pathology requisition slip.
AVAILABLE:	Monday – Friday 7:00 a.m. – 4:00 p.m.,

SURGICAL PATHOLOGY INTRAOPERATIVE CONSULTATION (FROZEN SECTION)

INSTRUCTIONS:	Send fresh (no fixative) specimen immediately to Pathology. All specimens should be accompanied by a Surgical Pathology requisition slip. Please notify the laboratory of frozen section request for by calling 410-225-8460 or faxing a "Request For Intraoperative Consultation" form to 410-523-4023 at least 3 hours prior to the procedure.
AVAILABLE:	Monday through Friday 8:00 a.m. – 5:00 p.m. Available at all other times, with notification of pathologist on-call.

"RUSH" SURGICAL PATHOLOGY SPECIMENS

SPECIMEN TYPE:	Tissue can be sent fresh or in 10% formalin (preferred). Exception: All <u>LYMPH NODES</u> should be received fresh.
INSTRUCTIONS:	Send specimen to Pathology as soon as possible after removal. All specimens should be accompanied by a Surgical Pathology requisition slip marked "RUSH"
AVAILABLE:	Monday through Friday 7:30 am – 11:00 am. Specimens must be received by 11:00 am at the MTC lab in order to make the rush process at UMMC by 12:00 PM

RENAL BIOPSY

SPECIMEN TYPE:	At least 3 renal cores should be taken - with 1 each placed in formalin, Michel's Transport Medium and 4F1G medium.
INSTRUCTIONS:	Specimen should be accompanied by a Surgical Pathology requisition slip and clinical history. Onsite evaluation by a pathologist for adequacy of glomeruli is available on request by calling 410-225-8460 or faxing a "Request For Intraoperative Consultation" form to 410-523-4023 prior to the procedure.
AVAILABLE:	This analysis is sent to the UMMC laboratory for testing. Specimen must be received before 3:00 p.m., weekdays only.

CHROMOSOME ANALYSIS / PRODUCTS OF CONCEPTION (FETAL TISSUE)

SPECIMEN TYPE:	Specimens MUST be submitted fresh (no fixative) and sent to the laboratory as soon as possible.
INSTRUCTIONS:	All specimens should be accompanied by a Surgical Pathology requisition with appropriate comments requesting Chromosomal Analysis, written in under the "comments" section. This analysis is sent to an outside reference laboratory for testing.
AVAILABLE:	Monday through Friday 7:30 a.m. - 4:00 p.m.. After 4:00 p.m. or on weekends, requires notification of pathologist on-call.

RENAL STONES

SPECIMEN TYPE:	Specimen should be received fresh (no fixative).
INSTRUCTIONS:	Specimen should be accompanied by a Surgical Pathology requisition.
AVAILABLE:	Monday – Friday 7:30 a.m. - 4:00 P.M.

CYTOPATHOLOGY

ROUTINE CYTOPATHOLOGY SPECIMENS

- SPECIMEN TYPE:** Refrigerate body fluids and send fresh in a sealed container. Fine needle aspirates may be sent fresh or in Cyto Rich Red fixative; samples must be refrigerated and sent to Pathology as soon as possible.
- INSTRUCTIONS:** If there is any question as to the proper handling of any given specimen, notify the pathologist on-call (available 24 hours/day). All specimens should be accompanied by a requisition slip.
- AVAILABLE:** Monday – Friday 7:30 a.m. – 4:00 p.m.,

CYTOPATHOLOGY INTRAOPERATIVE CONSULTATION (ONSITE ADEQUACY)

- INSTRUCTIONS:** A pathologist or cytotechnologist is available to assist with fine needle aspiration preparation and rapid onsite adequacy evaluation. Please notify the laboratory of onsite adequacy request for by calling 410-225-8460 or faxing a "Request For Intraoperative Consultation" form to 410-523-4023 prior to the procedure.
- AVAILABLE:** Monday - Friday 8:00 a.m. – 4:00 p.m. Available at all other times, with notification of Pathologist on-call.

HEMATOPATHOLOGY

BONE MARROW ASPIRATE/BIOPSY

- INSTRUCTIONS:** A bone marrow collection kit with appropriate media and instructions is available in the laboratory. Aspirate approximately 0.5 ml of marrow each into 1 lavender top EDTA tube and 2 green top Heparin tubes – gently invert each tube 8-10 times to inhibit clotting. Also send one lavender top EDTA tube with peripheral blood for CBC. Bone marrow biopsy and clot section should be collected in formalin. Bring all specimens to MTC Laboratory immediately at room temperature for STAT transfer to UMMC Hematology lab for specimen processing.
- AVAILABLE:** Specimens must be received by 3:00 PM Monday - Friday to allow time for transport and processing at UMMC. For questions regarding bone marrow aspiration, please contact Fallon Wynn in the MTC laboratory at 410-225-8460.