Lab:	Number:	Location:
MCD Pathology Laboratory	319-339-3205	Medical Center Downtown Iowa City
MCNL Path Lab - Main Lab (Specimen Control)	319-485-0400	2318A 2 nd Floor, elevator C, Hours: 24/7, including Holidays
MCNL Core Lab	319-485-0434	2318A (call Main Lab if no answer)
MCNL Microbiology Lab	319-485-0452	2318A-10, (call Main Lab if no answer)
MCNL Surgical Pathology/Frozen Section Lab	319-485-0461	2318A-9, Hours: M-F 0800-1630
(page 3265 if no answer)	319-485-0473	Call for after-hours frozen/touch preps prior to lab close
MCU Bone Marrow	319-356-2543	Techs available for procedures M-F 0800-1530
MCU Core/Specimen Control	319-356-3527	6240 Roy Carver Pavilion, Hours: 24/7, including Holidays
MCU Cytology	319-356-2517	5222 Roy Carver Pavilion, next door to Elevator EE, Hours M-F
		0730-1630
MCU Eye Pathology	319-335-7672	Hours: M-F 0800-1700. MOR, ASC & SFCH send to Surg Path.
		Eye Path picks up daily at 1430.
		233 2 nd Floor Medical Research Center (MRC)/Gen Hospital East
MCU Flow Cytometry	319-467-6009	6240 Roy Carver Pavilion, Hours M-F 0800-1630
	319-467-6010	
MCU Microbiology	319-356-2591	6004 Boyd Tower General Hospital, Hours: 24/7, including Holidays
MCU Surgical Pathology/Frozen Section	319-356-1859	5804 John Pappajohn Pavilion, Hours: M-F 0730-1900
Resident on call - Surgical Pathology: MCU/MCNL	Pager #3265	

Specimen Type:	Lab Drop Off Location & Test To Order:	Collection Container:
Abscess: Swab (suboptimal)	Lab Location: Micro Order Category: Micro Tests: Aerobic culture Anaerobic culture AFB culture (Not Available, will be cancelled) Fungal culture	Eswab Required: PS74541
Bile Duct Brushing:	Lab Location: Cytology Order Category: Cytology is Source Test: Cytology Non GYN Exam	Brushes: Call Digestive Health Clinic for supply ConMed Disposable Gastrointestinal Cytology Brush OR Colonoscope Cytology Brush
Body Fluids / Abscess / Aspirate: Bile Pericardial Peritoneal Pleural	Lab Location:MicroOrder Category:MicroTests:Aerobic culture (includes Gram Stain)Anaerobic cultureAnaerobic cultureAFB cultureFungal culture	Sterile Container: PS908510 For aspirates going to Micro in a sterile container, Do Not Add saline or formalin.
Body Fluids / Abscess / Aspirate:	Lab Location: Cytology Order Category: Cytology is Source Test: Cytology Non GYN Exam	Tubes or containers: PS907087 (Canister 1200cc) & PS908510 (Cup) Image: Container state of the st
<u>Blood / Body Fluid</u> <u>Exposure - Source</u> <u>Patient Labs:</u>	Lab Location: Core Order Category: Follow STICK Procedure Tests: Hepatitis B Surface Antigen (HBsAG) Hepatitis C Antibody (HCA) HIV Antigen-Antibody Combo	Light Green PST Tube: PS907695 At Charge RN Desk

Bone:	Lab Location: Micro Order Category: Micro Tests: Aerobic culture Anaerobic culture Anaerobic culture AFB culture Fungal culture Fungal culture Surg Path Order Category: Surg-Path	Anaerobic Tissue Transport Media: PS59547 Set bone on top of the media.
Bone Marrow (AFTER HOURS ONLY):	Lab Location: Bone Marrow Lab Order Category: See Path Handbook	Bone Marrow Examination (uiowa.edu) Solid bone core: Place in formalin. Liquid aspirate: Place in EDTA.
CSF: Part 1 of 2 Lumbar Puncture Shunt Ventricular Trap	Lab Location: MicroOrder Category: MicroTests: Must choose option LP, Shunt, or VT.Aerobic cultureAnaerobic cultureAFB cultureFungal cultureCryptococcal Antigen	Tubes (send 1 tube with 1 sticker): PS number below. 1922256 1922256 Tray Lumbar Puncture Pediatric 22G x 1.5" 1922257 Tray Lumbar Puncture Adult 20G X 3.5" 1922258 Tray Lumbar Puncture Tray Adult 22G X 3.5"
CSF: Part 2 of 2	Lab Location: Core Order Category: CSF Tests: Cell Count – sticker 1 Total Protein & Total Glucose – sticker 2	Tubes (send 1 tube with both stickers): PS number below. 1922256 Tray Lumbar Puncture Pediatric 22G x 1.5" 1922257 Tray Lumbar Puncture Adult 20G X 3.5" 1922258 Tray Lumbar Puncture Tray Adult 22G X 3.5"
D&C/Products of Conception/Fetus:	Lab Location: Surg Path Order Category: Surg-Path *under 20 weeks (19 and 6/7 days) Lab Location: DCC Order Category: No order needed *20 weeks and up	Surg Path Containers: PS Numbers below Type the age in the description field after the specimen name. Can use formalin prefills is no special testing is required. PS# 151875 PS# 151875 PS#906907 PS#97221 1000ml PS#97221 1000ml PS#97221 1000ml PS#97220 120ml

<u>Diaphragmatic</u> <u>Smears:</u>	Lab Location: Cytology Order Category: Cytology is Source Test: Cytology Non GYN Order	Surg Path Containers: place slides/smears into container. PS Numbers below Empty Non-sterile PS# 151875 PS#97221 180ml PS#97222 1000ml	
<u>Discarded Items:</u> Pannus Teeth	None	Document removal in "Other Category" and dispose of in appropraite biohazardous waste receptacle.	
EM (Electron Microscopy) or Immunopathology Specimens: Tissue	Lab Location: Surg Path Order Category: Surg-Path Fresh. DO NOT ADD FORMALIN! Minimal saline or saline soaked gauze or Telfa. Call the Surg Path Lab for collections taking place after-hours to obtain vials of fixative. Fixatives needed: EM – Glutaraldehyde Immuno – Michel's solution	Surg Path Containers: PS Numbers below Empty Non-sterile PS# 151875 PS#906907 86 oz PS#97222 1000ml	
Explanted Batteries/Generators (end of life): Deep Brain Stimulator Neuro Surgery batteries/generators Interstim VAD	Explanted Battery/Generator Bin	 Remove and discard any wires, leads, tissue and clean device with saline or water. Place device in a "biohazard" bag Document disposition of the explanted devices in the "Implant" section. DO NOT attach a patient label to the explanted device or biohazard bag. Place in "Explanted Battery/Generator" bin located in the soiled utility room. 	
Explanted Devices (defective):	Defective Device Bin in soiled utility room	 IF explanted devices or hardware are defective or recalled, follow process for device failure, complete device failure form and safety incident report. Transport device to the relevant location listed below. Main OR – Soiled Utility Room (across from MOR 25) ASC – Nurse Manager or Assistant Nurse Manager SFCH – CHOR Charge Desk LDR – Nurse Manager 	
Explanted Hardware: Explanted screw for culture	Lab Location: Micro Order Category: Micro Tests: Aerobic culture (includes Gram Stain) Fungal culture (includes direct stain)	Anaerobic Tissue Transport Media: PS59547 Set explant on top of the media.	
Eye:	Lab Location: Eye Path	Normal, Routine Processing Frozen Section	

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	Order Category: Eye Pathology Exam <u>Test:</u> Eye Pathology Exam <u>Eye Path will pick up specimens from the</u> <u>Surg Path Lab</u>	PS numbers below. Pre-filled formalin containers PS numbers below. PS numbers below.
<u>Gout:</u>	Lab Location: Surg Path Order Category: Surg-Path DO NOT ADD SALINE! DO NOT ADD FORMALIN!	Surg Path Containers: PS Numbers below. Empty Non-sterile PS# 151875 PS#97221 180ml PS#97222 1000ml DO NOT add saline or formalin. Fixed in 100% ETOH only.
Limb / Amputation:	Lab Location: Surg Path Order Category: Surg-Path	 Wrap limb in stockinette on surgical field and "Back Table Cover" and attached a BioHazard Sticker. Send as a "Permanent Specimen".
<u>Lymph Node Panel</u> <u>Part 1 of 2:</u>	Lab Location: Micro Order Category: Micro Tests: Aerobic Anaerobic AFB Fungal	Anaerobic Tissue Transport Media: PS59547 Set tissue on top of media.
<u>Lymph Node Panel</u> <u>Part 2 of 2:</u>	Lab Location: Surg Path Order Category: Surg Path DO NOT ADD FORMALIN! If Flow Cytometry (i.e. core/excisional biopsy) ordered, Surg-Path will forward specimen to Flow Cytometry. circulator should enter the order. Lab Location: Flow Cytometry Order Category: Flow Cytometry Test: Flow Cytometry Analysis Description Field: Enter specimen and anatomical location.	 Surg Path Approved Containers: PS numbers below. Empty Non-sterile PS# 151875 PS#97221 B6 oz PS#97222 180ml Is00ml PS#97222 Is00ml Is00ml PS#97222 B6 oz PS#97222 PS#97222 B86 oz PS#97222 PS#97222 PS#97222 PS#97222 PS#97222 Is00ml PS#97222 PS#97224 PS#97224 PS#9724 <l< td=""></l<>

Muscle: (tissue for <u>Muscular</u> <u>Dystrophy</u> only)	Lab Location: Surg Path Order Category: Surg Path DO NOT ADD FORMALIN! DELIVER TO LAB ASAP!	 Requires BOTH clamped and unclamped portions of muscle. Place BOTH clamped & unclamped biopsies in the same container. Place BOTH biopsies on saline soaked Telfa.
Pap Smear:	Lab Location: Cytology Order Category: Cytology Test: Cytology GYN Exam – Pap Test	Containers: Gyn SurePath Pap Test: PS155174
Parathyroid Post Excision Blood Draws:	Lab Location: Core Order Category: Manage Orders Tests: see directions & follow times per order • When collecting blood samples, if prompted, you must print & scan a patient stickman label.	PTH (pink top tube): Epic Beaker PTH Orders: 1. Enter orders: a. Baseline (Lab 5806) - PTH INTRAOP #1 BASELINE b. Excision & Post Excision (LAB633) - change Frequency to PRN (from ONCE). PRN allows the Circulator to print & collect multiple specimens at multiple times by clicking the blue hyperlink reorder #. i. PTH INTRAOP #2 AFTER EXCISION ii. PTH INTRAOP #3 AT # MINUTES POST-EXCISION iii. PTH INTRAOP #4 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION ii. PTH INTRAOP #5 AT # MINUTES POST EXCISION iii. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION v. PTH INTRAOP #5 AT # MINUTES POST EXCISION
<u>Peritoneal</u> <u>Washings:</u>	Lab Location: Cytology Order Category: Cytology is Source Test: Cytology Non-GYN Exam	Tubes or containers: PS907087 (Canister 1200cc) Image: Containers: PS907087 (Canister 1200cc)
Prosthetic Joint: Aspirate	Lab Location: Core Order Category: Core Tests: Cell Count	Cell Count (purple top tube): PS907688

Prosthetic Joint: Aspirate	Lab Location: Core Order Category: Core Tests: Synovasure (Alpha Defensin)	Synovasure (clear top vacuum tube, no additive): PS924322(upper) and PS75971 (lower)
Prosthetic Joint: Tissue	Lab Location: Micro Order Category: Micro Aerobic culture Anaerobic culture AFB culture Fungal culture	Anaerobic Tissue Transport Media: PS59547 Set tissue on top of the media.
Prosthetic Joint: Aspirate/Fluid	Lab Location: Micro Order Category: Micro Aerobic culture Anaerobic culture AFB culture Fungal culture	Tubes (send 1 tube with both stickers): PS number below. 1922256 Tray Lumbar Puncture Pediatric 22G x 1.5" 1922257 Tray Lumbar Puncture Adult 20G X 3.5" 1922258 Tray Lumbar Puncture Tray Adult 22G X 3.5"
Research / Children's Oncology Group (COG):		Document removal in "Other Category" Residents will take care of specimen collection. Consider placing patient label on the container.
Respiratory: Trach aspirate Sputum Bronchoalveolar lavage Bronchial washing Sinus aspirate	Lab Location: Micro Order Category: Micro Respiratory culture (Qualitative) AFB culture (Not Available, will be cancelled) AFB culture Fungal culture	Sterile Sputum Trap Containers: Sinus Trap (Remove trap and send White Cap Container): PS25022

Respiratory:	Lab Location: Surg Path	Trap Containers:
Tissue	Order Category: Surg Path	Sinus/Trach Trap: Send inside Surg Path Approved Container. PS numbers below. Label outside container. Empty
	Remove lid from suction trap. Place both lid and container inside a Surg Path approved container.	Non-sterile
<u>Stones:</u>	Lab Location: Core (not Surg Path) Order Category: Enter in Manage Orders <u>Test:</u> Stone Analysis	Sterile Container: PS908510 Send all stones dry.

Sural Nerve Biopsy:	Lab Location: Surg Path Order Category: Surg-Path DO NOT ADD FORMALIN!	Surg Path Containers PS Numbers below: Empty Non-sterile PS# 151875 86 oz PS#97221 180ml PS#97222 1000ml	 Fresh on saline-moistened Telfa, not floating in saline, in a Surg Path approved container. DO NOT ADD FORMALIN! Apply green "SPECIMEN IN SALINE" label. If the neurosurgeons are not sure that they biopsied the nerve, they can ask Pathology to do a frozen section for tissue identification. If Frozen, apply pink label.
Temporal Artery:	Lab Location: Eye Path Order Category: Eye Pathology Exam Test: Eye Pathology Exam Eye Path will pick up specimens from Surg Path	Normal, Routine Processing PS numbers below. Prefills Non-sterile Ps#97218 20ml 40ml 40ml 40ml Ter-filled formalin containers	Frozen Section PS numbers below. Empty Non-sterile PS# 151875 PS# 9502 PS# 97221 180ml PS# 97222 1000ml PS# 9722 1000ml PS# 972 1000ml PS# 972 1000ml

Tissue: (i.e. Sinus) Tissue:	Lab Location: Micro Order Category: Micro Tests: Aerobic culture Anaerobic culture AFB culture Fungal culture Quantitative tissue culture (includes Aerobic culture) Deep wound culture (includes Aerobic and Anaerobic) Lab Location: Surg Path	Anaerobic Tissue Transport Media: PS59547 Tissue should sit on top of the media. Do Not Add Formalin.
(Any organ / solid tissue removed from the body i.e. kidney, lung, parathyroid, uterus)	<u>Order Category</u> : Surg-Path Frozen section – rapid intraoperative diagnosis **requires fresh, unfixed tissue (apply a pink "frozen section" label Touch Prep – another method of a rapid intraoperative diagnosis **requires fresh tissue (apply a blue "touch prep" label) Fresh / Permanent / Routine processing – normal process, takes several hours to render diagnosis (*optimal results*) (apply a green saline label before 7p)	Surg-Path Containers: - Use minimal saline to moisten sample. Do not allow sample to "swim" in saline
Urine: Cath (straight, indwelling) Clean Catch (midstream) Cystoscopy Ostomy Nephrostomy Suprapubic Cystoscopy Ureter	Lab Locations: Core (Urinalysis) & Micro (Urine Culture) Order Category: Urine Tests: Urinalysis (yellow tube) Order Category: Micro Order Category: Micro Tests: Urine Reflex Culture (gray tube)	Sterile White Cap Container (in Urinary Catheter Kits):
Urine: Cath (straight, indwelling Foley) Clean Catch (midstream) Cystoscopy Ostomy Nephrostomy Suprapubic Cystoscopy Ureter	Lab Location: Micro Order Category: Micro Tests: Urine culture (Aerobic) AFB culture Fungal culture	Sterile White Cap Container (in Urinary Catheter Kits):

<u>Urine:</u>	Lab Location: Micro Order Category: Micro Tests: Urine Culture for Chlamydia and Gonorrhea	Sterile White Cap Container (in Urinary Catheter Kits):
<u>Vaginal Mesh</u>	Lab Location: Surg Path Order Category: Surg-Path Test: Mesh Gross Only	Surg Path Containers: PS Numbers below Empty Non-sterile PS# 151875 PS#97221 180ml PS#97222 1000ml
Wound/Burn: Aspirate	Lab Location: Micro Order Category: Micro Aerobic culture Anaerobic culture AFB culture Fungal culture	Anaerobic Tissue Transport Media: PS59547 Use if Anaerobic ordered alone or with other cultures. Tissue should sit on top of the media.
Wound/Burn: Swab (suboptimal)	Lab Location: Micro Order Category: Micro Aerobic culture Anaerobic culture AFB culture (Not Available, will be cancelled) Fungal culture	Eswab Required : PS74541

All specimen containers for the Surg Path Lab require a sticker:

- All stickers are created in the MOR/ASC/SFCH/MCNLOR except:
- "10% Formalin" from Surg-Path
- "Radioactive" maybe from Special Order per department supply chain personnel

Saline versus Formalin Directions from Surg Path:

- Saline MCU: Monday through Friday from 0730-1900 (normal operating hours).
 - FRESH or SPECIMEN IN SALINE (Green): Circulator labels to indicate specimen is fresh or in saline. For normal, routine processing.
 - Amount of Saline to be used:
 - Use minimal saline (do not allow tissue to "swim" in saline).
 - Small pieces of tissue should be wrapped in saline soaked gauze or Telfa.
- Saline MCNL: Monday through Friday from 0800-1630 (SP Lab normal operating hours).
 - <u>FRESH or SPECIMEN IN SALINE (Green)</u>: Circulator labels to indicate specimen is fresh or in saline. For normal, routine processing.
 - Amount of Saline to be used:
 - Use minimal saline (do not allow tissue to "swim" in saline).

- Small pieces of tissue should be wrapped in saline soaked gauze or Telfa.
- Formalin MCU: Monday through Friday weekday nights (1900-0730), weekends and Holidays
 - <u>"Add Formalin" (Yellow):</u> Circulator labels to notify Nursing Assistant to add formalin when arriving to Surg Path Door.
 - <u>"10% FORMALIN" (Yellow/Orange):</u> Nursing Assistants to apply to formalin filled containers in the Surg Path Lab.
 - o Labels are not needed for pre-filled formalin containers.
- Formalin MCNL: Monday through Friday weekday nights (1630-0800), weekends and Holidays
 - o <u>"Add Formalin" (Yellow):</u> Circulator labels to notify Lab Generalists to add formalin when arriving to Surg Path Door.
 - <u>"10% FORMALIN" (Yellow/Orange):</u> Apply to formalin filled containers in the Surg Path Lab.
 - Labels are not needed for pre-filled formalin containers.

Other:

- FROZEN SECTION (Pink): For rapid intraoperative diagnosis. Do not add formalin.
- TOUCH PREP: Additional method for intraoperative diagnosis. Do not add formalin.
- <u>RADIOACTIVE (Yellow & Red)</u>: place on <u>ALL</u> radioactive specimen containers and additional containers from the same patient.

Lab Stickers: *DO NOT place these stickers on Core Lab specimens *DO NOT cover patient information or Beaker label barcode



MCU Pathology Specimen Transport Map

