Lab:	Number:	Location:
Bone Marrow	356-2543	Techs available for procedures M-F 0800-1530
Core/Specimen Control	356-3527	6240 Roy Carver Pavilion, Hours: 24/7, including Holidays
Cytology	356-2517	5222 Roy Carver Pavilion, next door to Elevator EE, Hours M-F 0730-1630
Eye Pathology	335-7672	Hours: M-F 0800-1700. MOR, ASC & SFCH send to Surg Path. Eye Path picks up daily at 1430. 233 2nd Floor Medical Research Center (MRC)/Gen Hospital East
Flow Cytometry	467-6009 / 7-6010	6240 Roy Carver Pavilion, Hours M-F 0800-1630
Microbiology	356-2591	6004 Boyd Tower General Hospital, Hours: 24/7, including Holidays
Surgical-Pathology	356-1859	5804 John Pappajohn Pavilion, Hours: M-F 0730-1900
Surgical-Pathology Resident on-call	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:	<u>Lab Location:</u> 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: Micro Order Category: Micro Tests: Aerobic culture (includes Gram Stain) Anaerobic culture AFB culture Fungal 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)  Empty Non-sterile PS# 151875 PS#97221 1000ml
Blood / Body Fluid Exposure - Source Patient Labs:	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	Anaerobic Tissue Transport Media: PS59547 Set bone on top of the media.
	Tests: Aerobic culture Anaerobic culture AFB culture Fungal culture	ANAPROBLES YSTEMS  PROBLEMENT CIVIL SYSTEMS  PROBLEMENT CIVIL SYSTEMS  PROBLEMENT CIVIL SYSTEMS  PROBLEMENT SYSTEMS  PROBLEMEN
Bone:	Lab Location: Surg Path Order Category: Surg-Path	Surg Path Containers: PS Numbers below  Empty Non-sterile  PS# 151875  PS#99171  PS# 99173 (lid)
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: Micro Order Category: Micro Tests: Must choose option LP, Shunt, or VT. Aerobic culture Anaerobic culture AFB culture Fungal culture Cryptococcal Antigen	Tubes (send 1 tube with 1 sticker): 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"
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.  Empty Non-sterile PS# 151875 PS#97222 1000ml

<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  Empty Non-sterile  PS# 151875  PS#97222 1000ml	
Discarded Items: Pannus Teeth	None	Document removal in "Other Category" biohazardous waste receptacle.	and dispose of in appropraite
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 or water.  - Place device in a "biohazard" bag - Document disposition of the explanter.  - DO NOT attach a patient label to the Place in "Explanted Battery/Generator room.	d devices in the "Implant" section. explanted device or biohazard bag.
Explanted Devices (defective):	Defective Device Bin in soiled utility room (across from MOR 25)SFCH or ASC?	- IF explanted devices or hardware are for device failure, complete device fail Transport device to the relevant locatio  • Main OR – Soiled Utility Roo  • ASC – Nurse Manager or As  • SFCH – CHOR Charge Desk  • LDR – Nurse Manager	ure form and safety incident report. on listed below. m (across from MOR 25) sistant 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: PS Set explant on top of the media.  ANABROBIC TISSUE TRANSPORTED TO THE PS CONTROL OF	ESYSTEMS COMP A MODEL OF THE PROPERTY OF THE P
Eye:	Lab Location: Eye Path Order Category: Eye Pathology Exam Test: Eye Pathology Exam  Eye Path will pick up specimens from the Surg Path Lab	PS numbers below.  Prefills  Non-sterile  PS#97218 20ml  PS#97220 120ml  Pre-filled formalin containers	PS# 151875 PS#97222  In Surg Path approved container, with minimal saline pink "FROZEN SECTION" label

Gout:	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  DO NOT add saline or formalin. Fixed in 100% ETOH only.
Limb / Amputation:	<u>Lab Location</u> : Surg Path <u>Order Category</u> : Surg-Path	<ul> <li>Wrap limb in stockinette on surgical field and "Back Table Cover" and attached a BioHazard Sticker.</li> <li>Send as a "Permanent Specimen".</li> </ul>
Lymph Node Panel Part 1 of 2:	Lab Location: Micro Order Category: Micro Tests: Aerobic Anaerobic AFB Fungal	Anaerobic Tissue Transport Media:  Set tissue on top of media.  ANAEROBE SYSTEMS  MANAEROBE SYSTEMS  MANAERO
Lymph Node Panel Part 2 of 2:	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#97222 1000ml  Fresh on saline-moistened Telfa, not floating in saline, in a Surg Path approved container.  DO NOT ADD FORMALIN!  For frozen section, apply pink "FROZEN SECTION" label.  For touch prep, apply blue "TOUCHPREP" label.  For normal processing, apply green "SPECIMEN IN SALINE" label.
Muscle: (tissue for Muscular Dystrophy only)	Lab Location: Surg Path Order Category: Surg Path  DO NOT ADD FORMALIN! DELIVER TO LAB ASAP!	<ul> <li>Requires BOTH clamped and unclamped portions of muscle.</li> <li>Place BOTH clamped &amp; unclamped biopsies in the same container.</li> <li>Place BOTH biopsies on saline soaked Telfa.</li> </ul> Unclamped wrapped in 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  iv. PTH INTRAOP #5 AT # MINUTES POST EXCISION  2. Send specimen immediately to Core Lab. Must be hand delivered to Lab. Instruct that that it is an intra-op stat rapid PTH.
Peritoneal Washings:	Lab Location: Cytology Order Category: Cytology is Source Test: Cytology Non-GYN Exam	Tubes or 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:  Set tissue on top of the media.  ANAEROBE SYSTEMS  Margan Bill CA 20007  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-169-13  FINAEROBIC TISSUE TRANSPORT  SURGERY PRICE  CONT 1893/15 CP 169-16

<u> </u>	<u> </u>	
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  Trach Trap: PS116528  Sterile Container: PS908510 For aspirates going to Micro in a sterile container, Do Not Add saline or formalin.
Respiratory: Tissue	Lab Location: Surg Path Order Category: Surg Path	Trap Containers:  Sinus/Trach Trap: Send inside Surg Path Approved Container. PS numbers below. Label outside container.
	Remove lid from suction trap. Place both lid and container inside a Surg Path approved container.	Empty Non-sterile  PS# 151875 86 oz  PS#97221 180ml  PS#97222 1000ml

Stones:

**<u>Lab Location</u>**: **Core** (not Surg Path)

Order Category:

Enter in Manage Orders

Test:

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:



- 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.



Pre-filled formalin containers

Frozen Section



- In Surg Path approved container, with minimal saline pink "FROZEN SECTION"

#### Tissue: (i.e. Sinus)

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 Tissue:

Anaerobic Tissue Transport Media: PS59547

Tissue should sit on top of the media. Do Not Add Formalin.



Surg-Path approved containers: PS Numbers below

(Any organ / solid tissue removed from the body i.e. kidney, lung, parathyroid, uterus)

Order Category: Surg-Path

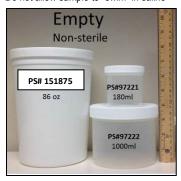
**Frozen section** – rapid intraoperative diagnosis \*\*requires fresh, unfixed tissue (apply a pink "frozen section" label

**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 <u>Lab Locations</u>: Core (Urinalysis) & Micro (Urine Culture)

Order Category: Urine

<u>Tests</u>: Urinalysis (yellow tube)

Order Category: Micro

Tests: Urine Reflex Culture (gray tube)

Sterile White Cap Container (in Urinary Catheter Kits):



BD Vacutainer, No Additive: PS91900 (left) and PS91901 (right)





**Urine:** 

Cath (straight, indwelling Foley) Clean Catch (midstream) Cystoscopy Ostomy Nephrostomy Suprapubic Cystoscopy Ureter

<u>Lab Location</u>: Micro Order Category: Micro

Tests:

Urine culture (Aerobic)

AFB culture
Fungal culture

Sterile White Cap Container (in Urinary Catheter Kits):



BD Vacutainer, No Additive: PS91900 (left) and PS91901 (right)





**Urine:** 

Lab Location: Micro

Order Category: Micro

Tests:

Urine Culture for Chlamydia and

Gonorrhea

Sterile White Cap Container (in Urinary Catheter Kits):



Vaginal Mesh	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.    Image: Container: PS908510   For aspirates going to Micro in a sterile container, Do Not Add saline or formalin.
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 except:

- "10% Formalin" from Surg-Path
- "Radioactive" from Special Order per department supply chain personnel.

#### **Saline versus Formalin Directions from Surg Path:**

- Saline Monday through Friday from 0730-1900 (normal operating hours).
  - o SPECIMEN IN SALINE (Green): Circulator labels to indicate specimen is in saline. For normal, routine processing.
  - o 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 Monday through Friday weekday nights (1900-0730), weekends and Holidays
  - o <u>"Add Formalin" (Yellow):</u> Circulator labels to notify Nursing Assistant to add formalin when arriving to Surg Path Door.
  - "10% FORMALIN" (Yellow): Nursing Assistants to apply to formalin filled containers in the Surg Path Lab.

#### Other:

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

<u>Lab Stickers: \*DO NOT place these stickers on Core Lab or Cytology specimens</u> \*DO NOT cover patient information or Beaker label barcode

