Source/tissue type	Procedure	Fixative	Notes
Amputation	Limb amputation	Fresh or formalin	Refrigerate if fresh Specimens too large for formalin containers should be double bagged in appropriately labeled red biohazard bags
Amputation	Amputation for disposal		ED ONLY (do not submit to Pathology)
Bone Marrow	Lumbar tap	Aspirate: 1-2 mL in EDTA lavender CORE: B+ fixative	
Bone	Biopsy	Fresh or formalin	Deliver to Histology immediately
Brain biopsy	Craniotomy	Fresh or formalin	Fresh – use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Colon Resection	Colectomy	Formalin	
Cyst	Excisional biopsy	Formalin	
Endomyocardial/Heart biopsy	Heart biopsy	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Eye	Orbitotomy	Tumor – Fresh Other – formalin	Fresh use sterile gauze or Telfa® saturated with saline

Source/tissue type	Procedure	Fixative	Notes
Filum	Tissue debridement	Formalin	
GI biopsy	Esophagogastroduodenoscopy (EGD)	Formalin	Use the Permaloc™ Formalin containers
Hair	Hair pull	Fresh	
Kidney biopsy (Transplant/Native)	Kidney biopsy Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Liver biopsy (Transplant/Native)	Liver biopsy Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Lung	Needle biopsy – Percutaneously, bronchoscopy, open surgery Requires 2-3 cores minimum	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Lung	Wedge biopsy with mass	Fresh Place each specimen/resection in a separate container	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Lung	Wedge biopsy for interstitial disease	Fresh Place each specimen/resection in a separate container	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately

Source/tissue type	Procedure	Fixative	Notes
Lung	Lobectomy	Tumor – Fresh Other – Formalin	Deliver to Histology immediately
Lymph node	Needle core biopsy	Lymphoma work up – Fresh All others - Formalin	Fresh – use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Lymph node	Excision	Lymphoma work up – Fresh All others - Formalin	Fresh – use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Lymph node	Staging - Lymphadenectomy	Formalin	
Muscle – biopsy	Biopsy	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Nail	Nail clippings	Fresh	
Nerve – Sural (sensory)	Requires 13 mm or 2 cm length	Fresh	Place specimen on a glass slide maintaining straight orientation. Place slide in a petri dish containing sterile gauze saturated with saline. Deliver to Histology immediately

Source/tissue type	Procedure	Fixative	Notes
Placenta		Fresh or formalin	Refrigerate if fresh Indicate when it is a twin or triplet
Tumor	Mass excision	Fresh	Use sterile gauze or Telfa® saturated with saline Deliver to Histology immediately
Skin – Punch biopsy for Immunofluorescence	Punch biopsy The ideal skin specimen is a 2-3mm punch biopsy adjacent to the blister	Michel's transport media	
Skin – Punch biopsy	Punch biopsy	Formalin	
Skin – Excisional biopsy	Excisional biopsy	Formalin	