

Biopsy & Pathology Study Table

Site (ordered by ease)	Evidence	Biopsy Completed?	Sample Still Available for Further Use?	S100 Stain	CD1a Antigen	Electron Microscopy for Birbeck Granules	Pro	Con
Scalp 1 (Side of Head)	Visible	Yes		Yes	Maybe	No, Not enough material Parpared Incorrectly	Easy to Get / Done	No Stain Result
Scalp 2 (Top of Head)	Visible	Yes		Yes	Maybe	NO, NOT enough material	Easy to Get / Done	No Stain Result
Lymph Nodes in Groin	CT	Yes		Yes	Maybe	?	Easy to Get / Done	No Stain Result
Orbit Flesh	MRI / CT	?	Sampled, but not frozen	No	No	No	Most Common Method?	Did not know about at 1st surgery, Did not see bone issue until too late (brain surgery)
Orbit Bone	CT	No		-	-	-	Most Common Method	Did not know about at 1st surgery, Did not see bone issue until too late (brain surgery)
Brain (Largest Tumor)	MRI	Yes	10 samples	X		Often Do Not Show	Large Size of Site / Done	Difficult to stain, difficult pathology, looks like a 'fat' macrophage / Langerhans cells not present / Damage to Brain
Brain (Smaller Tumors)	MRI	No		-	-	-	None	Difficult to stain, difficult pathology, looks like a 'fat' macrophage / Langerhans cells not present / Damage to Brain
Lung	CT	No		-	-	-	Do not damage the brain	Long recovery & subsequent delayed chemo / Too small to easily get
Thymus	CT	No		-	-	-	?	?
Blood	?	?					?	?
Bone Marrow	None	Yes					Easy - No problems found	
Other Bones / Long Bones	None (X-Ray)						Easy / X-Ray Skeletal Survey	
Liver	None (CT)							
Spleen	None (CT)							
GI	None							