

Storage of tissue in -70 degree freezer

(13.12 -70_degree_storage); Created July 13th, 2020 by Jeremy Deisch, MD

- Fresh, unfixed tissue may be stored in the in the -70 degree for:
 - Research protocols
 - Tumor banking
 - Send-out studies (needle washouts, muscle tissue for enzyme histochemistry)
- For proper storage of samples, the following steps must be followed:
 - Use only the **small specimen vials** (required for proper storage); larger specimen vials cannot be properly stored
 - Label container with **patient name** and **accession number**
 - Log required case information onto -70 specimen log (located on the left side of the freezer) - Do not leave this up to histology personnel to go behind you to complete. This is the responsibility of the person placing the tissue in the freezer.
 - Place specimens in the “specimen” box on the second shelf in the -70 freezer (located in histology).
 - Always close door completely (and lock securely) after accessing freezer



- Important Points:

- Specimen retention period is **12 months from the date of procedure**; for longer retention, arrange with histology lab manager
- Inadequate labeling of specimens will result in immediate specimen disposal (if proper identity cannot be determined)
- Failure to use small specimen vial (as pictured above) will result in specimen disposal earlier than the standard retention period. If longer retention is needed, the case pathologist assumes the responsibility for transferring the tissue to a proper small specimen vial

-70 freezer - Tissue Storage Log Bo

-70 °C Freezer Tissue Storage Log Book

DATE	SURGICAL (AUTOPSY NUMBER)	AMOUNT OF VIALS	FILE LOCATION	TISSUE TYPE	DIAGNOSIS/ COMMENTS
2/1/19	19ms 15411	2	Box 1		
5/31/19	19ms 827c	1	Box 2		
11	19ms 8136	1	Box 2		
9/4/19	19ms 13177	1	Box 3		
11	19ms 13686	1	3		
11/20/19	19ms 17730	1	3		
3/26/20	ms20 4400	1	3		
4/1/20	ms20 4400	1	3		
4/1/20	ms20 4400	1	3		