###### Purpose

To provide a procedure for the dissection of a resected portion of brain for a tumor.

1. **Principle**

To take histologic sections to demonstrate any possible pathologic process present so that a diagnosis can be made microscopically by a Pathologist.

###### Equipment

1. Ruler
2. Forceps
3. Scalpel
4. **Safety**
5. **PPE** should be worn.
6. **FORMALIN** is a known carcinogen.
7. **Supplies and Reagents**
8. **10% NEUTRAL BUFFERED FORMALIN** (pH range 6.9 – 7.2)
9. **Quality Control**

All remaining tissue should be retained.

1. **Limitations/ Notes**

The following may influence the validity of test results:

1. The specimen should be fixed in formalin.
2. For optimal results, the specimen should be fixed overnight.
3. **Procedure**
4. Measure the specimen (3 dimensions – cm.).
5. If multiple portions of tissue are present, measure the specimen as an aggregate (3 dimensions – cm.).
6. Describe the color and consistency of the specimen.
7. Serially section the specimen and describe the cut surfaces.
8. The specimen should be submitted entirely.
9. If submitting the entire specimen will exceed 10 cassettes, consult the Neuropathologist assigned to the case as to how much tissue should be submitted.
10. If CUSA contents, Sonopet contents, or mucus trap contents are received with the specimen, submit 2 cassettes.
11. The cassette(s) should be loaded on the appropriate end of day tissue processor.
12. **References**
13. Hruban RH, Westra, WH, Phelps, PH, & Isacson, C: Surgical Pathology Dissection An Illustrated Guide, New York, NY, Springer-Verlag Inc., 1996.
14. Lester, SC: Manual of Surgical Pathology, New York, NY, Churchill

Livingstone, 2001.

1. **Authorized Reviewers**
2. Medical Director, Anatomic Pathology
3. Chief, Surgical Pathology

##### Document Control

##### Location of Master: Master electronic file stored on the Beaumont Laboratory server under

S:\ AP\_Grossing\_Manual

**Number of Controlled Copies posted for educational purposes: 0**

**Number of circulating Controlled Copies: 1**

**Location of circulating Controlled Copies:** Master Grossing Manual located in Surgical Pathology

##### Document History

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| --- | --- | --- | --- | --- |
| Signature | Date | **Revision #** |  | **Related Documents**  **Reviewed/**  **Updated** |
| Prepared by: *Anne Tranchida PA(ASCP)* | 09/28/2007 | **r00** |  |  |
| Approved by: *Ali-Reza Armin, MD* | 11/28/2007 | **r00** |  |  |
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| **Reviewed by: (Signature)** | **Date** | **Revision #** | **Modification** | **Related Documents**  **Reviewed/**  **Updated** |
| *Ali-Reza Armin,MD* | 12/10/2008 | **r00** |  |  |
| *Anne R. Tranchida,PA(ASCP)* | 10/20/2009 | **r00** |  |  |
| *Ali-Reza Armin,MD* | 10/20/2011 | **r00** |  |  |
| *Ali-Reza Armin,MD* | 04/03/2013 | **r00** |  |  |
| *Mitual B. Amin,MD* | 02/14/2015 | **r00** |  |  |
| *Zhenhong H. Qu, MD* | 03/14/2015 | **r00** |  |  |
| *Kurt Bernacki, MD* | 10/27/2017 | **r00** |  |  |
| Revised by: *Heather Genson, HTL(ASCP)CMPACM* | 03/21/2019 | **r01** | Added to submit 2 cassettes for CUSA, sonopet, or mucus trap contents |  |
| Approved by: *Kurt Bernacki, MD* | 3/21/2019 | **r01** |  |  |
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| *Kurt Bernacki, MD* | 10/20/2021 | **r01** |  |  |
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