

7316-2356

Results**PATHOLOGY SURGICAL**

Name	MRN	DOB	Sex
			Male

Lab Collection Information

Collected:

Component Results

Component

Pathology Surgical (Final)

SPEC #:

COLLECTED:

SUB DR:

PATIENT'S CLIENT ID:

STATUS: SOUT RECEIVED :

*Fibrillary Astrocytoma
Cerebellum***MEDICAL HISTORY**

DOCTOR'S NAME:

PRE-OP DX: BRAIN TUMOR

POST-OP DX:

HISTORY: 16 YEAR OLD WITH TWO MONTH HISTORY OF HA/ATAXIA/VISION
CHANGE. RIGHT CEREBELLAR MASS CT OSH,**TISSUES**

A. CEREBELLUM, NOS - BRAIN TUMOR, B. CEREBELLUM, NOS - BRAIN TUMOR

GROSS DESCRIPTION

A. The specimen labelled "brain tumor" is received fresh and consists of an irregular fragment of soft multinodular hemorrhagic tissue, 4.5 x 4.5 x 2.0 cm. The cut surface has a gelatinous appearance. A portion is frozen in liquid nitrogen and stored in the -70 freezer. A portion is submitted for Cytogenetics. Representative sections are submitted AS FS-A1 and FS-A2. The frozen tissue is fixed in formalin. The remainder is bouin's fixed and entirely submitted.

B. The specimen labelled "brain tumor" is received fresh and consists of two fragments of soft multinodular hemorrhagic tissue measuring 1.0 x 0.7 x 0.5 cm and 3.0 x 1.5 x 0.5 cm. Sectioning reveals gelatinous tan cut surfaces

with a focal area of hemorrhage, 0.8 cm in greatest dimension. Entirely submitted in three cassettes, B1 to B3. KS/dg

FROZEN SECTION DIAGNOSIS

ASTROCYTOMA (CEREBELLUM) WITH PROMINENT NEOVASCULARIZATION.

REPORTED BY:

REPORTED TO:

DATE:

TIME:

ADDITIONAL REPORTED TIMES:

MR#:

MICROSCOPIC DESCRIPTION

A&B. Abundant tissue is available for study. All sections have been stained with H&E.

The tumor is composed of fields of astrocytes with mature nuclei. There is a variable amount of perikaryal substance and some cells have processes. In general the cells are closely arranged but in a few regions there is a looser pattern of growth. Mitotic figures are not seen and there is no well-established necrosis. A prominent vascular component is characterized by many vessels with swollen endothelial cells, glomeruloids and some wicker-works. There are scattered calcium deposits.

Results of immunoperoxidase studies are as follows:

GFAP:	widespread 4+ expression
Factor 8:	widespread 4+ expression in vascular component
NFP:	no expression
Ki67:	most prominent in vasculature; about 1-2% in the tumor

FINAL DIAGNOSIS

ASTROCYTOMA, FIBRILLARY TYPE WITH PROMINENT NEOVASCULARIZATION, 1h.

COMMENT: Whereas this tumor displays no significant cytologic anaplasia the presence of this prominently proliferative vascular component is a matter of considerable concern.

Signed Pathologist's Signature on File:

Order Details

PATHOLOGY SURGICAL - Order Details Information

Result Information

Status	Provider Status
Final result	Ordered

Patient Release Status:

This result is not viewable by the patient.

Order

PATHOLOGY SURGICAL

Order Information

Order Date	Service Oncology	Start Date	Start Time
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Order Providers

Authorizing	Encounter
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Collection Information

Specimen ID:	
Collected Date & Time:	Resulting Agency:
Received:	

Additional Information

[Associated Reports](#)
[View Encounter](#)
[Priority and Order Details](#)
[Collection Information](#)

Order Reprint

PATHOLOGY SURGICAL