

THE WELLESLEY HOSPITAL

160 Wellesley Street E., Toronto, Ontario Canada M4Y 1J3

SURGICAL PATHOLOGY REPORT

Patient:	REAY, JOHN M	Specimen #:	W-2797-97
Chart #:	W0802482	Received:	March 18, 1997
DOB/Age:	27/12/55 41 M	Reported:	April 2, 1997
Physician:	Dr. R. Perrin	Location:	WH INPATIENT
Submitted By:	Dr. R. Perrin		
Copies To:			

SPECIMEN(S) RECEIVED: Part 1: BRAIN BX, QS
Part 2: BRAIN BX.
Part 3: BRAIN BX.
Part 4: BRAIN BX.
Part 5: BRAIN BX.
Part 6: BRAIN BX.
Part 7: BRAIN BX.

CLINICAL DIAGNOSIS AND HISTORY:

Brain tumour. ? metastatic. History of benign nevus removed from chest. No definite history of primary malignancy anywhere.

GROSS DESCRIPTION:

Jar #1 labelled with the patient's bradma and "1" contains small fragments of tissue, a small portion of which is used for smears for quick-section. Submitted as 1A-1B.

Jar #2 labelled with the patient's bradma and "2" contains tiny friable fragments of tissue which are filtered and submitted in toto as 2A.

Jar #3 labelled with the patient's bradma and "3" contains one irregular fragment of light grey tissue which measures 0.5 cm in greatest dimension. In toto as 3A.

Jar #4 labelled with the patient's bradma and "4" contains multiple fragments of dark tan tissue which are filtered and submitted in toto as 4A.

Jar #5 labelled with the patient's bradma and "5" contains multiple tiny fragments of greyish tissue which are filtered and submitted in toto as 5A.

Jar #6 labelled with the patient's bradma and "6" contains one irregular fragment of hemorrhagic tissue which measures 0.5 cm in greatest dimension. In toto as 6A.

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GROSS DESCRIPTION (continued):

Jar #7 labelled with the patient's bradma and "7" contains three small fragments of hemorrhagic tissue which are filtered and in toto as 7A.

CIC/dee

MICROSCOPIC DESCRIPTION:

Sections of the seven specimens show multiple fragmented pieces of grey and white matter. A small isolated focus of a malignant astrocytoma, grade 4 (glioblastoma multiforme) is present in the sections of part 4. A couple of microfoci of the same tumor are present at the edge of a small fragment of white matter in part 4 and in the sections of part 5. There is cellular atypia and vascular endothelial proliferation. There are isolated fragments of necrotic tissue, which are presumed to represent necrotic tumour tissue. Mitotic figures are not found. An interesting finding in this tumour is the presence of numerous granular eosinophilic bodies.

IMMUNOHISTOCHEMISTRY

Interpretation:

The tumour is positive for GFAP.

DIAGNOSIS:

**BRAIN BIOPSIES, PARTS 1 - 7, SITE NOT FURTHER SPECIFIED:
- GLIOBLASTOMA MULTIFORME.**

0-30-8



C.I. Coire, M.D.