

A221 IV: Brain cancer tissues

No	Coordinate		Sex	Age	Key word	Histological Dianosis	Grade
1	A	1,2	m	32	glioblastoma	1. Brain, parietal lobe, right, curettage: glioblastoma with meningeal involvement 2. Dura, excision: extension of glioblastoma.	IV
2	A	3,4	m	61	glioblastoma	Brain mass, right posterooccipital, removal: 1) recurrent glioblastoma 2) radionecrosis of cortex and white matter.	IV
3	A	5,6	m	31	glioblastoma	Brain, 3rd ventricle, removal: glioblastoma.	IV
4	A	7,8	f	41	anaplastic astrocytoma	Brain, tumor removal: anaplastic astrocytoma (WHO grade III) note: neoplastic cells shows moderately pleomorphic nuclei and mitosis. No necrosis and vascular endothelial proliferation is seen.	III
5	A	9,10	f	37	anaplastic astrocytoma	Brain, left frontal, removal of tumor: anaplastic gemistocytic astrocytoma, WHO grade 3.	III
6	B	1,2	m	48	glioblastoma	Brain, left frontal area, tumor removal: glioblastoma.	IV
7	B	3,4	f	53	glioblastoma	Brain, left frontal lobe, tumor removal: glioblastoma.	IV
8	B	5,6	f	55	glioblastoma	Brain, left parietooccipital area, removal: astrocytoma grade IV (glioblastoma).	IV
9	B	7,8	f	59	anaplastic astrocytoma	Brain, left temporal, GTR: anaplastic astrocytoma.	III
10	B	9,10	f	59	anaplastic astrocytoma	Cerebrum, right lateral ventricle, tumor removal(FS): diffuse infiltrative anaplastic astrocytoma (WHO grade III).	III
11	C	1,2	f	55	glioblastoma	Brain, left temporal, removal: 1) tumor mass: Glioblastoma 2) choroid plexus: Free of neoplasm.	IV
12	C	3,4	f	73	glioblastoma	Brain, left occiput, frozen excision: glioblastoma.	IV
13	C	5,6	f	51	glioblastoma	Brain, left frontal, removal of tumor: glioblastoma.	IV
14	C	7,8	m	44	anaplastic astrocytoma	Cerebrum, site not specified, subtotal removal of tumor: anaplastic astrocytoma (with primary white matter involvement in a case of	III
15	C	9,10	m	54	anaplastic astrocytoma	Cerebrum, temporal lobe, removal of mass lesion: diffuse infiltrative anaplastic astrocytoma.	III
16	D	1,2	f	44	glioblastoma	Cerebrum, right temporal lobe, removal of tumor: glioblastoma.	IV
17	D	3,4	m	62	glioblastoma	Cerebral mass, occipital lobe, removal: glioblastoma.	IV
18	D	5,6	f	1	glioblastoma	Brain mass, cerebral hemisphere, removal: glioblastoma.	IV

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19	D	7,8	f	29	anaplastic astrocytoma	Brain, thalamus, stereotactic biopsy: malignant infiltrating astrocytoma. note: al of the stereotactic biopsy tissues(A–D) exhibit an anaplastic astrocytoma with significant pleomorphism, but without necrosis, high cellularity, high mitotic activity or vascular endothelial hyperplasia. Foci of perivascular mantles of small lymphocytes are noted. In short, the histologic features are that of a diffuse infiltrative pleomorphic astrocytoma without a necrotic glioblastomatous epicenter.	III
20	D	9,10	m	38	anaplastic astrocytoma	Brain mass, left parietal: anaplastic astrocytoma, grade III, with leptomeningeal extension. note: specimen #2('tumor margin') is also infiltrated by astrocytoma.	III
21	E	1,2	f	36	glioblastoma multiforme	Cerebral mass, right, temporal lobe, removal: glioblastoma multiforme in the background of anaplastic gemistocytic astrocytoma.	IV
22	E	3,4	f	39	glioblastoma	Brain tumor, Biopsy: glioblastoma–gliosarcoma.	IV
23	E	5,6	m	27	glioblastoma	Brain, thalamus, tumor removal: glioblastoma.	IV
24	E	7,8	m	42	anaplastic astrocytoma	Brain mass, right frontal, removal: anaplastic astrocytoma with gemistocytic feature.	III
25	E	9,10	m	11	anaplastic	Brain, biopsy: anaplastic astrocytoma.	III
26	F	1,2	f	67	glioblastoma	Brain, lateral ventricle and corpus callosum, removal: consistent with glioblastoma.	IV
27	F	3,4	f	63	glioblastoma	Brain, right frontotemporal, tumor removal: glioblastoma. GFAP(+), vimentin(+), actin(–	IV
28	F	5,6	f	65	glioblastoma	Brain, frontotemporal area, removal: glioblastoma (with gemistocytic features).	IV
29	F	7,8	f	30	glioblastoma	Brain tumor, removal: glioblastoma multiforme.	IV
30	F	9,10	m	48	glioblastoma	Brain mass, removal: glioblastoma multiforme (with extensive necrosis).	IV
31	G	1,2	m	39	glioblastoma	Brain, frontal lobe, tumor removal: glioblastoma.	IV
32	G	3,4	f	56	glioblastoma	Brain, parietal, tumor removal: gliosarcoma arising in glioblastoma (feigin tumor) Note: GFAP(+), Vimentin(+), CK low and high(–), EMA(–).	IV
33	G	5,6	f	67	glioblastoma	Brain, temporal area, left, removal: glioblastoma multiforme.	IV
34	G	7,8	f	48	glioblastoma	Brain mass, site not specified, removal: 1) glioblastoma multiforme. 2) resection margins, aterolateral and posteriolateral: positive for glioblastoma.	IV
35	G	9,10	m	56	glioblastoma	Brain mass, left, removal: glioblastoma multiforme.	IV
36	H	1,2	m	17	glioblastoma multiforme	Brain, stated tumor and tumor margin, frozen biopsy; 1) glioblastoma multiforme. 2) additional report : EM> ultrastructural features show formation of cytoplasmic processes containing intermediate filaments, suggesting glial cells of origin.	IV

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37	H	3,4	f	56	glioblastoma	Brain, tumor removal: glioblastoma multiforme.	IV
38	H	5,6	m	58	glioblastoma multiforme	Brain, tumor removal: 1) glioblastoma multiforme 2) immunohistochemical stain results: GFAP(+), Pan-cytokeratin: weakly positive, HMB45(-)	IV
39	H	7,8	f	30	glioblastoma	Cerebral mass, removal: glioblastoma multiforme.	IV
40	H	9,10	f	55	glioblastoma	Cerebral mass, right, frontal lobe, removal: glioblastoma multiforme.	IV
41	I	1,2	m	51	glioblastoma	Brain tumor, removal: glioblastoma multiforme.	IV
42	I	3,4	m	53	glioblastoma	Brain tumor, removal: glioblastoma multiforme.	IV
43	I	5,6	m	50	glioblastoma	Brain, tumor removal: glioblastoma multiforme.	IV
44	I	7	f	42	non-neoplastic	Brain, tumor removal: anaplastic astrocytoma(bordering glioblastoma multiforme).	
45	I	8	m	42	non-neoplastic	non-neoplastic from E7,8	
46	I	9	m	16	non-neoplastic	1. Brain, labelled as "tumor", craniotomy and tumor removal: glioblastoma with extensive necrosis 2. Brain, labelled as "cortex margin": perivascular and perineural infiltration of tumor.	
47	I	10	f	58	non-neoplastic	Brain, frontal area, excision: glioblastoma.	