

Supplemental

Case#	Tumor type	Sex	Age	Location	Edema Index Vol edema/Vol tumor	Normalized tumor ADC	CBV Perfusion AV oval 30mm2
1	Angiomatoid	M	66	R frontal	4.4	1.2	11.3
2	Angiomatoid	F	68	L parietal	7.0	2.5	nd
3	Angiomatoid	M	50	L frontal	1.2	1.1	6.0
4	Microcystic	M	70	L frontal	4.4	3.4	26.0
5	Microcystic	F	63	Parafalcine	3.0	1.3	nd
6	Microcystic	F	60	L frontal	1.0	1.3	18.3
7	Microcystic	F	40	R frontal	1.1	3.9	15.0
8	Microcystic	M	70	R occipital	1.0	2.9	8.0
9	Microcystic	M	81	L frontal	4.2	1.5	25.2
10	Microcystic	F	78	Bifrontal	3.5	1.1	nd
11	Microcystic	F	67	R frotal	1.9	1.0	nd
12	Microcystic	F	88	R frontal	2.7	1.1	nd
13	Angiomatoid +microcystic	F	68	L frontal	1.0	1.4	15.0
14	Angiomatoid +microcystic	F	54	R temporal	1.7	1.8	11.3
15	Angiomatoid +microcystic	F	53	L frontal	2.5	1.4	15.0
16	Angiomatoid +microcystic	F	53	R frontal	6.4	1.7	7.8
17	Angiomatoid +microcystic	F	49	L frontal	5.7	4.5	16.0
18	Angiomatoid +microcystic	F	50	R frontal	1.2	1.7	nd
19	Angiomatoid +microcystic	F	43	R frontal	2.1	2.1	13.0
20	Angiomatoid +microcystic	M	36	R parietal	14.5	1.6	nd
21	Angiomatoid +microcystic	F	32	L frontal	3.8	1.9	nd
22	Angiomatoid +microcystic	F	74	L frontal	1.9	1.4	nd
Group Mean			60		3.5	1.9	14.5
23	Anaplastic	F	50	R fronto- temporal	4.0	1.2	11.5
24	Anaplastic	M	65	L temp occipital	1.9	1.2	9.0
25	Anaplastic	F	50	R temporal	5.5	1.4	9.8
26	Anaplastic	M	65	L occipital	18.5	1.4	5.4
27	Anaplastic	M	86	R fronto-parietal	1.4	1.1	14.0
28	Anaplastic	F	50	R fronto-parietal	2.6	1.2	10.0
29	Anaplastic	F	49	R froto-parietal	3.6	1.3	12.5
30	Anaplastic	M	64	parietal occipital	2.7	1.1	nd
31	Anaplastic	F	85	R frontal	1.9	1.1	nd
32	Atypical	M	53	Olfactory groove	1.8	1.0	9.0
33	Atypical	M	61	R hemisphere	3.6	1.1	nd
34	Atypical	F	30	L frontal	3.4	1.1	7.0
35	Atypical	M	62	L temporal	2.7	1.2	12.0
36	Atypical	M	68	R frontal	3.9	1.0	14.7
37	Atypical	M	75	L frontal	1.9	1.1	18.7
38	Atypical	M	65	R hemisphere	3.8	0.9	7.0
39	Atypical	F	49	Occipital	2.6	1.3	17.9
40	Atypical	F	91	L frontal	1.3	1.0	8.6
41	Atypical	F	75	L temporal	3.8	1.2	20.0
42	Atypical	F	48	R frontal	1.9	1.1	19.0
43	Atypical	F	34	R frontal	1.6	1.1	nd
44	Atypical	F	69	R frontal	1.8	0.9	nd
45	Atypical	F	67	R temporal	1.7	0.6	19.0
46	Atypical	F	69	R frontal	2.0	1.0	20.0
47	Atypical	M	53	Frontal	1.4	0.9	4.3
48	Atypical	M	42	R frontal	1.7	1.2	nd

49	Atypical	F	87	L temporal	1.2	0.9	nd
50	Atypical	M	66	R frontal	3.3	1.1	11.0
51	Atypical	F	52	R temporal	1.4	1.1	12.0
52	Atypical	F	35	L frontotemporal	3.8	1.0	nd
53	Atypical	F	56	R frontal	4.6	1.0	nd
54	Atypical	F	56	L frontal	2.1	0.8	nd
55	Atypical	F	82	R frontal	1.1	1.0	nd
56	Atypical	M	68	L frontal	2.6	0.8	nd
57	Atypical	F	66	L occipital	3.2	0.9	nd
58	Atypical	F	67	R frontal	3.2	1.1	nd
59	Atypical	M	35	L frontal	2.8	0.8	nd
Group Mean			61		3.0	1.1	12.4
60	Meningotheliomatous	F	33	R parietal	2.4	1.2	8.2
61	Meningotheliomatous	F	66	Bi parietal	1.0	1.3	15.0
62	Meningotheliomatous	F	66	Bifrontal	1.0	1.4	8.5
63	Meningotheliomatous	M	60	L parietal	3.0	1.4	7.8
64	Meningotheliomatous	F	71	R parietal	1.3	1.0	12.3
65	Meningotheliomatous	F	56	L frontal	1.1	2.0	14.0
66	Meningotheliomatous	F	74	L temporal	1.4	1.8	nd
67	Meningotheliomatous	F	54	L frontal	1.0	1.6	9.9
68	Fibrous	M	87	Bifrontal	1.2	1.9	11.0
69	Fibrous	M	49	L frontal	1.0	4.3	7.2
70	Fibrous	M	78	R frontal	1.0	1.5	15.4
Group Mean			63		1.4	1.8	10.9

Supplemental Table 1. Seventy cases divided within three groups based on histology.

Demographic information and site of tumor provided. Values for edema index, ADC value and CBV perfusion provided for each tumor. Nd indicates no data available for cases in which a perfusion sequence was not performed. Group means are provided after each group.