

On-line Table 1: Apparent diffusion coefficient ratios in benign meningothelial meningiomas

Patient No./Sex/ Age, y	Conventional MR Image				Tumor ADC, 10 ⁻³ mm ² /s	Tumor NADC
	Maximum diameter, cm	Enhancement, Margins	Edema	DW Image		
1/F/65	4.3	Heterogeneous, ill-defined	++	Hypointense	0.93	1.29
2/F/70	4.8	Homogeneous, well-defined	0	Hypointense	0.76	1.14
3/M/59	6.2	Homogeneous, well-defined	++	Hypointense	0.94	1.54
4/F/67	4.3	Homogeneous, well-defined	0	Hypointense	0.82	1.29
5/M/19	7.0	Homogeneous, well-defined	++	Isointense	0.84	1.17
6/M/52	5.0	Homogeneous, well-defined	++	Isointense	0.90	1.23
7/M/31	7.0	Homogeneous, well-defined	++	Isointense	0.90	1.26
8/F/38	4.7	Homogeneous, well-defined	++	Isointense	0.89	1.30
9/F/36	4.8	Homogeneous, well-defined	++	Isointense	0.88	1.31
10/M/50	4.7	Homogeneous, well-defined	0	Isointense	0.96	1.42
11/M/45	8.5	Homogeneous, well-defined	+	Isointense	0.80	1.20
12/M/79*	5.4	Homogeneous, well-defined	+	Isointense	0.90	1.23
13/F/61*	5.6	Homogeneous, well-defined	++	Isointense	0.88	1.23
14/F/62	3.9	Homogeneous, well-defined	++	Hyperintense	0.74	1.16
15/F/57	4.3	Homogeneous, well-defined	+	Hyperintense	0.96	1.29
16/F/74	7.5	Homogeneous, well-defined	++	Hyperintense	0.79	1.37
17/F/68	5.3	Homogeneous, well-defined	++	Hyperintense	0.76	1.14
18/F/37	5.0	Not performed, well-defined	+	Hyperintense	0.98	1.46
19/F/55	2.4	Homogeneous, well-defined	+	Hyperintense	0.96	1.46
20/M/54	6.0	Homogeneous, well-defined	+	Hyperintense	0.85	1.25
21/F/28	7.8	Heterogeneous, well-defined	0	Hyperintense	0.96	1.37
22/F/48	3.5	Homogeneous, well-defined	+	Hyperintense	0.99	1.35
23/M/55	6.2	Homogeneous, well-defined	+	Hyperintense	0.85	1.20

Note:—DW, indicates diffusion-weighted; ADC, apparent diffusion coefficient; NADC, normalized apparent diffusion coefficient; F, female; M, male; +, mild; ++, severe; 0, absent.
* Dedifferentiation from benign to atypical meningioma (Table 2).

On-line Table 2: Apparent diffusion coefficient and ratios in atypical/malignant meningiomas

Patient No./ Sex/Age, y	Conventional MR Image				Tumor ADC, 10 ⁻³ mm ² /s	Tumor NADC	Remarks
	Maximum diameter, cm	Enhancement, Margins, Bone Involvement	Edema	DW Image			
24/F/61	5.5	Heterogeneous, well-defined	+	Hypointense	0.58	0.80	De novo atypical
25/F/60	6.4	Homogeneous, well-defined	++	Isointense	0.75	0.95	De novo atypical
26/M/54	3.0	Homogeneous, ill-defined, bone destruction	++	Hyperintense	0.80	0.97	De novo atypical
27/F/71	4.5	Homogeneous, well-defined, bone destruction	++	Hyperintense	0.78	0.93	De novo atypical
28/F/56	5.4	Homogeneous, well-defined	++	Hyperintense	0.77	0.91	De novo atypical
29/F/79	5.3	Heterogeneous, ill-defined, bone destruction	+	Hyperintense	0.69	0.97	De novo atypical
30/F/63	4.5	Homogeneous, well-defined	+	Hyperintense	0.66	0.93	De novo atypical
31/M/61	4.7	Homogeneous, ill-defined	++	Hyperintense	0.74	0.97	De novo atypical
32/M/54	8.0	Homogeneous, ill-defined	++	Hyperintense	0.69	0.92	De novo atypical
33/F/89	7.0	Homogeneous, well-defined	++	Hyperintense	0.75	0.92	De novo atypical
34/M/73	7.0	Homogeneous, ill-defined	+	Hyperintense	0.63	0.88	De novo atypical
35/F/52	4.5	Homogeneous, well-defined	+	Hyperintense	0.73	0.98	De novo atypical
36/F/63	3.5	Homogeneous, well-defined	++	Hyperintense	0.71	0.87	De novo atypical
37/M/62	5.0	Homogeneous, well-defined	++	Hyperintense	0.65	0.78	De novo atypical
38/M/53	3.5	Homogeneous, well-defined	++	Hypointense	0.61	0.84	De novo malignant
39/M/67	2.5	Homogeneous, well-defined	++	Isointense	0.70	0.84	Recurrent atypical
40/M/71	3.0	Homogeneous, ill-defined, bone destruction	++	Isointense	0.78	0.98	Recurrent atypical
41/M/59	7.2	Heterogeneous, ill-defined, bone destruction	++	Hyperintense	0.67	0.84	Recurrent atypical
12/M/79*	8.0	Homogeneous, well-defined, bone destruction	++	Hyperintense	0.60	0.77	Recurrent atypical
13/F/61*	6.2	Homogeneous, well-defined	++	Hyperintense	0.63	0.85	Recurrent malignant
42/M/49	15	Heterogeneous, well-defined, bone destruction	++	Hyperintense	0.69	0.92	Recurrent malignant
43/F/41	3.3	Homogeneous, well-defined	++	Hyperintense	0.59	0.75	Recurrent malignant
37/M/62†	7.5	Homogeneous, well-defined	++	Hyperintense	0.56	0.78	Recurrent malignant
41/M/59†	4.2	Heterogeneous, ill-defined, bone destruction	++	Hyperintense	0.59	0.75	Recurrent malignant
44/F/21	5.6	Heterogeneous, ill-defined	++	Mixed isointense and hypointense	1.26	1.67	Recurrent malignant (rhabdoid variant)

Note:—DW, indicates diffusion-weighted; ADC, apparent diffusion coefficient; NADC, normalized apparent diffusion coefficient; F, female; M, male; +, mild; ++, severe.

* Dedifferentiation from benign to atypical meningioma (Table 1).

† Dedifferentiation from atypical to malignant meningioma.