On-line Table: Analysis of MR imaging of suprasellar papillary craniopharyngioma and suprasellar germ cell tumors

Variables	PCP (n = 18)	GCT (n = 17)	OR	95% CI	P Value[a]
Location of lesion					.1187
Suprasella and 3rd ventricle	9 (50%)	4 (24%)	1.0	Ref	
Suprasella and sella	3 (17%)	8 (47%)	6.0	1.02–35	
Suprasella, sella, and 3rd ventricle	6 (33%)	5 (29%)	1.9	.35–10	
Size (cm) (mean)	3.18 ± 1.05	2.14 ± 1.46			.0064
Component					.0002
Cystic predominance	12 (67%)	1 (6%)	.03	.003–.30	
Solid predominance	6 (33%)	16 (94%)	32	3.4–302	
MRI signal intensity					
T1WI					.2962
Hypo	2 (11%)	1 (6%)	1.0	Ref	
Iso	14 (78%)	16 (94%)	2.3	.19–28	
Hyper	2 (11%)	0 (0%)	∞	NA	
T2WI					.9616
Hypo	2 (11%)	2 (12%)	1.0	Ref	
Iso	16 (89%)	15 (88%)	.94	.12–7.5	
Hyper	0 (0%)	0 (0%)	NA	NA	
DWI[b]					.0009
Hypo	14 (82%)	2 (17%)	1.0	Ref	
Iso	2 (12%)	2 (17%)	14	.83–238	
Hyper	1 (6%)	8 (67%)	28	3.2–239	
Enhancement	18 (100%)	17 (100%)	NA	NA	1
Marginal enhancement	18 (100%)	2 (12%)	.00	NA	<.0001
Shape					<.0001
Spheric	17 (94%)	1 (6%)	.004	.00–.06	
Transinfundibular	1 (6%)	16 (94%)	272	16–4724	
Pituitary stalk (mm) (mean)	1.6 ± 0.4	5.4 ± 4.2			<.0001
Pituitary gland					.1896
No involvement	9 (50%)	4 (24%)	1.0	Ref	
Infiltrative	9 (50%)	12 (71%)	3.0	.70–13	
Compressed	0 (0%)	1 (6%)	∞	NA	
Associated findings					
Hydrocephalus	8 (44%)	6 (35%)	.68	.18–2.7	.5808
Tumor intraventricular seedings	0 (0%)	8 (47%)	∞	NA	.0009
Size change of the pineal gland after radiotherapy[c]	0 (0%)	8 (50%)	∞	NA	.0014
Compression and/or displacement of the optic chiasm	17 (94%)	8 (47%)	.05	.01–.49	.0019
Edema of the optic chiasm/tract	9 (50%)	8 (47%)	1.1	.30–4.2	.8619
Edema of the hypothalamus	8 (44%)	9 (52%)	1.4	.37–5.3	.6152

Note:—Hypo indicates hypointensity; Iso, isointensity; Hyper, hyperintensity; Ref, reference; ∞, infinity; NA, the value was not available for calculation in logistic regression.
[a] P = statistical significance as calculated by the log-rank test.
[b] In the PCP group, $n = 17$; in the GCT group, $n = 12$.
[c] In the PCP group, $n = 17$; in the GCT group, $n = 16$.