

**Supplementary Table 1.** Comparison of characteristics of subjects with CP according to the Puget classification

Variable	0 (n=3)	1 (n=15)	2 (n=30)	p-value for trend*
Age (years)	43.3±5.5	50.5±10.0	48.5±14.8	0.673
Male	1 (33.3)	9 (60.0)	17 (56.7)	0.695 <sup>†</sup>
Preoperative body weight (kg)	69.4±3.3	66.2±12.6	67.6±12.1	0.885
Preoperative BMI (kg/m <sup>2</sup> )	27.1±1.6	24.6±2.7	25.2±4.0	0.541
Postoperative body weight (kg)	69.1±2.6	69.5±13.3	70.7±11.8	0.933
Body weight change (kg)	-0.3±2.9	3.3±3.4	3.1±5.9	0.529
Weight change per month (kg/month)	-0.2±0.9	1.0±1.1	1.1±2.1	0.504
% body weight change	-0.5±4.1	4.6±4.3	4.3±8.0	0.495
Follow-up duration (days)	93.0±19.1	90.7±17.4	90.8±16.6	0.975
Postoperative steroid user	2 (66.7)	11 (73.3)	30 (100.0)	0.009 <sup>†</sup>
Daily steroid dose (mg/day)	15.0±15.0	11.7±9.8	16.7±4.8	0.112
Cumulative steroid dose (mg)	1285.0±1143.4	1082.0±910.5	1490.3±440.7	0.161
Tumor volume (cm <sup>3</sup> )	0.72±0.80	2.80±2.15	8.40±9.00 <sup>‡</sup>	0.041
Number of preoperative hormone deficiency				0.717 <sup>†</sup>
0	1 (33.3)	6 (40.0)	8 (26.7)	
1	1 (33.3)	3 (20.0)	4 (13.3)	
2	0 (0.0)	1 (6.7)	4 (13.3)	
3	0 (0.0)	1 (6.7)	0 (0.0)	
4	1 (33.3)	4 (26.7)	14 (46.7)	
Number of postoperative hormone deficiency				0.498 <sup>†</sup>
0	1 (33.3)	2 (13.3)	2 (6.7)	
1	0 (0.0)	0 (0.0)	2 (6.7)	
2	0 (0.0)	0 (0.0)	0 (0.0)	
3	0 (0.0)	0 (0.0)	0 (0.0)	
4	2 (66.7)	13 (86.7)	26 (86.7)	
Preoperative hypothalamic symptom	1 (33.3)	0 (0.0)	15 (50.0)	0.004 <sup>†</sup>

Values are presented as mean±standard deviation or number (%). \*p-values for these trends were generated by simple linear regression analysis. †p-values were generated by chi-square test. ‡p<0.05 vs. 0 in the *post-hoc* analysis. CP : craniopharyngioma, BMI : body mass index