

Table 2 Summary of expired 10 patients with metastatic PPGL

Tumor type: number of cases	PCC: 5 and PGL: 5
Gender and Age	Male/Female: 3/7, Age: 34 (17-81)
Tumor size, mean	10.6 cm
Metastatic organs: number of cases	bone:7, LN:5, liver:5, lung:4, pancreas:1, peritoneum: 1
Metastatic type	metachronous: 100%
Survival month after 1 st operation (mean)	21 (month)
Catecholamine types: number of cases (%)	NE: 4 (40), NE+DA: 3 (30), E: 1 (10), nonfunctional: 2 (20)
SDHB-IHC: cases	Negative: 5 cases (50 %)
Ki67 labeling index (mean %)	14%
GAPP score (mean)	8.5
GAPP grade of tumors of expired patients (%)	low: 0, moderate: 27%, high: 73%