

## **Low prevalence of IgG antibodies to SARS-CoV-2 in cancer patients with COVID-19**

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Table S1. Characteristics of cancer patients with COVID-19 and other hospitalized COVID-19 patients.

	Mean (95% Confidence Interval), Median (Interquartile Range), or n (%)		P values
	Cancer Patients (n=40)	COVID-19 Patients (n=1430)	
Mean Age (years)	61.0 (56.8-65.2)	58.7 (57.9-59.4)	0.3
Age group (years)			
≤70	31 (77.5)	1150 (80.4)	0.65*
>70	9 (22.5)	280 (19.6)	
Sex			
Female	22 (55.0)	723 (50.6)	0.58*
Male	18 (45.0)	707 (49.4)	
Days from symptom onset to IgM/IgG test	39(30-53)	41(33-49)	0.89
Days from symptom onset to RT-PCR test	31(27-34)	39(34-43)	0.11

Age was reported as mean (95% confidence interval). P value for the difference was from Student's t-test.

Days from symptom onset to IgM/IgG test and days from symptom onset to RT-PCR test were summarized as median and interquartile range. P values for the differences were from Mann-Whitney tests.

\* P value from the  $\chi^2$  test.

Table S2. Characteristics of cancer patients with COVID-19 by IgG antibodies to SARS-CoV-2 status.

	Mean (95% CI) or n (%)		P Value
	Positive (n=29)	Negative (n=11)	
Age (years)	61.8 (56.6-67.1)	58.8 (51.3-66.4)	0.52
Age group (years)			
≤70	21 (72.4)	10 (90.9)	0.4*
>70	8 (27.6)	1 (9.1)	
Sex			
Female	16 (55.2)	6 (54.5)	0.97*
Male	13 (44.8)	5 (45.5)	
Severity of COVID-19 at admission			
Moderate	20 (69.0)	9 (81.8)	0.69*
Severe	9 (31.0)	2 (18.2)	
Clinical characteristics			
Progression to critical status			
No	27 (93.1)	9 (81.8)	0.3*
Yes	2 (6.9)	2 (18.2)	
ICU admission			
No	27 (93.1)	10 (90.9)	0.81*
Yes	2 (6.9)	1 (9.1)	
Death			
No	28 (96.6)	10 (90.9)	0.48*
Yes	1 (3.4)	1 (9.1)	

Positive: cancer patients who had IgG antibodies to SARS-CoV-2.

Negative: cancer patients who did not have IgG antibodies to SARS-CoV-2.

\* P value from Fisher's exact test.