

Baseline Characteristics and Outcomes of Cancer Patients Infected with SARS-CoV-2 in the Lombardy Region, Italy (AIOM-L CORONA): A Multicenter, Observational, Ambispective, Cohort Study

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Table S1. Characteristics of 29 non metastatic patients not receiving SACT.

Characteristic	Patients (N = 29)
Median age (Range), years	68 (45–85)
Male sex (N,%)	19 (65.5%)
Comorbidity (N, %)	
None	7 (24.1%)
1	10 (34.5%)
≥2	12 (41.4%)
ECOG Performance Status (N, %)	
0	17 (81.0%)
1	3 (14.3%)
2–3	1 (4.7%)
Subtotal	21
Unknown (N,%)	8 (27.6%)
Tumour diagnosis (N, %)	
Colorectal	8 (27.6%)
GI-no colorectal	7 (24.1%)
Breast	6 (20.7%)
Genitourinary tract cancer	3 (10.3%)
Lung	2 (6.9%)
Head and Neck	2 (6.9%)
Gynecological	1 (3.4%)
Stage (N, %)	
I	12 (41.4%)
II	6 (20.7%)
III	11 (37.9%)
Symptoms (N, %)	
Yes	29 (100.0%)
Type of Symptom (N, %)	
Fever	22 (75.9%)
Cough	16 (55.2%)
Dyspnoea	18 (62.1%)
Desaturation	18 (62.1%)
Interstitial pneumonia (N, %)	
Yes	23 (92.0%)
Subtotal	25
Unknown (N, %)	4 (13.8%)
Covid 19 Therapy	
Yes	23 (79.3%)
Progression Disease at COVID19 diagnosis	
Yes	0 (0.0%)
Subtotal	19
Unknown	10 (34.5%)

Oncological Progression Disease after COVID19 infection (N, %)		
	Yes	1 (4.5%)
	Subtotal	22
	Unknown (N, %)	7 (24.1%)
Ordinary Hospitalization		
	Yes	24 (82.8%)
Admission to Intensive Care Unit after Ordinary Hospitalization		
	Yes	3 (11.5%)
	Subtotal	26
	Unknown	3 (10.3%)
Mortality within 30 days of COVID-19 diagnosis		
	Yes	9 (31.0%)

Table S2. Characteristics of 43 metastatic cancer patients not receiving SACT.

Characteristic	Patients (N = 43)
Median age (Range), years	71 (40–89)
Male sex (N,%)	24 (55.8%)
Comorbidity (N, %)	
None	11 (25.6%)
1	15 (34.5%)
≥2	17 (39.5%)
ECOG Performance Status (N, %)	
0	12 (36.4%)
1	16 (48.5%)
2–3	5 (15.1%)^
Subtotal	33
Unknown (N,%)	10 (23.3%)
Tumour diagnosis (N, %)	
Lung	14 (32.6%)^
GI-no colorectal	12 (27.9%)
Hematological	6 (14.0%)^
Breast	4 (9.3%)
Colorectal	3 (7.0%)
Genitourinary tract cancer	2 (4.7%)
Melanoma	1 (2.3%)
Brain	1 (2.3%)
Symptoms (N, %)	
Yes	38 (88.4%)
Type of Symptom (N, %)	
Fever	30 (71.4%)
Cough	11 (25.6%)
Dyspnoea	28 (66.7%)
Desaturation	30 (69.8%)
Interstitial pneumonia (N, %)	
Yes	23 (88.9%)
Subtotal	36
Unknown (N, %)	7 (16.3%)
Covid 19 Therapy	
Yes	37 (88.1%)
Subtotal	42
Unknown	1 (2.3%)
Progression Disease at COVID19 diagnosis	
Yes	6 (25.0 %)
Subtotal	24
Unknown	19 (44.2%)
Oncological Progression Disease after COVID19 infection (N, %)	
Yes	1 (3.7%)
Subtotal	27
Unknown (N, %)	16 (37.2%)
Ordinary Hospitalization	
Yes	40 (93.0%)
Admission to Intensive Care Unit after Ordinary Hospitalization	
Yes	1 (2.4%)
Subtotal	41
Unknown	2 (4.7%)
Mortality within 30 days of COVID-19 diagnosis	
Yes	28 (66.7%)
Subtotal	42
Unknown	1 (2.3%)

^As compared to patients on active therapy, untreated cases were more likely to present with ECOG 2–3, i.e., 5/33 (15%) versus 6/75 (8%), $p = 0.26$, lung cancer, i.e., 14/43 (32.5%) versus 21/108 (19.4%), $p = 0.08$, and haematological disease, i.e., 6/43 versus 5/108, $p = 0.04$.

Table S3. Characteristics of 61 patients not receiving anti-COVID-19 therapy.

Characteristic	Patients (N = 61)
Median age (Range), years	61 (31–88)
Male sex (N,%)	20 (32.8%)
Comorbidity (N, %)	
None	24 (39.3%)
1	28 (45.9%)
≥2	9 (14.8%)
ECOG Performance Status (N, %)	
0	36(76.6%)
1	7 (14.9%)
2–3	4 (8.5%)
Subtotal	47
Unknown (N,%)	14 (23.0%)
Stage	
I	8 (13.1%)
II	9 (14.8%)
III	6 (9.8%)
IV	38 (62.3%)
Tumour diagnosis (N, %)	
Breast	28 (45.9%)
GI-no colorectal	9 (14.8%)
Colorectal	7 (11.5%)
Lung	6 (9.8%)
Genitourinary tract cancer	3 (4.9%)
Head and Neck	2 (3.3%)
Melanoma	2 (3.3%)
Hematologic	2 (3.3%)
Brain	1 (1.6%)
Gynecological	1 (1.6%)
Active Anticancer Treatment (N,%)	
Yes	49 (81.7%)
Subtotal	60
Unknown	1 (1.6%)
Symptoms (N, %)	
Yes	34 (55.7%)
Type of Symptom (N, %)	
Fever	33 (55.9%)
Subtotal	59
Unknown	2 (3.3%)
Cough	24 (42.1%)
Subtotal	57
Unknown	4 (6.6%)
Dyspnoea	12 (21.0%)
Subtotal	57
Unknown	4(6.6%)
Desaturation	3 (5.3%)
Subtotal	57
Unknown	4 (6.6%)
Interstitial pneumonia (N, %)	
Yes	21 (48.8%)
Subtotal	43
Unknown (N, %)	18 (29.5%)
Progression Disease at COVID19 diagnosis	
Yes	6 (25.0 %)
Subtotal	24
Unknown	19 (44.2%)
Oncological Progression Disease after COVID19 infection (N, %)	
Yes	1 (3.7%)
Subtotal	27
Unknown (N, %)	16 (37.2%)
Ordinary Hospitalization	
Yes	12 (20.3%)
Subtotal	59
Unknown	2 (3.3%)
Admission to Intensive Care Unit after Ordinary Hospitalization	
Yes	0 (0.0%)
Subtotal	59

Unknown	2 (3.3%)
Mortality within 30 days of COVID-19 diagnosis	
Yes	12 (21.4%)
Subtotal	56
Unknown	5 (8.2%)



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