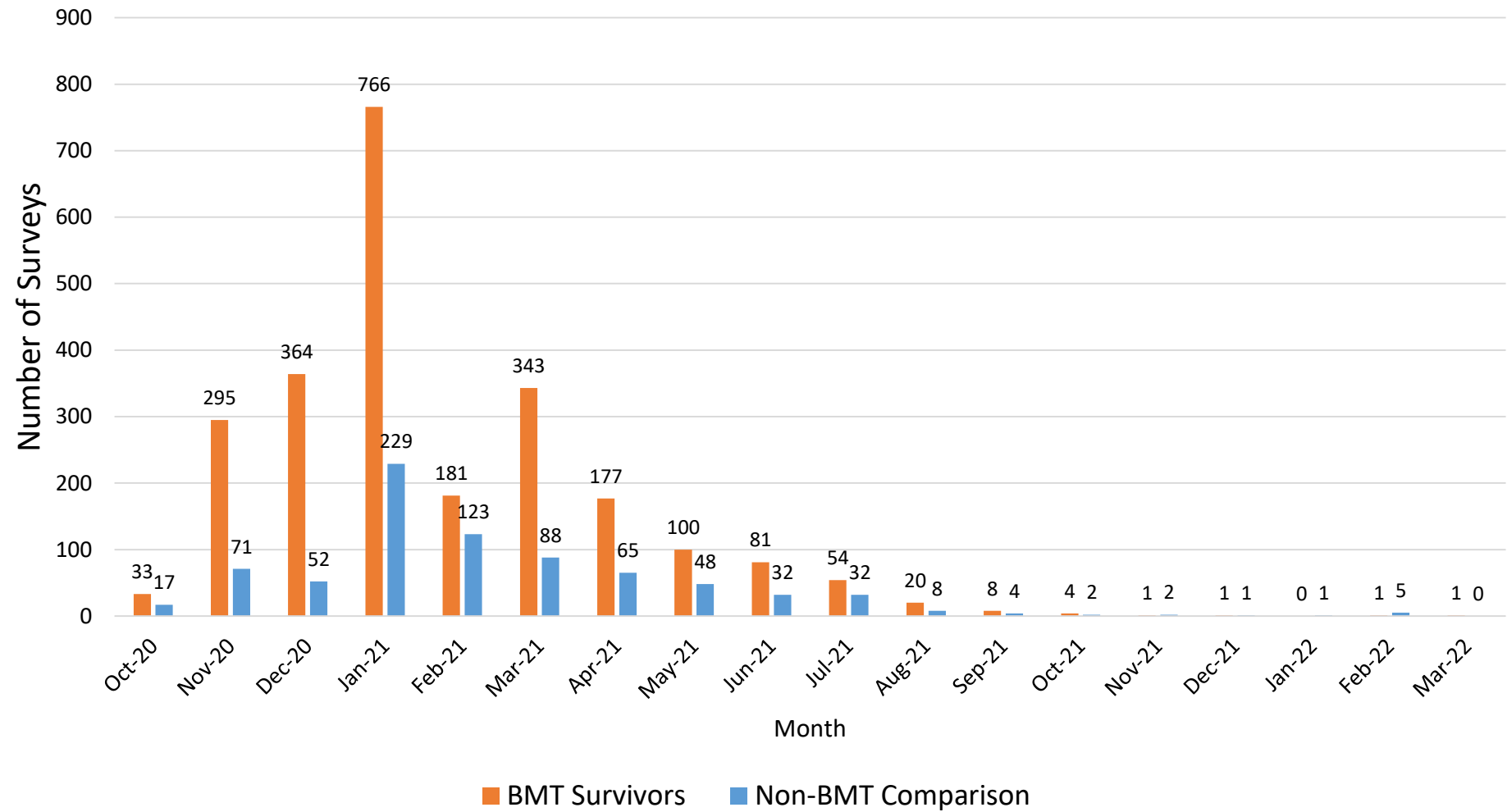


Supplemental Figure 1: Consort Diagram of the study population



Supplemental Figure 2: Surveys Returned per Month by BMT Survivors and Non-BMT Comparison Group

As part of COVID-19 (Coronavirus) pandemic, we are asking you to complete this survey to help us understand the risk of Coronavirus infection and its consequences.

A1. Have you been tested for the novel coronavirus (COVID-19)?

- No
- Yes *(If yes, please answer the following box)*

Test #1

Date of testing #1
Month (MM) Year (YYYY)

Type of testing #1 Swab Blood

Was the test positive? Yes No

Test #2

Date of testing #2
Month (MM) Year (YYYY)

Type of testing #2 Swab Blood

Was the test positive? Yes No

Test #3

Date of testing #3
Month (MM) Year (YYYY)

Type of testing #3 Swab Blood

Was the test positive? Yes No

A2. Was anyone in your immediate work group diagnosed with novel coronavirus (COVID-19)?

- No
- Yes
- Not applicable, I do not work outside the home
- Don't know

A3. Was anyone in your household diagnosed with novel coronavirus (COVID-19)?

- No Yes Don't know

*(If yes, then please provide the relationship (check **all** that apply):*

Mother
Month (MM) Year (YYYY)

Father
Month (MM) Year (YYYY)

Spouse/
significant other
Month (MM) Year (YYYY)

Child #1
Month (MM) Year (YYYY)

Child #2
Month (MM) Year (YYYY)

Child #3
Month (MM) Year (YYYY)

Sibling #1
Month (MM) Year (YYYY)

Sibling #2
Month (MM) Year (YYYY)

Sibling #3
Month (MM) Year (YYYY)

Other
Month (MM) Year (YYYY)

If Other, please describe relationship:

A4. Were any of your friends diagnosed with the novel coronavirus (COVID-19)?

- No
- Yes
- Don't know





SOCIAL DISTANCING

During the Coronavirus pandemic, recommendations have been made to maintain social distancing. These questions pertain to specifics of social distancing since March 1, 2020.

	No, never	Yes, always	Yes, sometimes
B1. Do you wear a mask when in public places?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B2. Do you stay at least 6 feet away from others who are not members of your household?.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B3. Do you wash your hands at least 10 times a day for 20 seconds each time ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Supplemental Table 1. Chronical Health Conditions

Chronic Health Conditions	BMT ^a Survivors (n=2430)	Non-BMT Comparison Group (n=779)	p-value
Arrhythmias	34 (1.4%)	3 (0.4%)	n/a
Blood Clot	270 (11.1%)	25 (3.2%)	<.0001
Cataracts	476 (19.6%)	53 (6.8%)	<.0001
Congestive Heart Failure	267 (11.0%)	45 (5.8%)	<.0001
Diabetes	184 (7.6%)	11 (1.4%)	<.0001
Hearing Loss	264 (10.9%)	53 (6.8%)	0.001
Heart Attack	48 (2.0%)	8 (1.0%)	0.08
Hemodialysis	39 (1.6%)	1 (0.1%)	n/a
Intestinal Obstruction	72 (3.0%)	6 (0.8%)	0.001
Joint Replacement	218 (9.0%)	49 (6.3%)	0.02
Legally Blind	84 (3.5%)	18 (2.3%)	0.11
Liver Dysfunction	33 (1.4%)	2 (0.3%)	n/a
Lung Fibrosis	45 (1.9%)	2 (0.3%)	n/a
Stroke	76 (3.1%)	13 (1.7%)	0.03
Thyroid nodules	77 (3.2%)	19 (2.4%)	0.3
Cardiovascular ^b	347 (14.3%)	61 (7.8%)	<.0001
Gastrointestinal ^c	116 (4.8%)	9 (1.2%)	<.0001
Sensorineural ^d	362 (14.9%)	70 (9.0%)	<.0001

a: Blood or marrow transplant; b: Cardiovascular includes heart attack, congestive heart failure, stroke, stiff or leaky valve, arrhythmia; c: Gastrointestinal includes liver disease/Rectal/Intestinal obstruction; d: Sensorineural includes hearing loss, balance/vertigo, legally blind

Supplemental Table 2. Characteristics of Study Participants in the Pre- and Post-Vaccine Eras

Characteristics	Pre-vaccine era			Post-vaccine era		
	BMT Survivors (n=750)	Non-BMT Comparison (n=148)	p-value	BMT ^a Survivors (n=1680)	Non-BMT Comparison (n=632)	p-value
Age at study participation						
Median (range)	62 (21 - 90)	62.5 (22 - 88)	0.39	64 (20 - 91)	62 (21 - 88)	0.0017
<65 years	455 (60.7%)	85 (57.4%)	0.46	862 (51.3%)	363 (57.4%)	0.0085
≥65 years	295(39.3%)	63 (42.6%)		818 (48.7%)	269 (42.6%)	
Race/ Ethnicity						
African American	13 (1.7%)	0 (0%)	<.0001	118 (7.0%)	20 (3.2%)	<.0001
Hispanic	58 (7.7%)	1 (0.7%)		199 (11.8%)	43 (6.8%)	
Non-Hispanic White	622 (82.9%)	146 (98.6%)		1,233 (73.4%)	540 (85.4%)	
Other	57 (7.6%)	1 (0.7%)		130 (7.7%)	29 (4.6%)	
Sex						
Female	376 (50.1%)	102 (68.9%)	<.0001	771 (45.9%)	400 (63.3%)	<.0001
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
Yes	246 (32.8%)	70 (47.3%)	0.001	835 (49.7%)	372 (58.9%)	<.0001
Always Wear Mask						
Yes	652 (86.9%)	122 (82.4%)	0.15	1,494 (88.9%)	540 (85.4%)	0.022
Always Stay 6 Feet Away						
Yes	524 (69.9%)	85 (57.4%)	0.003	1,204 (71.7%)	379 (60.0%)	<.0001
Always Wash Hands						
Yes	353 (47.1%)	55 (37.2%)	0.03	855 (50.9%)	267 (42.2%)	0.0002
Annual Household Income						
<\$50,000	193 (25.7%)	23 (15.5%)	0.01	456 (27.1%)	119 (18.8%)	<.0001
\$50,000-74,999	115 (15.3%)	37 (25.0%)		256 (15.2%)	109 (17.2%)	
≥\$75,000	338 (45.1%)	69 (46.6%)		731 (43.5%)	354 (56.0%)	
Missing	104 (13.9%)	19 (12.8%)		237 (14.1%)	50 (7.9%)	
Education						
<High School	101 (13.5%)	15 (10.1%)	0.54	276 (16.4%)	65 (10.4%)	<.0001
High School to College	270 (36.0%)	55 (37.2%)		613 (36.5%)	207 (33.0%)	
≥College	379 (50.5%)	78 (52.7%)		790 (47.1%)	355 (56.6%)	
Have Insurance						
Yes	742 (98.9%)	148 (100.0%)	0.21	1,639 (97.6%)	609 (97.1%)	0.51
Chronic Health Conditions (severe/life-threatening)						
Yes	378 (50.4%)	51 (34.5%)	0.0004	649 (38.6%)	175 (27.9%)	<.0001
COVID-19 test positive						
Yes	17 (2.3%)	3 (2.0%)	0.86	104 (6.2%)	44 (7.0%)	0.50
Employment						
Employed	349 (46.5%)	87 (59.2%)	0.0002	689 (41.3%)	369 (58.6%)	<.0001
Not Employed	133 (17.7%)	7 (4.8%)		268 (16.0%)	45 (7.1%)	
Retired	268 (35.7%)	53 (36.1%)		713 (42.7%)	216 (34.3%)	
BMT Type						
Autologous	20 (2.7%)			1,097 (66.4%)		

Characteristics	Pre-vaccine era			Post-vaccine era		
	BMT Survivors (n=750)	Non-BMT Comparison (n=148)	p-value	BMT ^a Survivors (n=1680)	Non-BMT Comparison (n=632)	p-value
Allogeneic without chronic GvHD ^b	348 (47.7%)			214 (13.0%)		
Allogeneic with chronic GvHD	362 (49.6%)			341 (20.6%)		
BMT Survivors Follow up years						
Median (range)	15 (6 - 45)			14 (6 - 46)		
<10 years	157 (20.9%)			414 (24.6%)		
10-19 years	319 (42.5%)			803 (47.8%)		
≥20 years	274 (36.5%)			463 (27.6%)		
BMT Survivors Primary Cancer						
Leukemia	521 (69.5%)			485 (28.9%)		
Lymphoma	123 (16.4%)			671 (39.9%)		
Plasma cell dyscrasias	29 (3.9%)			419 (24.9%)		
Other	77 (10.3%)			105 (6.3%)		
BMT Survivors Conditioning Intensity						
Myeloablative conditioning	370 (49.3%)			1,240 (73.8%)		
Non-myeloablative/ reduced intensity conditioning	380 (50.7%)			440 (26.2%)		
Disease Status at BMT						
High risk	265 (35.3%)			796 (47.4%)		

a: Blood or marrow transplant; b: Graft-versus-host disease

Supplemental Table 3. Risk of COVID-19 infection in BMT^a Survivors vs. non-BMT comparison by availability of COVID vaccines

Variable	Multivariable analysis (pre-vaccine era)			Multivariable analysis (post-vaccine era)		
	aOR	95%CI	p-value	aOR	95%CI	p-value
BMT Survivors vs. non-BMT Comparison Group						
Non-BMT Comparison	REF			REF		
BMT Survivors	1.58	0.40 - 6.15	0.51	0.92	0.62 - 1.36	0.67
Age at study participation						
<65 years	REF			REF		
≥65 years	0.67	0.16 - 2.80	0.58	0.98	0.61 - 1.56	0.93
Race/ Ethnicity						
Non-Hispanic White	REF		0.22 ^b	REF		0.10 ^b
African American	17.48	1.19 - 256.49	0.04	1.47	0.74 - 2.91	0.27
Hispanic	1.42	0.26 - 7.65	0.68	1.26	0.74 - 2.13	0.40
Other	1.41	0.15 - 13.08	0.76	0.30	0.09 - 0.97	0.04
Sex						
Female	REF			REF		
Male	1.85	0.68 - 5.05	0.23	0.91	0.63 - 1.30	0.59
Annual Household Income						
≥\$75,000	REF		0.72 ^b	REF		0.048 ^b
\$50,000-74,999	2.03	0.61 - 6.81	0.25	1.66	1.04 - 2.64	0.03
<\$50,000	1.32	0.38 - 4.55	0.66	1.07	0.67 - 1.70	0.79
Education						
≥College	REF		0.27 ^b	REF		0.26 ^b
High School to some College	1.02	0.34 - 3.01	0.98	1.31	0.88 - 1.96	0.18
<High School	3.01	0.72 - 12.51	0.13	1.46	0.87 - 2.46	0.15
Chronic Health Conditions (severe/life-threatening)						
No	REF			REF		
Yes	1.03	0.39 - 2.71	0.96	1.55	1.07 - 2.23	0.02
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF			REF		
Yes	19.78	4.10 - 95.42	0.0002	4.55	2.89 - 7.16	<.0001
Always Wear Mask						
No	REF			REF		
Yes	0.79	0.19 - 3.21	0.74	0.45	0.27 - 0.73	0.001
Always Stay 6 Feet Away						
No	REF			REF		
Yes	1.19	0.39 - 3.65	0.76	1.03	0.67 - 1.58	0.90
Always Wash Hands						
No	REF			REF		
Yes	0.35	0.12 - 1.08	0.07	1.21	0.83 - 1.77	0.31
Employment						
Retired	REF		0.80 ^b	REF		0.16 ^b
Employed	1.66	0.37 - 7.50	0.51	1.39	0.83 - 2.32	0.21
Not Employed	1.54	0.23 - 10.21	0.65	1.81	0.98 - 3.35	0.057

a: Blood or marrow transplant; b: p-value for whole group

Supplemental Table 4. Factors Associated with COVID-19 Infection Among BMT^P Survivors, Pre- and Post-Vaccine Era

Variable	Multivariable analysis ^b (Pre-vaccine era)			Multivariable analysis (Post-vaccine era)		
	aHR	95%CI	<i>p</i> -value	aHR	95%CI	<i>p</i> -value
Race/ Ethnicity						
Non-Hispanic White	REF		0.10 ^b	REF		0.051 ^b
African American	15.9	1.71 – 147.17	0.01	1.41	0.66 – 2.98	0.38
Hispanic	2.02	0.44 – 9.23	0.36	1.80	1.06 – 3.05	0.03
Other	1.38	0.18 – 10.66	0.76	0.43	0.14 – 1.37	0.15
Sex						
Female				REF		
Male				0.69	0.46 – 1.03	0.07
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF			REF		
Yes	15.9	3.54 – 71.60	0.0003	3.93	2.39 – 6.43	<.0001
Always Wear Mask						
No				REF		
Yes				0.44	0.26 – 0.73	0.002
Always Wash Hand						
No	REF					
Yes	0.36	0.12 – 1.12	0.08			
BMT Survivors Follow up year						
≥20 years	REF		0.08 ^b			
<10 years	0.33	0.07 – 1.55	0.16			
10–19 years	0.28	0.08 – 0.98	0.046			
Disease status at BMT						
Standard risk				REF		
High risk				1.55	1.04 – 2.33	0.03

a: Blood or marrow transplant; b: p-value for whole group

b: This is only the final multivariable regression models; the initial univariate models included the relevant clinical and sociodemographic variables, as in the univariate analysis shown in Table 3.

Supplemental Table 5. Risk of Hospitalization Among COVID-19 Positive Individuals – A Comparison between BMT^a Survivors and non-BMT Comparison Group

Risk factors	Univariate analysis			Multivariable analysis		
	OR	95%CI	p-value	aOR	95%CI	p-value
COVID-19 test positive BMT Survivors vs. Non-BMT Comparison Group						
Non-BMT	REF			REF		
BMT Survivors	2.51	1.19 – 5.30	0.02	2.23	0.99 – 5.05	0.053
Age at study participation						
<65 years	REF					
≥65 years	2.12	1.10 – 4.08	0.03			
Race/ Ethnicity						
Non-Hispanic White	REF		0.54 ^b			
African American	2.21	0.67 – 7.35	0.20			
Hispanic	1.22	0.50 – 2.98	0.67			
Other	0.53	0.05 – 5.21	0.58			
Sex						
Female	REF					
Male	0.80	0.43 – 1.49	0.49			
Annual Household Income						
≥\$75000	REF			REF		
<\$75,000	1.44	0.76 – 2.74	0.26	1.48	0.73 – 2.98	0.09
Education						
≥College	REF		0.76 ^b			
High School to some College	0.78	0.39 – 1.56	0.48			
<High School	0.98	0.43 – 2.27	0.97			
Have Insurance						
No	REF			REF		
Yes	0.22	0.02 – 2.15	0.19	0.05	0 – 0.77	0.03
Chronic Health Conditions						
Grade 0-2	REF			REF		
Grade 3-4	4.03	2.07 – 7.84	<.0001	4.16	2.02 – 8.58	0.0001
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF					
Yes	0.69	0.30 – 1.58	0.38			
Always Wear Mask						
No	REF					
Yes	1.92	0.88 – 4.19	0.10			
Always Stay 6 Feet Away						
No	REF			REF		
Yes	2.20	1.14 – 4.25	0.02	2.45	1.18 – 5.12	0.02
Always Wash Hands						
No	REF					
Yes	1.20	0.65 – 2.22	0.57			
Employment						
Retired	REF		0.26 ^b			
Employed	0.61	0.29 – 1.28	0.19			
Not Employed	1.08	0.43 – 2.72	0.87			

a: Blood or marrow transplant; b: p-value for whole group

Supplemental Table 6. Risk of Hospitalization Among BMT^a Survivors

Risk factors	Univariate analysis			Multivariable analysis		
	OR	95%CI	p-value	aOR	95%CI	p-value
COVID-19 test positive vs. negative						
Not Positive	REF			REF		
Positive	1.24	0.86 – 1.79	0.24	1.32	0.89 – 1.95	0.17
Age at study participation						
<65 years	REF			REF		
≥65 years	1.89	1.60 – 2.23	<.0001	1.58	1.31 – 1.90	<.0001
Race/ Ethnicity						
Non-Hispanic White	REF		0.0002 ^b	REF		0.001^b
African American	0.70	0.48 – 1.02	0.06	0.61	0.41 – 0.91	0.02
Hispanic	0.72	0.55 – 0.95	0.02	0.78	0.58 – 1.04	0.09
Other	0.54	0.39 – 0.75	0.0002	0.56	0.40 – 0.80	0.001
Sex						
Female	REF					
Male	1.09	0.93 – 1.28	0.30			
Annual Household Income						
≥\$75000	REF					
<\$75,000	0.90	0.76 – 1.08	0.25			
Education						
≥College	REF		0.84 ^b			
High School to some College	0.95	0.80 – 1.14	0.59			
<High School	0.95	0.75 – 1.20	0.67			
Have Insurance						
No	REF					
Yes	1.41	0.77 – 2.59	0.27			
Chronic Health Conditions						
Grade 0-2	REF			REF		
Grade 3-4	2.12	1.79 – 2.50	<.0001	1.89	1.58 – 2.25	<.0001
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF					
Yes	1.03	0.88 – 1.22	0.70			
Always Wear Mask						
No	REF					
Yes	1.22	0.95 – 1.58	0.12			
Always Stay 6 Feet Away						
No	REF					
Yes	1.10	0.92 – 1.31	0.31			
Always Wash Hands						
No	REF					
Yes	0.85	0.72 – 1.00	0.052			
Employment						
Retired	REF		<.0001 ^b			
Employed	0.56	0.47 – 0.67	<.0001			
Not Employed	0.71	0.56 – 0.89	0.004			
BMT Type						
Autologous	REF		0.04 ^b	REF		0.04 ^b
Allogeneic without chronic GvHD ^b	0.76	0.62 – 0.94	0.01	1.10	0.83 – 1.48	0.51
Allogeneic with chronic GvHD	0.91	0.75 – 1.10	0.32	1.38	1.06 – 1.80	0.02
BMT Survivors Follow up years						
≥20 years	REF		0.01 ^b	REF		<.0001 ^b
<10 years	0.74	0.59 – 0.93	0.01	0.52	0.40 – 0.67	<.0001
10-19 years	0.79	0.65 – 0.95	0.01	0.62	0.50 – 0.77	<.0001
BMT Survivors Primary Cancer						
Lymphoma	REF		<.0001 ^b	REF		<.0001 ^b

Leukemia	0.86	0.71 – 1.04	0.12	0.68	0.53 – 0.89	0.004
Plasma cell dyscrasias	1.36	1.08 – 1.71	0.01	1.51	1.17 – 1.96	0.002
Other	0.50	0.35 – 0.71	0.0001	0.46	0.30 – 0.71	0.0004
BMT Survivors Conditioning Intensity						
NMA/RIC ^c	REF					
MAC ^d	1.09	0.92 – 1.29	0.35			
Disease Status at BMT						
Standard risk	REF					
High risk	1.26	1.07 – 1.49	0.005			

a: Blood or marrow transplant; b: p-value for whole group

c: non-myeloablative or reduced intensity conditioning

d: myeloablative conditioning

Supplemental Table 7. Risk of Emergency Department Visits Among COVID-19 Positive Individuals – a Comparison Between BMT Survivors and non-BMT Comparison Group

Risk factors	Univariate analysis			Multivariable analysis		
	OR	95%CI	p-value	aOR	95%CI	p-value
COVID-19 test positive – BMT Survivors vs. non-BMT Comparison						
Non-BMT Comparison	REF			REF		
BMT Survivors	1.68	0.77 – 3.63	0.19	1.60	0.71 – 3.58	0.25
Age at study participation						
<65 years	REF			REF		
≥65 years	2.35	1.19 – 4.65	0.01	2.17	1.07 – 4.40	0.03
Race/ Ethnicity						
Non-Hispanic White	REF		0.14 ^b			
African American	3.35	1.00 – 11.23	0.049			
Hispanic	0.67	0.23 – 1.92	0.45			
Other	2.40	0.33 – 17.63	0.39			
Sex						
Female	REF					
Male	0.86	0.45 – 1.65	0.64			
Annual Household Income						
≥\$75000	REF			REF		
<\$75,000	2.55	1.23 – 5.30	0.02	2.29	1.09 – 4.83	0.05
Education						
≥College	REF		0.99 ^b			
High School to some College	0.97	0.49 – 2.01	0.91			
<High School	0.95	0.39 – 2.39	0.93			
Chronic Health Conditions						
Grade 0-2	REF					
Grade 3-4	1.53	0.79 – 2.97	0.21			
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF					
Yes	0.41	0.18 – 0.95	0.04			
Always Wear Mask						
No	REF					
Yes	1.34	0.59 – 3.01	0.48			
Always Stay 6 Feet Away						
No	REF					
Yes	1.29	0.65 – 2.54	0.47			
Always Wash Hands						
No	REF					
Yes	1.20	0.62 – 2.31	0.59			
Employment						
Retired	REF		0.07 ^b			
Employed	0.48	0.22 – 1.05	0.06			
Not Employed	1.11	0.43 – 2.83	0.84			

a: Blood or marrow transplant; b: p-value for whole group

Supplemental Table 8. Risk of Emergency Department Visits Infection Among BMT^a Survivors

Risk factors	Univariate analysis			Multivariable analysis		
	OR	95%CI	p-value	aOR	95%CI	p-value
COVID-19 test positive vs. negative						
Not positive	REF			REF		
Positive	2.44	1.65 – 3.61	<.0001	2.63	1.74 – 3.98	<.0001
Age at study participation						
<65 years	REF					
≥65 years	1.39	1.13 – 1.71	0.002			
Race/ Ethnicity						
Non-Hispanic White	REF		0.03 ^b			
African American	1.76	1.17 – 2.63	0.007			
Hispanic	1.28	0.93 – 1.77	0.13			
Other	1.07	0.72 – 1.58	0.73			
Sex						
Female	REF					
Male	1.02	0.83 – 1.25	0.86			
Annual Household Income						
≥\$75,000	REF					
<\$75,000	1.49	1.19 – 1.87	0.001			
Education						
≥College	REF		0.001 ^b	REF		0.01
High School to some College	1.36	1.08 – 1.71	0.01	1.29	1.02 – 1.63	0.04
<High School	1.65	1.24 – 2.20	0.001	1.52	1.13 – 2.05	0.006
Have Insurance						
No	REF					
Yes	1.93	0.76 – 4.91	0.17			
Chronic Health Conditions						
Grade 0-2	REF			REF		
Grade 3-4	1.68	1.35 – 2.08	<.0001	1.50	1.20 – 1.87	0.0004
Contact with COVID-19 test positive individuals (family members/ friends/at work)						
No	REF					
Yes	0.89	0.72 – 1.09	0.26			
Always Wear Mask						
No	REF			REF		
Yes	1.61	1.12 – 2.32	0.01	1.69	1.15 – 2.48	0.01
Always Stay 6 Feet Away						
No	REF					
Yes	1.38	1.08 – 1.75	0.009			
Always Wash Hands						
No	REF					
Yes	1.13	0.92 – 1.39	0.24			
Employment						
Retired	REF		<.0001 ^b			
Employed	0.61	0.48 – 0.77	<.0001			
Not Employed	1.21	0.92 – 1.59	0.18			
BMT Type						
Autologous	REF		0.01 ^b			
Allogeneic without chronic GvHD ^b	0.67	0.51 – 0.88	0.004			
Allogeneic with chronic GvHD	0.80	0.63 – 1.02	0.07			
BMT Survivors Follow up years						
≥20 years	REF		0.77			
<10 years	0.91	0.68 – 1.20	0.49			
10-19 years	0.94	0.74 – 1.19	0.59			
BMT Survivors Primary Cancer						
Lymphoma	REF		0.005 ^b			

Leukemia	0.89	0.70 – 1.14	0.36			
Plasma cell dyscrasias	1.40	1.06 – 1.86	0.02			
Other	0.75	0.48 – 1.18	0.22			
BMT Survivors Conditioning Intensity						
NMA/RIC ^c	REF					
MAC ^d	1.15	0.92 – 1.44	0.22			
Disease Status at BMT						
Standard risk	REF			REF		
High risk	1.37	1.11 – 1.68	0.003	1.29	1.04 – 1.60	0.02

a: Blood or marrow transplant; b: p-value for whole group c: non-myeloablative or reduced intensity conditioning; d: myeloablative conditioning