SUPPLMENTARY MATERIALS

Supplemental Table 1. Questions from Chronic Renal Insufficiency Cohort (CRIC) COVID-19 survey regarding symptoms of anxiety, worry and mood

Domain	Question from CRIC COVID-19 survey
General Anxiety	I have a hard time sleeping because of COVID-19
	I have difficulties concentrating because of COVID-19
	I am feeling overwhelmed because of COVID-19
	I am anxious about seeing my doctor for healthcare not related to COVID-19
Worry	I am very worried about getting COVID-19
	I am very worried about my family and/or friends getting COVID-19
	I am very worried about giving someone else COVID-19
	I am worried about money because of COVID-19
	I am worried about having enough food because of COVID-19
	I am worried about medical bills if I get sick from COVID-19
Mood and Feelings	Social distancing recommendations negatively impacted mood
	I am feeling alone and isolated
	I have felt depressed
	I have felt hopeful about the future
Participants were asked whether they agreed or disagreed with the above statements (answered a 5-point Likert scale of strongly disagree to strongly agree for each statement). Questions asked about overall experience during COVID-19 pandemic to-date.	

Supplemental Table 2. Questions from Chronic Renal Insufficiency Cohort (CRIC) COVID-19 survey regarding mitigation and other behaviors

Category	Question	Response Options	Number (%) of Responses
COVID-19 Mitigation Behaviors	Since the COVID-19 pandemic began, have you traveled outside of your state/country?	1. No 2. Yes, outside the state but within the country 3. Yes, outside the country	1872 (99.9%)
	In the past week, when you go out in public, how often do you wear a mask?*	1. I don't go out in public 2. All of the time 3. Most of the time 4. Some of the time 5. Rarely 6. Never	1860 (99.3%)
	In the past week, when you interact with people who are not part of your household, how often are you able to remain 6 or more feet apart?	1. I don't interact with people outside of my household 2. All of the time 3. Most of the time 4. Some of the time 5. Rarely 6. Never	1871 (99.9%)
Other Behaviors	Please describe how the COVID-19 pandemic has affected your ability to eat a healthy diet:	1. Eating healthy less often compared to before 2. No change in healthy diet intake compared to before 3. Eat healthy more often compared to before	1866 (99.6%)
	Please describe how the COVID-19 pandemic has affected your ability to stay active:	1. You are less active than before 2. No change in activity compared to before 3. You are more active compared to before	1857 (99.1%)

	Compared to before the pandemic, has your weight:	1. Increased (or gained weight) 2. Stayed the same 3. Decreased (or lost weight)	1858 (99.2%)

* This question was not asked of people (0.85%) who reported not having access to a mask

Supplemental Table 3. Correlation Matrix of All COVID-19 Anxiety Questions

	General Anxiety				Worry						Mood			
	Hard time sleeping	Difficulty concentrating	Feeling overwhelmed	Anxious abt seeing doctor	V worried abt get COVID-19	V worried family/fr COVID-19	V worried abt transm COVID-19	Worry abt money	Worried abt enough food	Worried about medical bills	Social dist neg impacts mood	Feeling alone isolated	Felt depressed	Felt hopeful abt future
Hard time sleeping	1.00	0.58	0.43	0.29	0.27	0.19	0.25	0.35	0.35	0.33	0.24	0.35	0.42	-0.06
Diff concentrating	0.58	1.00	0.50	0.30	0.27	0.21	0.25	0.35	0.36	0.33	0.24	0.38	0.48	-0.05
Feel overwhelmed	0.43	0.50	1.00	0.34	0.37	0.31	0.32	0.40	0.40	0.38	0.27	0.42	0.50	-0.09
Anxious about seeing doctor	0.29	0.30	0.34	1.00	0.32	0.30	0.27	0.32	0.34	0.32	0.18	0.33	0.34	-0.01
V worried about getting COVID-19	0.27	0.27	0.37	0.32	1.00	0.61	0.46	0.25	0.22	0.26	0.16	0.20	0.24	-0.04
V worried family friends get COVID	0.19	0.21	0.31	0.30	0.61	1.00	0.49	0.22	0.19	0.26	0.13	0.20	0.21	0.01
V worried: transmit COVID-19	0.25	0.25	0.32	0.27	0.46	0.49	1.00	0.25	0.25	0.29	0.16	0.18	0.22	-0.02
Worried about money	0.35	0.35	0.40	0.32	0.25	0.22	0.25	1.00	0.58	0.50	0.23	0.32	0.33	-0.02
Worried about enough food	0.35	0.36	0.40	0.34	0.22	0.19	0.25	0.58	1.00	0.50	0.20	0.33	0.31	-0.05
Worried about medical bills	0.33	0.33	0.38	0.32	0.26	0.26	0.29	0.50	0.50	1.00	0.15	0.24	0.29	-0.01
Social distancing negatively impacts mood	0.24	0.24	0.27	0.18	0.16	0.13	0.16	0.23	0.20	0.15	1.00	0.33	0.33	-0.09
Feeling alone and isolated	0.35	0.38	0.42	0.33	0.20	0.20	0.18	0.32	0.33	0.24	0.33	1.00	0.52	-0.08
Felt depressed	0.42	0.48	0.50	0.34	0.24	0.21	0.22	0.33	0.31	0.29	0.33	0.52	1.00	-0.09
Felt hopeful about future	-0.06	-0.05	-0.09	-0.01	-0.04	0.01	-0.02	-0.02	-0.05	-0.01	-0.09	-0.08	-0.09	1.00

Supplemental Table 4. Linear regression examining associations between patient factors, anxiety composite score and anxiety survey sub-construct scores, with scores coded as linear functions.

Factor	Overall anxiety	General Anxiety	Worry	Mood
Age (per 5 years)	-0.09 (-0.12, -0.05)*	-0.07 (-0.11, -0.03)*	-0.11 (-0.16, -0.07) *	-0.07 (-0.11, -0.03) *
Female	0.20 (0.08, 0.32)*	0.35 (0.21, 0.50)*	-0.0 (-0.15, 0.14)	0.37 (0.22, 0.51) *
Hispanic	0.68 (0.42, 0.94)*	0.86 (0.55, 1.17) *	1.01 (0.69, 1.33) *	0.01 (-0.31, 0.32)
Non-Hispanic Black	-0.03 (-0.16, 0.11)	0.02 (-0.14, 0.19)	0.07 (-0.09, 0.24)	-0.24 (-0.40, -0.07) *
Other	0.18 (-0.19, 0.55)	0.23 (-0.21, 0.68)	0.38 (-0.08, 0.83) †	-0.18 (-0.63, 0.26)
Diabetes	0.04 (-0.08, 0.15)	0.07 (-0.07, 0.21)	0.01 (-0.13, 0.15)	0.05 (-0.09, 0.19)
CVD	0.06 (-0.06, 0.17)	-0.01 (-0.15, 0.14)	0.03 (-0.12, 0.18)	0.16 (0.02, 0.31) *
eGFR (per 10 units)	0.02 (-0.01, 0.05)	0.01 (-0.03, 0.04)	0.02 (-0.01, 0.06)	0.02 (-0.02, 0.05)
Unemployed	0.09 (-0.04, 0.22)	0.07 (-0.08, 0.23)	0.08 (-0.08, 0.23)	0.12 (-0.04, 0.27)
Marginal Health Literacy	0.36 (0.11, 0.62)*	0.26 (-0.05, 0.57) †	0.35 (0.04, 0.67) *	0.48 (0.17, 0.79) *
Inadequate Health Literacy	0.29 (0.02, 0.55)*	0.33 (0.02, 0.65) *	0.23 (-0.10, 0.55)	0.32 (0.01, 0.64) *
Medicaid Health Insurance	-0.04 (-0.24, 0.15)	0.01 (-0.22, 0.24)	-0.06 (-0.29, 0.18)	-0.08 (-0.31, 0.15)
No Health Insurance	0.14 (-0.19, 0.47)	-0.02 (-0.43, 0.38)	0.34 (-0.07, 0.75)	0.01 (-0.39, 0.41)
Former Smoker	0.09 (-0.02, 0.21)	0.07 (-0.06, 0.21)	0.07 (-0.07, 0.21)	0.15 (0.01, 0.29) *
Current Smoker	0.20 (-0.05, 0.43)	0.35 (0.05, 0.64) *	0.22 (-0.08, 0.52)	0.02 (-0.27, 0.32)
Household Income >$100K	-0.39 (-0.63, -0.16)*	-0.34 (-0.62, -0.06) *	-0.44 (-0.73, -0.15) *	-0.38 (-0.66, -0.10) *

*p<0.05; †0.05 ≤ p < 0.10;

Adjusted for age at survey (integer), sex, race ethnicity, education, clinical site, history of diabetes, history of any CVD, eGFR using CRIC equation, total Met score from physical activity, status of employment, functional health literacy, health insurance status, annual income, marital status, current smoker, and time from 1st CRIC visit to COVID-19 survey.

Reference groups: Non-Hispanic White for race/ethnicity, adequate for health literacy, other for health insurance.

CVD: cardiovascular disease; COPD: chronic obstructive pulmonary disease; eGFR: estimated glomerular filtration rate; COVID-19: Coronavirus 2019.

Supplemental Table 5. Logistic regression examining associations between patient factors and odds of any overall anxiety and anxiety survey sub-construct.

Factor	Any overall anxiety	Any general Anxiety	Any worry	Any adverse mood
Age (per 5 years)	0.91 (0.83-0.99)[*]	0.89 (0.83-0.94)[*]	0.90 (0.83-0.97)[*]	0.92 (0.87-0.98)[*]
Female	1.50 (1.10-2.04)[*]	1.36 (1.10-1.69)[*]	1.02 (0.80-1.31)	1.54 (1.25-1.91)[*]
Hispanic	1.74 (0.79-3.87)	1.61 (0.99-2.62)[†]	2.53 (1.32-4.83)[*]	0.86 (0.54-1.37)
Non-Hispanic Black	0.88 (0.63-1.24)	0.83 (0.65-1.05)	0.95 (0.72-1.25)	0.90 (0.71-1.15)
Other	1.09 (0.44-2.75)	1.55 (0.79-3.01)	1.06 (0.50-2.25)	1.32 (0.68-2.54)
Diabetes	1.08 (0.81-1.45)	1.04 (0.84-1.28)	0.96 (0.76-1.22)	1.12 (0.91-1.38)
CVD	1.10 (0.81-1.49)	0.99 (0.80-1.23)	1.14 (0.89-1.46)	1.18 (0.95-1.46)
eGFR (per 10 mL/min/1.73m^2)	0.93 (0.86-1.00)[†]	0.99 (0.94-1.05)	0.98 (0.92-1.04)	1.03 (0.98-1.08)
Unemployed	1.12 (0.81-1.55)	1.00 (0.79-1.26)	1.18 (0.90-1.54)	1.20 (0.96-1.51)
Marginal Health Literacy	1.91 (0.84-4.35)	1.76 (1.07-2.88)[*]	1.10 (0.63-1.92)	1.75 (1.09-2.83)[*]
Inadequate Health Literacy	3.56 (1.06-11.93)[*]	1.56 (0.93-2.61)[†]	1.29 (0.68-2.46)	1.52 (0.94-2.46)[†]
Medicaid Health Insurance	1.17 (0.68-2.00)	1.03 (0.72-1.47)	1.08 (0.71-1.64)	1.19 (0.84-1.69)
No Health Insurance	1.37 (0.50-3.76)	0.80 (0.42-1.50)	1.28 (0.58-2.84)	1.11 (0.61-2.01)
Former Smoker	1.37 (1.02-1.85)[*]	1.20 (0.97-1.48)[†]	1.14 (0.90-1.44)	1.43 (1.16-1.76)[*]
Current Smoker	1.07 (0.54-2.10)	0.97 (0.62-1.51)	1.34 (0.77-2.35)	1.09 (0.70-1.69)
Household Income >$100,000 vs ≤$20,000 per year	1.23 (0.67-2.24)	0.47 (0.31-0.72)[*]	0.92 (0.57-1.50)	0.69 (0.45-1.05)[†]

[*]p<0.05; [†]0.05 ≤ p < 0.10 – to note which p values below certain point.

Adjusted for age at survey (integer), sex, race ethnicity, education, clinical site, history of diabetes, history of any CVD, eGFR using CRIC equation, total metabolic equivalents score

from physical activity, status of employment, functional health literacy, health insurance status, annual income, marital status, current smoker, and time from 1st CRIC visit to COVID-19 survey.

Reference groups: Non-Hispanic White for race/ethnicity, employed for unemployed, adequate for health literacy, other for health insurance, household income ≤20,000 for income.
CVD: cardiovascular disease; COPD: chronic obstructive pulmonary disease; eGFR: estimated glomerular filtration rate.