

SUPPLEMENTARY TABLE 2. Stratified survey results of selected questions according to extended psychometric analysis administered to newly diagnosed patients

Selected questions	Response	Newly diagnosed patients (all)	Anxiety (low-risk)	Anxiety (high-risk)	Depression (low-risk)	Depression (high-risk)	Intolerance to uncertainty (low-risk)	Intolerance to uncertainty (high-risk)	PTSD (low-risk)	PTSD (high-risk)
1 Do you think patients with cancer are more susceptible to COVID-19? (n=101)	Definitely	19.8%	13.8%	22.2%	15.2%	23.6%	12.7%	31.6%	10.7%	31.1%
	Probably	60.4%	65.5%	58.3%	63.0%	58.2%	69.8%	44.7%	62.5%	57.8%
	Probably not	15.8%	13.8%	16.7%	15.2%	16.4%	11.1%	23.7%	19.6%	11.1%
	Definitely not	4.0%	6.9%	2.8%	6.5%	1.8%	6.3%	0.0%	7.1%	0.0%
2 In your opinion, how will cancer resources be affected by the pandemic? (n=100)	Depleted a lot	6.0%	6.9%	5.6%	6.5%	5.6%	6.5%	5.3%	5.5%	6.7%
	Depleted a little	50.0%	48.3%	50.7%	50.0%	50.0%	54.8%	42.1%	54.5%	44.4%
	No change	29.0%	34.5%	26.8%	32.6%	25.9%	30.6%	26.3%	32.7%	24.4%
	Increased a little	11.0%	6.9%	12.7%	8.7%	13.0%	6.5%	18.4%	5.5%	17.8%
	Increased a lot	4.0%	3.4%	4.2%	2.2%	5.6%	1.6%	7.9%	1.8%	6.7%
3 Compared with pre-COVID-19 pandemic, what is your level of concern about healthcare workforce shortages and their impact on your treatment? (n=102)	More than before	29.4%	17.2%	34.2%	19.6%	37.5%	23.4%	39.5%	24.6%	35.6%
	Same as before	37.3%	31.0%	39.7%	34.8%	39.3%	32.8%	44.7%	31.6%	44.4%
	Not concerned	32.4%	51.7%	24.7%	45.7%	21.4%	42.2%	15.8%	43.9%	17.8%
	Less than before	1.0%	0.0%	1.4%	0.0%	1.8%	1.6%	0.0%	0.0%	2.2%
4 The pandemic has led to cancellation/deferral of many international cancer conferences. Are you concerned about the impact on anti-cancer drug development? (n=102)	Definitely	12.7%	10.3%	13.7%	6.5%	17.9%	7.8%	21.1%	10.5%	15.6%
	Probably	55.9%	55.2%	56.2%	54.3%	57.1%	53.1%	60.5%	52.6%	60.0%
	Probably not	15.7%	10.3%	17.8%	19.6%	12.5%	20.3%	7.9%	19.3%	11.1%
	Definitely not	15.7%	24.1%	12.3%	19.6%	12.5%	18.8%	10.5%	17.5%	13.3%
5 Have you been using more traditional Chinese medicine (eg, herbal tea) because of the pandemic? (n=102)	Yes	9.8%	3.4%	12.3%	6.5%	12.5%	6.3%	15.8%	5.3%	15.6%
	No	90.2%	96.6%	87.7%	93.5%	87.5%	93.8%	84.2%	94.7%	84.4%
6 Have you been using more health supplements (eg, vitamins) because of the pandemic? (n=102)	Yes	22.5%	24.1%	21.9%	21.7%	23.2%	23.4%	21.1%	21.1%	24.4%
	No	77.5%	75.9%	78.1%	78.3%	76.8%	76.6%	78.9%	78.9%	75.6%
7 If you were to develop a fever in the coming week, how confident would you be in identifying its cause (COVID-19-related vs cancer-related)? (n=100)	Very confident	5.0%	14.8%	1.4%	9.1%	1.8%	6.5%	2.6%	5.5%	4.4%
	Quite confident	44.0%	48.1%	42.5%	50.0%	39.3%	46.8%	39.5%	47.3%	40.0%
	Not too confident	38.0%	37.0%	38.4%	36.4%	39.3%	43.5%	28.9%	40.0%	35.6%
	Definitely not confident	13.0%	0.0%	17.8%	4.5%	19.6%	3.2%	28.9%	7.3%	20.0%
8 Are you paying more attention to your own symptoms because of the pandemic? (n=102)	Yes	86.3%	93.1%	83.6%	87.0%	85.7%	84.4%	89.5%	80.7%	93.3%
	No	13.7%	6.9%	16.4%	13.0%	14.3%	15.6%	10.5%	19.3%	6.7%
11 How has the pandemic affected your willingness to attend hospital appointments? (n=101)	Reduced a lot	3.0%	3.4%	2.8%	4.3%	1.8%	3.1%	2.7%	1.8%	4.5%
	Reduced a little	14.9%	24.1%	11.1%	17.4%	12.7%	15.6%	13.5%	15.8%	13.6%
	No change	76.2%	69.0%	79.2%	71.7%	80.0%	75.0%	78.4%	78.9%	72.7%
	Increased a little	4.0%	0.0%	5.6%	4.3%	3.6%	4.7%	2.7%	1.8%	6.8%
	Increased a lot	2.0%	3.4%	1.4%	2.2%	1.8%	1.6%	2.7%	1.8%	2.3%
12 How has the pandemic affected your willingness to undergo clinical tests (eg, blood draws) before follow-up appointments? (n=100)	Reduced a lot	1.0%	0.0%	1.4%	0.0%	1.9%	0.0%	2.8%	0.0%	2.3%
	Reduced a little	11.0%	17.2%	8.5%	10.9%	11.1%	12.5%	8.3%	8.8%	14.0%
	No change	83.0%	79.3%	84.5%	82.6%	83.3%	82.8%	83.3%	87.7%	76.7%
	Increased a little	4.0%	0.0%	5.6%	4.3%	3.7%	3.1%	5.6%	1.8%	7.0%
	Increased a lot	1.0%	3.4%	0.0%	2.2%	0.0%	1.6%	0.0%	1.8%	0.0%
13 How has the pandemic affected your willingness to seek medical attention when you feel unwell (because of disease/treatment)? (n=99)	Reduced a lot	2.0%	3.4%	1.4%	2.2%	1.9%	1.6%	2.8%	1.8%	2.3%
	Reduced a little	17.2%	17.2%	17.1%	17.4%	17.0%	17.5%	16.7%	14.3%	20.9%
	No change	67.7%	72.4%	65.7%	71.7%	64.2%	73.0%	58.3%	75.0%	58.1%
	Increased a little	11.1%	6.9%	12.9%	6.5%	15.1%	7.9%	16.7%	7.1%	16.3%
	Increased a lot	2.0%	0.0%	2.9%	2.2%	1.9%	0.0%	5.6%	1.8%	2.3%
14 How has the pandemic affected your willingness to be hospitalised if recommended by your doctor? (n=99)	Less willing	23.2%	17.9%	25.4%	20.0%	25.9%	23.8%	22.2%	25.0%	20.9%
	No change	69.7%	71.4%	69.0%	66.7%	72.2%	71.4%	66.7%	67.9%	72.1%
	More willing	7.1%	10.7%	5.6%	13.3%	1.9%	4.8%	11.1%	7.1%	7.0%
15 Are you more concerned about outpatient clinic waiting time? (n=101)	Yes	54.5%	37.9%	61.1%	43.5%	63.6%	46.9%	67.6%	43.9%	68.2%
	No	45.5%	62.1%	38.9%	56.5%	36.4%	53.1%	32.4%	56.1%	31.8%
16 Medical staff may maintain some physical distance from patients during the pandemic. Do you think this is acceptable? (n=101)	Yes	98.0%	100.0%	97.2%	100.0%	96.4%	98.4%	97.3%	96.5%	100.0%
	No	2.0%	0.0%	2.8%	0.0%	3.6%	1.6%	2.7%	3.5%	0.0%
17 How does physical distancing affect your overall clinic experience? (n=100)	Worsened a lot	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Worsened a little	15.0%	6.9%	18.3%	6.7%	21.8%	14.1%	16.7%	14.3%	15.9%
	No change	84.0%	93.1%	80.3%	93.3%	76.4%	85.9%	80.6%	85.7%	81.8%
	Improved a little	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Improved a lot	1.0%	0.0%	1.4%	0.0%	1.8%	0.0%	2.8%	0.0%	2.3%

SUPPLEMENTARY TABLE 2. (cont'd)

Selected questions	Response	Newly diagnosed patients (all)	Anxiety (low-risk)	Anxiety (high-risk)	Depression (low-risk)	Depression (high-risk)	Intolerance to uncertainty (low-risk)	Intolerance to uncertainty (high-risk)	PTSD (low-risk)	PTSD (high-risk)
18 How safe do you think it is to attend hospital follow-up appointments during the pandemic? (n=100)	Very risky	2.0%	3.4%	1.4%	2.2%	1.8%	1.6%	2.8%	1.8%	2.3%
	Quite risky	38.0%	27.6%	42.3%	31.1%	43.6%	42.2%	30.6%	35.1%	41.9%
	Quite safe	22.0%	20.7%	22.5%	22.2%	21.8%	18.8%	27.8%	19.3%	25.6%
	Very safe	8.0%	17.2%	4.2%	13.3%	3.6%	9.4%	5.6%	10.5%	4.7%
19 How do you feel about protective measures taken by the hospital during the pandemic? (n=99)	Not sure	30.0%	31.0%	29.6%	31.1%	29.1%	28.1%	33.3%	33.3%	25.6%
	Very inadequate	3.0%	3.4%	2.9%	2.2%	3.7%	1.6%	5.4%	1.8%	4.7%
	Inadequate	21.2%	10.3%	25.7%	15.6%	25.9%	22.6%	18.9%	21.4%	20.9%
	Adequate	63.6%	75.9%	58.6%	68.9%	59.3%	62.9%	64.9%	64.3%	62.8%
20 Inpatient visiting is not allowed during the pandemic. Do you think this is acceptable? (n=102)	Very adequate	12.1%	10.3%	12.9%	13.3%	11.1%	12.9%	10.8%	12.5%	11.6%
	Yes	81.4%	96.6%	75.3%	89.1%	75.0%	82.8%	78.9%	86.0%	75.6%
21 Outpatient follow-up frequencies have been reduced during the pandemic. Do you think such reduction should continue after the pandemic? (n=101)	No	18.6%	3.4%	24.7%	10.9%	25.0%	17.2%	21.1%	14.0%	24.4%
	Yes	43.6%	62.1%	36.1%	52.2%	36.4%	50.8%	31.6%	43.9%	43.2%
22 During the pandemic, patients with stable conditions are informed by phone to return for medication refills, without the requirement for an oncologist examination. Do you think this arrangement should continue after the pandemic? (n=101)	No	56.4%	37.9%	63.9%	47.8%	63.6%	49.2%	68.4%	56.1%	56.8%
	Yes	61.4%	71.4%	57.5%	68.9%	55.4%	63.5%	57.9%	64.3%	57.8%
23 During the pandemic, are you more likely to choose an outpatient regimen, despite worse efficacy or side-effect profile? (n=97)	No	38.6%	28.6%	42.5%	31.1%	44.6%	36.5%	42.1%	35.7%	42.2%
	Yes	45.4%	42.3%	46.5%	46.5%	44.4%	40.0%	54.1%	47.2%	43.2%
24 Has your decision to receive chemotherapy been affected by the pandemic? (n=97)	No	54.6%	57.7%	53.5%	53.5%	55.6%	60.0%	45.9%	52.8%	56.8%
	N/A	10.3%	18.5%	7.1%	15.9%	5.7%	13.3%	5.4%	13.5%	6.7%
	Yes	7.2%	3.7%	8.6%	4.5%	9.4%	3.3%	13.5%	5.8%	8.9%
25 Has your decision to receive radiotherapy been affected by the pandemic? (n=97)	No	82.5%	77.8%	84.3%	79.5%	84.9%	83.3%	81.1%	80.8%	84.4%
	N/A	11.3%	11.1%	11.4%	9.3%	13.0%	13.1%	8.3%	15.1%	6.8%
	Yes	6.2%	3.7%	7.1%	2.3%	9.3%	1.6%	13.9%	3.8%	9.1%
26 How do you feel about the amount of information regarding COVID-19 that you receive from different sources? (n=101)	No	82.5%	85.2%	81.4%	88.4%	77.8%	85.2%	77.8%	81.1%	84.1%
	Inadequate	9.9%	7.1%	11.0%	8.9%	10.7%	6.3%	15.8%	5.4%	15.6%
	Just right	84.2%	85.7%	83.6%	82.2%	85.7%	87.3%	78.9%	83.9%	84.4%
27 On average, how much time per day do you spend on news about the COVID-19 pandemic? (n=101)	Too much	5.9%	7.1%	5.5%	8.9%	3.6%	6.3%	5.3%	10.7%	0.0%
	0-10 mins	30.7%	32.1%	30.1%	31.1%	30.4%	31.7%	28.9%	28.6%	33.3%
	10-30 mins	45.5%	42.9%	46.6%	42.2%	48.2%	46.0%	44.7%	42.9%	48.9%
	30-60 mins	16.8%	21.4%	15.1%	17.8%	16.1%	14.3%	21.1%	19.6%	13.3%
	1-2 hours	5.9%	3.6%	6.8%	8.9%	3.6%	6.3%	5.3%	8.9%	2.2%
31 How do you feel about available information regarding the impact of COVID-19 on patients with cancer? (n=98)	>2 hours	1.0%	0.0%	1.4%	0.0%	1.8%	1.6%	0.0%	0.0%	2.2%
	Very adequate	5.1%	12.0%	2.7%	7.1%	3.6%	5.0%	5.3%	3.8%	6.7%
	Adequate	35.7%	48.0%	31.5%	45.2%	28.6%	40.0%	28.9%	41.5%	28.9%
	Inadequate	43.9%	28.0%	49.3%	35.7%	50.0%	43.3%	44.7%	39.6%	48.9%
	Very inadequate	15.3%	12.0%	16.4%	11.9%	17.9%	11.7%	21.1%	15.1%	15.6%
32 Are you worried that you will be infected by your family/caregiver? (n=99)	Definitely	4.0%	0.0%	5.5%	0.0%	7.1%	1.6%	7.9%	1.9%	6.7%
	Probably	28.3%	23.1%	30.1%	25.6%	30.4%	24.6%	34.2%	18.5%	40.0%
	Probably not	49.5%	46.2%	50.7%	48.8%	50.0%	49.2%	50.0%	53.7%	44.4%
	Definitely not	18.2%	30.8%	13.7%	25.6%	12.5%	24.6%	7.9%	25.9%	8.9%
33 Are you worried that your family/caregiver will be infected by you? (n=99)	Definitely	10.1%	7.7%	11.0%	9.3%	10.7%	8.2%	13.2%	7.4%	13.3%
	Probably	33.3%	19.2%	38.4%	25.6%	39.3%	29.5%	39.5%	22.2%	46.7%
	Probably not	43.4%	57.7%	38.4%	48.8%	39.3%	42.6%	44.7%	50.0%	35.6%
	Definitely not	13.1%	15.4%	12.3%	16.3%	10.7%	19.7%	2.6%	20.4%	4.4%
34 If you or your family members are placed under quarantine, will you actively inform medical staff? (n=99)	Definitely	89.9%	88.5%	90.4%	90.7%	89.3%	88.5%	92.1%	87.0%	93.3%
	Probably	7.1%	7.7%	6.8%	4.7%	8.9%	6.6%	7.9%	7.4%	6.7%
	Probably not	2.0%	3.8%	1.4%	2.3%	1.8%	3.3%	0.0%	3.7%	0.0%
	Definitely not	1.0%	0.0%	1.4%	2.3%	0.0%	1.6%	0.0%	1.9%	0.0%
35 In your opinion, how will a confirmed diagnosis of COVID-19 affect cancer treatment? (n=96)	Definitely	24.0%	4.2%	30.6%	20.0%	26.8%	16.9%	35.1%	23.1%	25.0%
	Negatively	52.1%	66.7%	47.2%	55.0%	50.0%	57.6%	43.2%	51.9%	52.3%
	No impact	11.5%	16.7%	9.7%	10.0%	12.5%	8.5%	16.2%	11.5%	11.4%
	Positively	11.5%	12.5%	11.1%	12.5%	10.7%	15.3%	5.4%	11.5%	11.4%
	Very positively	1.0%	0.0%	1.4%	2.5%	0.0%	1.7%	0.0%	1.9%	0.0%

SUPPLEMENTARY TABLE 2. (cont'd)

Selected questions	Response	Newly diagnosed patients (all)	Anxiety (low-risk)	Anxiety (high-risk)	Depression (low-risk)	Depression (high-risk)	Intolerance to uncertainty (low-risk)	Intolerance to uncertainty (high-risk)	PTSD (low-risk)	PTSD (high-risk)
36 How has your sleep quality been affected by the pandemic? (n=98)	Worsened a lot	6.1%	0.0%	8.3%	2.4%	8.9%	4.9%	8.1%	3.7%	9.1%
	Worsened a little	33.7%	15.4%	40.3%	23.8%	41.1%	23.0%	51.4%	24.1%	45.5%
	No change	60.2%	84.6%	51.4%	73.8%	50.0%	72.1%	40.5%	72.2%	45.5%
	Improved a little	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Improved a lot	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
37 Regarding the statement: Staying at home for longer during the pandemic results in deterioration of my physical and functional well-being. (n=98)	Totally agree	18.4%	4.0%	23.3%	11.9%	23.2%	8.3%	34.2%	11.3%	26.7%
	Partly agree	38.8%	28.0%	42.5%	35.7%	41.1%	40.0%	36.8%	41.5%	35.6%
	Neutral	33.7%	52.0%	27.4%	38.1%	30.4%	40.0%	23.7%	37.7%	28.9%
	Partly disagree	5.1%	4.0%	5.5%	4.8%	5.4%	5.0%	5.3%	1.9%	8.9%
	Totally disagree	4.1%	12.0%	1.4%	9.5%	0.0%	6.7%	0.0%	7.5%	0.0%
38 Regarding the statement: Family members spending more time together during the pandemic allows improved home care support. (n=98)	Totally agree	26.5%	32.0%	24.7%	35.7%	19.6%	30.0%	21.1%	24.5%	28.9%
	Partly agree	39.8%	36.0%	41.1%	38.1%	41.1%	38.3%	42.1%	37.7%	42.2%
	Neutral	31.6%	32.0%	31.5%	26.2%	35.7%	31.7%	31.6%	35.8%	26.7%
	Partly disagree	2.0%	0.0%	2.7%	0.0%	3.6%	0.0%	5.3%	1.9%	2.2%
	Totally disagree	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
39 Regarding the statement: Staying at home during the pandemic causes me to feel lonely and have a monotonous life. (n=99)	Totally agree	15.2%	3.8%	19.2%	9.3%	19.6%	9.8%	23.7%	11.1%	20.0%
	Partly agree	38.4%	34.6%	39.7%	37.2%	39.3%	36.1%	42.1%	40.7%	35.6%
	Neutral	34.3%	30.8%	35.6%	30.2%	37.5%	39.3%	26.3%	35.2%	33.3%
	Partly disagree	4.0%	11.5%	1.4%	9.3%	0.0%	6.6%	0.0%	3.7%	4.4%
	Totally disagree	8.1%	19.2%	4.1%	14.0%	3.6%	8.2%	7.9%	9.3%	6.7%
40 Regarding the statement: I am able to connect and interact with friends and family, despite social distancing measures. (n=99)	Totally agree	18.2%	30.8%	13.7%	25.6%	12.5%	19.7%	15.8%	18.5%	17.8%
	Partly agree	44.4%	42.3%	45.2%	48.8%	41.1%	44.3%	44.7%	40.7%	48.9%
	Neutral	25.3%	19.2%	27.4%	18.6%	30.4%	23.0%	28.9%	27.8%	22.2%
	Partly disagree	9.1%	0.0%	12.3%	2.3%	14.3%	8.2%	10.5%	7.4%	11.1%
	Totally disagree	3.0%	7.7%	1.4%	4.7%	1.8%	4.9%	0.0%	5.6%	0.0%
41 Regarding the statement: I am able to utilise my own resources to maintain a happy, fulfilled, and meaningful life during the pandemic lockdown. (n=98)	Totally agree	19.4%	40.0%	12.3%	28.6%	12.5%	25.0%	10.5%	22.6%	15.6%
	Partly agree	34.7%	36.0%	34.2%	35.7%	33.9%	33.3%	36.8%	28.3%	42.2%
	Neutral	30.6%	24.0%	32.9%	28.6%	32.1%	33.3%	26.3%	39.6%	20.0%
	Partly disagree	12.2%	0.0%	16.4%	4.8%	17.9%	8.3%	18.4%	5.7%	20.0%
	Totally disagree	3.1%	0.0%	4.1%	2.4%	3.6%	0.0%	7.9%	3.8%	2.2%
42 Before the pandemic, did you exercise regularly? (n=98)	Yes	55.1%	53.8%	55.6%	58.1%	52.7%	58.3%	50.0%	50.9%	60.0%
	No	44.9%	46.2%	44.4%	41.9%	47.3%	41.7%	50.0%	49.1%	40.0%
43 How has the time you spent exercising changed during the pandemic? (n=99)	Reduced a lot	22.2%	3.8%	28.8%	11.6%	30.4%	18.0%	28.9%	14.8%	31.1%
	Reduced a little	27.3%	38.5%	23.3%	30.2%	25.0%	31.1%	21.1%	25.9%	28.9%
	No change	39.4%	53.8%	34.2%	48.8%	32.1%	41.0%	36.8%	48.1%	28.9%
	Increased a little	11.1%	3.8%	13.7%	9.3%	12.5%	9.8%	13.2%	11.1%	11.1%
	Increased a lot	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46 Regarding the statement: The pandemic has worsened my appetite. (n=99)	Totally agree	4.0%	0.0%	5.5%	2.3%	5.4%	3.3%	5.3%	1.9%	6.7%
	Partly agree	19.2%	11.5%	21.9%	18.6%	19.6%	11.5%	31.6%	9.3%	31.1%
	Neutral	41.4%	26.9%	46.6%	30.2%	50.0%	39.3%	44.7%	42.6%	40.0%
	Partly disagree	9.1%	7.7%	9.6%	7.0%	10.7%	8.2%	10.5%	9.3%	8.9%
	Totally disagree	26.3%	53.8%	16.4%	41.9%	14.3%	37.7%	7.9%	37.0%	13.3%
47 Regarding the statement: I eat less frequently because of face mask use. (n=99)	Totally agree	6.1%	0.0%	8.2%	0.0%	10.7%	3.3%	10.5%	5.6%	6.7%
	Partly agree	24.2%	19.2%	26.0%	25.6%	23.2%	23.0%	26.3%	20.4%	28.9%
	Neutral	25.3%	23.1%	26.0%	18.6%	30.4%	24.6%	26.3%	20.4%	31.1%
	Partly disagree	13.1%	7.7%	15.1%	11.6%	14.3%	9.8%	18.4%	14.8%	11.1%
	Totally disagree	31.3%	50.0%	24.7%	44.2%	21.4%	39.3%	18.4%	38.9%	22.2%

Abbreviations: COVID-19 = coronavirus disease 2019; N/A = not applicable; PTSD = post-traumatic stress disorder