

Supplement

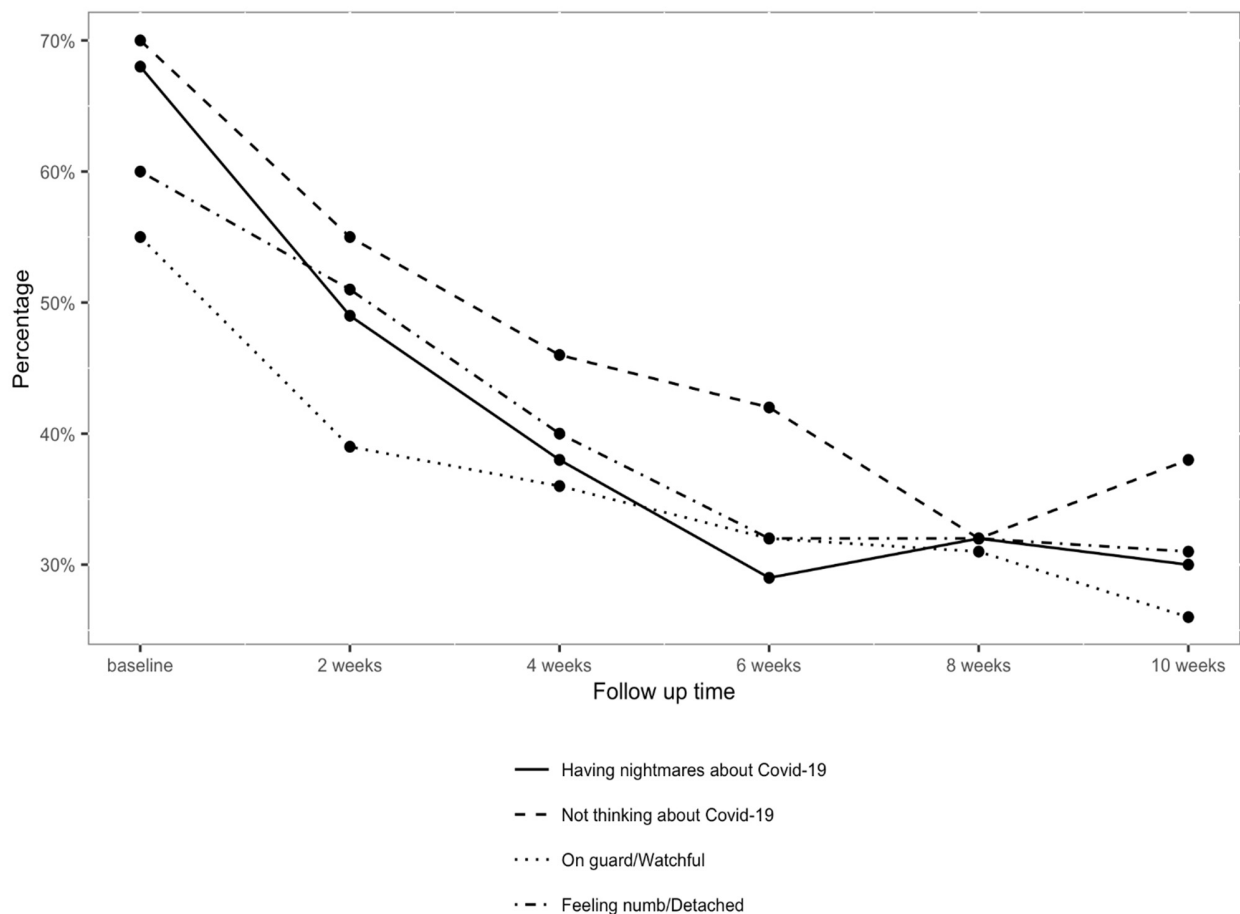
Supplementary Figure S1: PC-PTSD Questionnaire Symptom Domains across 10-week Follow-Up Period

Supplementary Table S1: Baseline characteristics of participants who agreed to participate in the longitudinal follow-up assessments (N=230) and those who did not agree to participate (N=597)

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Supplementary Table S3: Generalized estimating equation (GEE) univariable and multivariable models to identify factors associated with PC-PTSD score ≥ 3 at 6-week follow-up

Supplementary Figure S1:



Supplementary Table S1: Baseline characteristics of participants who agreed to participate in the longitudinal follow-up assessments (N=230) and those who did not agree to participate (N=597)

	Agreed to participate (N=230)	Did not agree to participate (N=597)	P-value^c
Sex (N %) Female Male Other	183 (79.6%) 46 (20.0%) 1 (0.4%)	474 (80.6%) 114 (19.4%) 0 (0%)	0.271
Race (N %) White Asian Black Other More than one race Hawaiian/Pacific Islander American Indian/Native American	148 (64.3%) 26 (11.3%) 21 (11.3%) 20 (8.7%) 14 (6.1%) 1 (0.4%) 0 (%)	334 (55.9%) 105 (17.6%) 47 (7.9%) 68 (11.4%) 36 (6.0%) 3 (0.5%) 4 (0.7%)	0.159
Ethnicity (N %) Not Hispanic or Latino Hispanic or Latino	191 (86.8%) 29 (13.2%)	485 (87.5%) 69 (12.5%)	0.784
Clinical location (N %) COVID-19 facing Not COVID-19 facing	190 (82.6%) 40 (17.4%)	480 (80.4%) 117 (19.6%)	0.468
Hours worked in past week (at baseline)^a Median (IQR)	41-50 hrs (31-40 h, 51-60 h)	41-50 hrs (31-40 h, 51-60 h)	0.093
Role (N %) Registered Nurse Attending Physician Resident/Fellow Advanced Practice Provider Other Prefer not to answer	115 (50.0%) 50 (21.7%) 43 (18.7%) 13 (5.7%) 8 (3.5%) 1 (0.4%)	347 (58.1%) 95 (15.9%) 98 (17.9%) 48 (8.0%) 6 (1.0%) 3 (0.5%)	0.077
Acute stress/PC-PTSD score^b Median (IQR)	3.00 (1.00, 4.00)	3.00 (2.00, 4.00)	0.116
Dichotomized acute stress/PC- PTSD score Moderate or severe acute stress/PTSD (positive screen, ≥ 3 score) None or mild acute stress/PTSD (< 3 score)	127 (55.2%) 103 (44.8%)	353 (59.1%) 244 (40.9%)	0.307

^a Selections were based on 13 categories: 0-10h, 11-20h, 21-30h, 31-40h, 41-50h, 51-60h, 61-70h, 71-80h, 91-100h, 101-110h, 111-120h, 120+h

^b Ratings were based on the 4-item Primary Care PTSD screen (range 0-4)

^c P-values are based on chi-squared/Fisher Exact test for categorical variables and Wilcoxon Rank-Sum test for continuous variables

PC-PTSD: primary care posttraumatic stress disorder

Supplementary Table S2: Baseline characteristics of participants who completed the 10-week follow-up assessment (N=88) and those who did not complete the 10-week follow-up assessment (N=142)

	Did not complete 10-week assessment (N=142)	Completed 10-week assessment (N=88)	P-value ^b
Age (yrs), median (IQR)	35 (31 – 44.3)	41 (32 - 53)	0.004
Sex (N %)			0.408
Female	114 (80.9%)	69 (77.5%)	
Male	27 (19.1%)	19 (21.3%)	
Other	0 (0%)	1 (1.1%)	
Race (N %)			0.334
White	84 (59.6%)	64 (71.9%)	
Asian	16 (11.3%)	10 (11.2%)	
Black	14 (9.9%)	7 (7.9%)	
Other	16 (8.7%)	4 (4.5%)	
More than one race	10 (7.1%)	4 (4.5%)	
Hawaiian/Pacific Islander	1 (0.7%)	0 (0%)	
American Indian/Native American	0 (%)	0 (0%)	
Ethnicity (N %)			0.302
Not Hispanic or Latino	118 (83.7%)	73 (82%)	
Hispanic or Latino	23 (16.3%)	16 (18%)	
Clinical location (N %)			0.020
COVID-facing	123 (87.2%)	67 (75.3%)	
Not COVID-facing	18 (12.8%)	22 (24.7%)	
Hours worked in past week (at baseline)^a			0.348
Median (IQR)	41-50 hrs (31-40 h, 51-60 h)	41-50 hrs (31-40 h, 51-60 h)	
Role (N %)			0.009
Registered Nurse	78 (55.3%)	37 (41.6%)	
Attending Physician	19 (13.5%)	30 (33.7%)	
Resident	23 (16.3%)	8 (9%)	
Advanced Practice Provider	0 (0%)	1 (1.1%)	
Fellow	9 (6.4%)	3 (3.4%)	
Other	11 (7.8%)	10 (11.2%)	
Prefer not to answer	1 (0.7%)	0 (0%)	

^a Selections were based on 13 categories: 0-10h, 11-20h, 21-30h, 31-40h, 41-50h, 51-60h, 61-70h, 71-80h, 91-100h, 101-110h, 111-120h, 120+h

^b P-values are based on chi-squared/Fisher Exact test for categorical variables and Wilcoxon Rank-Sum test for continuous variables

Supplementary Table S3: Generalized estimating equation (GEE) univariable and multivariable models to identify factors associated with PC-PTSD score ≥ 3 at 6-week follow-up

	Univariable model			Multivariable model		
Variable	B (SE)	OR (95% CI)	P-value	B (SE)	Adjusted OR (95% CI)	P-value
Age	-0.02 (0.01)	0.98 (0.96, 1.00)	0.061	-0.02 (0.01)	0.98 (0.96, 1.00)	0.083
Role (RN vs. other)	0.60 (0.24)	1.82 (1.13, 2.92)	0.013	0.43 (0.26)	1.54 (0.92, 2.55)	0.097
Sex (female vs. male)	1.22 (0.32)	3.39 (1.80, 6.37)	<0.001	1.06 (0.33)	2.89 (1.52, 5.52)	0.001
Clinical location (COVID-facing vs. not)	0.57 (0.21)	1.77 (1.17, 2.69)	0.007	0.46 (0.22)	1.58 (1.03, 2.45)	0.035
Work hours^a	0.03 (0.04)	1.03 (0.96, 1.11)	0.427	0.06 (0.04)	1.06 (0.98, 1.15)	0.128
Race/ethnicity (White, non-Hispanic/Latino vs. other)	-0.48 (0.24)	0.62 (0.39, 0.98)	0.042	-0.36 (0.25)	0.70 (0.43, 1.13)	0.146

B (SE): regression coefficient (standard error), OR (95% CI): odds ratio and 95% confidence interval; PC-PTSD: primary care posttraumatic stress disorder; RN: registered nurse

^aCoefficients and ORs for “Work Hours” were calculated for 10h increments across the categories: 0-10h, 11-20h, 21-30h, 31-40h, 41-50h, 51-60h, 61-70h, 71-80h, 91-100h, 101-110h, 111-120h, 120+h