# **Supplementary Online Content**

Fuchs JD, Carter HC, Evans J, et al. Assessment of a hotel-based COVID-19 isolation and quarantine strategy for persons experiencing homelessness. *JAMA Netw Open.* 2021;4(3):e210490. doi:10.1001/jamanetworkopen.2021.0490

**eTable 1.** Characteristics of Individuals Admitted to Isolation and Quarantine (I/Q) Hotels by Match to Administrative Records

**eTable 2.** Factors Associated With Premature Discontinuation of Isolation and Quarantine (I/Q), Modeled With Interaction Term (N=954)

**eTable 3.** Sensitivity Analysis Exploring Factors Associated With Premature Discontinuation of Isolation and Quarantine (I/Q), Limited to Patients With CCMS Administrative Data (N=857)

eMethods. GetCare Online Isolation and Quarantine Hotel Referral Form

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1.** Characteristics of Individuals Admitted to Isolation and Quarantine (I/Q) Hotels by Match to Administrative Records

	Mat	Matched		Unmatched	
	N	%	N	%	P value
Total	907	89.9	102	10.1	
Premature discontinuation of I/Q					
No	697	81.3	79	80.6	0.86
Yes	160	18.7	19	19.4	
Age					
<40	324	35.7	72	70.6	<0.001
40-49	239	26.4	10	9.8	
50 - 59	206	22.7	10	9.8	
>=60	138	15.2	10	9.8	
Gender					
Male	689	76.0	67	65.7	0.01*
Female	208	22.9	31	30.4	
Transgender	6	0.7	4	3.9	
Other/Unknown	4	0.4	0	0.0	
Race/Ethnicity					
White	232	25.6	3	2.9	<0.001*
Black	164	18.1	23	22.5	
Latinx	405	44.7	49	48.0	
Asian/Pacific Islander	68	7.5	10	9.8	
Native American	8	0.9	5	4.9	
Multi-Ethnic	14	1.5	7	6.9	
Refused/Unknown	16	1.8	5	4.9	
Living Situation					
Home/Apartment/RV/Trailer	246	27.1	36	35.3	<0.001*
Sheltered Homeless	274	30.2	21	20.6	
Unsheltered Homeless	197	21.7	9	8.8	
Single Room Occupancy Hotel	123	13.6	10	9.8	
Congregate Living Setting	9	1.0	3	2.9	
Other/Unknown	58	6.4	23	22.5	
Referral Source					
Outpatient	89	9.8	12	11.8	<0.001
Hospital	336	37.0	31	30.4	
Homeless Service Provider/Shelter	160	17.6	9	8.8	
Surveillance/Field Testing	96	10.6	10	9.8	
Other	141	15.5	12	11.8	

Missing	85	9.4	28	27.5	
COVID Status					
COVID-19 Diagnosis	420	46.3	43	42.2	0.20*
PUI	344	37.9	35	34.3	
Close Contact	124	13.7	22	21.6	
None of the above	4	0.4	1	1.0	
Missing	15	1.7	1	1.0	

<sup>\*</sup>Fisher's exact P-value

Compared to individuals who were not matched to the CCMS database, matched individuals were significantly older (median [IQR]: 45 years [35-55] vs. 27 [13-44], p<0.01), more likely to be referred from a hospital or homeless service provider (37% vs. 30% and 18% vs. 9% respectively, p<0.01), to be homeless (52% vs. 29%, p<0.01), more likely to be White compared to other race/ethnicities (26% vs. 3%, p<0.01), and more likely to be male (76% vs. 66%, p<0.01). There were no differences in COVID status or in the proportion who prematurely discontinued isolation and quarantine.

Abbreviations: RV- Recreational Vehicle; PUI- Person Under Investigation

**eTable 2.** Factors Associated With Premature Discontinuation of Isolation and Quarantine (I/Q), Modeled With Interaction Term (N=954)

Factor	AOR (95% CI), P value <sup>1</sup>
Age, years	
>=60	1 [Reference]
50-59	1.8 (0.9 - 3.6), .08
40-49	1.8 (0.9 - 3.5), .09
<40	2.6 (1.4 - 4.9), .004
Gender	
Male	1 [Reference]
Female	1.8 (1.2 - 2.7), .006
Transgender/Other	0.4 (0.1 - 2.2), .30
Race/Ethnicity	
Non-Black	1 [Reference]
Black	1.5 (0.3 - 7.4), .65
Living Situation	
Home/Apartment/RV/Trailer	1 [Reference]
Sheltered Homeless	1.4 (0.7 - 2.8), .37
Unsheltered Homeless	5.0 (2.6 - 9.5), <.001
Congregate Living Setting/SRO	1.5 (0.7 - 3.1), .26
Other/Unknown	1.2 (0.5 - 3.1), .63
Race/Ethnicity (Black) * Living Situation <sup>2</sup>	
Race/Ethnicity (Black) * Home/Apartment/RV/Trailer3	_
Race/Ethnicity (Black) * Sheltered Homeless	2.1 (0.4 - 12.2), .41
Race/Ethnicity (Black) * Unsheltered Homeless	0.9 (0.2 - 5.3), .91
Race/Ethnicity (Black) * Congregate Living Setting/SRO	0.3 (0.02 - 4.9), .42
Race/Ethnicity (Black) * Other/Unknown	1 [Reference]
Referral Source	
Outpatient	1 [Reference]
Hospital	1.1 (0.6 - 1.9), .86
Homeless Service Provider/Shelter	0.5 (0.2 - 1.1), .07
Surveillance/Field Testing	0.7 (0.3 - 1.6), .37
Other	0.6 (0.3 - 1.2), .14
Missing	0.5 (0.2 - 1.1), .09
COVID Status	
COVID-19 Diagnosis	1 [Reference]
PUI	1.5 (0.9 - 2.5), .08
Close Contact	2.7 (1.5 - 4.6), .001
None of the Above	3.6 (0.5 - 25.5), .20

Missing	5.0 (1.0 - 23.9), .05	
Elixhauser medical condition		
No	1 [Reference]	
Yes	1.4 (0.9 - 2.3), .14	
Elixhauser mental health disorder		
No	1 [Reference]	
Yes	0.9 (0.6 - 1.5), .76	
Elixhauser substance use disorder		
No	1 [Reference]	
Yes	0.9 (0.5 - 1.5), .56	
Jail stay in past year		
No	1 [Reference]	
Yes	1.2 (0.7 - 2.2), .49	

Model adjusted for calendar week of referral
 P-value for interaction = 0.20
 Category omitted due to zero cell

Abbreviations: AOR: Adjusted Odds Ratio; CI: Confidence Interval; RV- Recreational Vehicle; SRO- Single Room Occupancy Hotel; PUI- Person Under Investigation

**eTable 3.** Sensitivity Analysis Exploring Factors Associated With Premature Discontinuation of Isolation and Quarantine (I/Q), Limited to Patients With CCMS Administrative Data (N=857)

Factor	AOR (95% CI), <i>P</i> value^
Age, years	
>=60	1 [Reference]
50-59	2.5 (1.1 - 5.2), .02
40-49	2.5 (1.2 - 5.2), .02
<40	3.9 (1.8 - 8.2), <.001
Gender	
Male	1 [Reference]
Female	1.9 (1.2 - 3.0), .003
Transgender/Other	0.2 (0.01 - 1.8), .13
Race/Ethnicity	
White	1 [Reference]
Black	1.7 (1.0 - 2.9), .07
Latinx	0.9 (0.5 - 1.6), .80
Asian/Pacific Islander	0.6 (0.2 - 1.6), .32
Multi-Ethnic/Other/Unknown	1.4 (0.6 - 3.5), .48
Living Situation	
Home/Apartment/RV/Trailer	1 [Reference]
Sheltered Homeless	1.4 (0.7 - 2.9), .35
Unsheltered Homeless	3.7 (1.9 - 7.4), <.001
Congregate Living Setting/SRO	1.2 (0.5 - 2.5), .67
Other/Unknown	1.0 (0.3 - 3.3), .94
Referral Source	
Outpatient	1 [Reference]
Hospital	1.2 (0.6 - 2.4), .62
Homeless Service Provider/Shelter	0.5 (0.2 - 1.2), .13
Surveillance/Field Testing	0.7 (0.3 - 1.7), .41
Other	0.6 (0.3 - 1.2), .14
Missing	0.4 (0.2 - 1.1), .07
COVID Status	
COVID-19 Diagnosis	1 [Reference]
PUI	1.5 (0.9 - 2.6), .10
Close Contact	2.7 (1.5 - 5.0), .001
None of the above	9.0 (1.0 - 85.1), .05
Missing	3.7 (0.6 - 21.2), .14
Elixhauser medical condition	

No	1 [Reference]
Yes	1.4 (0.9 - 2.2), .20
Elixhauser mental health disorder	
No	1 [Reference]
Yes	0.9 (0.6 - 1.6), .80
Elixhauser substance use disorder	
No	1 [Reference]
Yes	0.8 (0.5 - 1.4), .41
Jail stay in past year	
No	1 [Reference]
Yes	1.2 (0.7 - 2.2), .50
Years homeless, per year	1.0 (1.0 – 1.1), .18

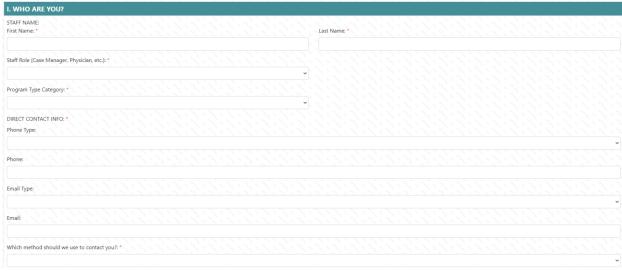
<sup>^</sup> Model adjusted for calendar week of referral.

Abbreviations: AOR: Adjusted Odds Ratio; CI: Confidence Interval; RV- Recreational Vehicle; SRO- Single Room Occupancy Hotel; PUI- Person Under Investigation

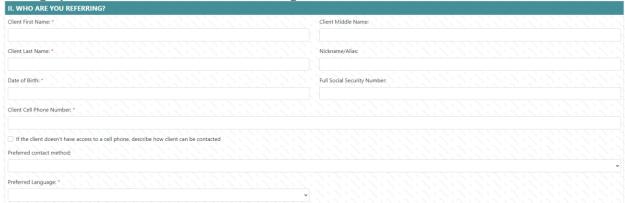
### eMethods. GetCare Online Isolation and Quarantine Hotel Referral Form



**Referring Party Information:** 



Demographic Information on the Person Being Referred:

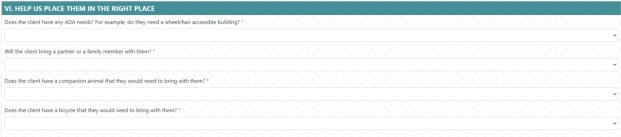


Sexual orientation/gender in What is the client's gender? (select one that best describes their current		g situation, and medical record number:
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b>V</b>	
at was the client's sex at birth?:		
v does the client describe their sexual orientation or sexual identity		
	15,5,5	
nat is the client's race/ethnicity?: *		
RN (San Francisco Health Network):	MRN (Other)	
		* · · · · · · · · · · · · · · · · · · ·
www.would.the client describe their living situation?:*		
ymptom and Testing Infor	mation:	
. ARE THEY UNWELL?		
Il us about your client's symptoms. *		
Fever (above 100.4 F)   Cough   Fatigue   Malaise   GI	☐ Sore Throat ☐ Shortness of Breath ☐ None	
Other, Please describe:		
no current fever, any fever in last 7 days?:		
	- (2) (2)	
ate of first symptoms: *		
OVID Status: *		
COVID-19 Positive (person has tested positive for COVID-19)		
Asymptomatic Confirmed Contact (ACC; person has confirmed con	stact with a COVID-19 positive individual and has no current symptoms)	
Person Under Investigation (PUI): symptomatic patient needing tes	ting or awaiting test results; do NOT select if patient is asymptomatic	
None of the Above		
eeds Testing O Yes O No O Unsure		
Date of Test:	Location of Test:	
		Remove —
Is this a testing event?		
est Outcome	Test Outcome Date	Add +
	~ >	
elevant Medical History/Co	o-Morbidities:	
elevant Medical History:		
oes your client have any pre-existing medical conditions? Check		
Chronic lung disease (asthma/emphysema/COPD)  Chronic renal disease	☐ Diabetes Mellitus ☐ Chronic liver disease	<ul> <li>Cardiovascular disease, including congestive heart failure</li> <li>Immunocompromised (cancer, HIV, bone marrow or organ transplant,</li> </ul>
Current smoker	☐ Former smoker	other immune weakening conditions)  Neurological/neurodevelopmental
Severe Obesity (BMI >40)	Hypertension	Neurologica/neurodevelopinental
Other chronic disease:		
egnant O Yes O No O Unk/NA		
es the patient have any medication allergies? *		
rrent Medications:		
	How many days' supply do they have?:	Remove —
		Add+
_	_	
eason they need help isol	ating:	
DO THEY NEED US FOR PLACEMENT IN AN ISOLA	TION AND QUARANTINE SITE? *	
Person experiencing sheltered homeless (inhabiting shelter, Shelter		
Person experiencing unsheltered homelessness (encampment, tent,	etc.)	
Person living in a shared space and unable to stay >6 feet away from		
Person sharing a bathroom and person unable to maintain appropr	iate hygiene (wash hands, wipe down surfaces after use, etc.)	
None of the above apply		

#### Making sure they can manage safely in the hotel room:

V. CAN THEY MANAGE AT A CITY SPONSORED COVID-19 CONTAINMENT SITE?
Hotel rooms are for clinically and behaviorally stable patients who can answer daily questions about their symptoms.
Is the client able to care for their own hygiene, toileting, medication management and check their own temperature? A Homebridge/IHSS referral may be coordinated for the patient if assistance is needed in some IALDs/ALDs.*
1
Has the client demonstrated any impulse or behavioral control issues during a recent hospital stay or participation in a program? *
Does the client have symptoms that may need acute medical care or hospitalization? *
Please inform the patient that they will be staying in a hotel room or congregate setting for up to 7-14 days. They will be expected to stay inside the room or at the congregate site the entire time. Meals will be delivered three times a day, but they cannot order room service, etc. Nurses and other support staff will be available to assist with medical needs and questions. Has the client agreed to stay in a City sponsored room or congregate site for the remainder of their care? *
Do you think client would do better at or would prefer a congregate setting, with more ability to go outside and interact with others, over an individual hotel room?
1

Determining the best site placement:



### Providing support while they're in the hotel:



## **Discharge Plan and Notes:**

I. WHAT IS THE DISCHARGE PLAN?
icipated Discharge Location
the client return to their current location/program once COVID-19 care course is completed?
es the patient have a case manager or social support contact?
they have a medical provider (e.g., MD, NP, PA)?
ANYTHING ELSE TO ADD?