Post-COVID-19 rehabilitation survey (Healthcare Worker) (copy)

Page 1: Introduction

You are being invited to participate in a research study titled "Developing post-COVID-19 support in the Global South". This study is being led by Prof Sally Singh (University of Leicester, UK) and the Global RECHARGE teams in India (Symbiosis Deemed University), Kyrgyzstan (National Centre of Cardiology and Internal Medicine), Sri Lanka (University of Sri Jayewardenepura) and Uganda (Makerere University Lung Institute) (https://www.globalrecharge.org.uk/).

We are looking for ways to help all people recovering from COVID-19 in low- and middle-income countries (LMICs). We hope the questionnaire will take 5-10 minutes of your time and will help us to understand how best to help people who have been affected by COVID-19.

We are not asking for any personal information and all data collected will be anonymous. Information provided will not be able to identify individuals. We will be unable to delete your data as we will be unable to identify which data belongs to you.

The survey has been approved by the University of Leicester College of Life Science Committee for Research Ethics Concerning Human Subjects (Non-NHS).

If you have any questions, please email us at recharge@leicester.ac.uk.

Under-18s should not complete the survey.

Your participation is entirely voluntary, and you can stop the questionnaire at any time. You are free to omit any question.

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In which country do you reside? ✱ *Required*

- ○ Afghanistan
- ○ Albania
- ○ Algeria
- ○ American Samoa
- ○ Andorra
- ○ Angola
- ○ Antigua and Barbuda
- ○ Argentina
- ○ Armenia
- ○ Aruba
- ○ Australia
- ○ Austria
- ○ Azerbaijan
- ○ Bahamas, The
- ○ Bahrain
- ○ Bangladesh
- ○ Barbados
- ○ Belarus
- ○ Belgium
- ○ Belize
- ○ Benin
- ○ Bermuda
- ○ Bhutan
- ○ Bolivia
- ○ Bosnia and Herzegovina
- ○ Botswana
- ○ Brazil
- ○ British Virgin Islands

- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cabo Verde
- Cambodia
- Cameroon
- Canada
- Cayman Islands
- Central African Republic (CAR)
- Chad
- Channel Islands
- Chile
- China
- Colombia
- Comoros
- Congo, Democratic Republic of the
- Congo, Republic of the
- Costa Rica
- Cote d'Ivoire
- Croatia
- Cuba
- Curaçao
- Cyprus
- Czech Republic
- Denmark
- Djibouti
- Dominica
- Dominican Republic
- Ecuador
- Egypt, Arab Republic of

- ○ El Salvador
- ○ Equatorial Guinea
- ○ Eritrea
- ○ Estonia
- ○ Eswatini (formerly Swaziland)
- ○ Ethiopia
- ○ Faroe Islands
- ○ Fiji
- ○ Finland
- ○ France
- ○ French Polynesia
- ○ Gabon
- ○ Gambia, The
- ○ Georgia
- ○ Germany
- ○ Ghana
- ○ Gibraltar
- ○ Greece
- ○ Greenland
- ○ Grenada
- ○ Guam
- ○ Guatemala
- ○ Guinea
- ○ Guinea-Bissau
- ○ Guyana
- ○ Haiti
- ○ Honduras
- ○ Hong Kong SAR, China
- ○ Hungary
- ○ Iceland
- ○ India

- Indonesia
- Iran, Islamic Republic of
- Iraq
- Ireland
- Isle of Man
- Israel
- Italy
- Jamaica
- Japan
- Jordan
- Kazakhstan
- Kenya
- Kiribati
- Korea, Democratic People's Republic
- Korea, Republic of
- Kosovo
- Kuwait
- Kyrgyz Republic
- Lao, People's Democratic Republic
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libya
- Liechtenstein
- Lithuania
- Luxembourg
- Macao SAR, China
- Madagascar
- Malawi
- Malaysia

- Maldives
- Mali
- Malta
- Marshall Islands
- Mauritania
- Mauritius
- Mexico
- Micronesia, Federate States of
- Moldova
- Monaco
- Mongolia
- Montenegro
- Morocco
- Mozambique
- Myanmar (formerly Burma)
- Namibia
- Nauru
- Nepal
- Netherlands
- New Caledonia
- New Zealand
- Nicaragua
- Niger
- Nigeria
- North Macedonia
- Northern Mariana Islands
- Norway
- Oman
- Pakistan
- Palau
- Panama

- ○ Papua New Guinea
- ○ Paraguay
- ○ Peru
- ○ Philippines
- ○ Poland
- ○ Portugal
- ○ Puerto Rico
- ○ Qatar
- ○ Romania
- ○ Russian Federation
- ○ Rwanda
- ○ Samoa
- ○ San Marino
- ○ São Tomé and Principe
- ○ Saudi Arabia
- ○ Senegal
- ○ Serbia
- ○ Seychelles
- ○ Sierra Leone
- ○ Singapore
- ○ Sint Maarten (Dutch part)
- ○ Slovak Republic
- ○ Slovenia
- ○ Solomon Islands
- ○ Somalia
- ○ South Africa
- ○ South Sudan
- ○ Spain
- ○ Sri Lanka
- ○ St Kitts and Nevis
- ○ St Lucia

- ○ St Martin (French part)
- ○ St Vincent and the Grenadines
- ○ Sudan
- ○ Suriname
- ○ Sweden
- ○ Switzerland
- ○ Syrian Arab Republic
- ○ Taiwan, China
- ○ Tajikistan
- ○ Tanzania
- ○ Thailand
- ○ Timor-Leste
- ○ Togo
- ○ Tonga
- ○ Trinidad and Tobago
- ○ Tunisia
- ○ Turkey
- ○ Turkmenistan
- ○ Turks and Caicos Islands
- ○ Tuvalu
- ○ Uganda
- ○ Ukraine
- ○ United Arab Emirates
- ○ United Kingdom
- ○ United States
- ○ Uruguay
- ○ Uzbekistan
- ○ Vanuatu
- ○ Venezuela
- ○ Vietnam
- ○ Virgin Islands (U.S.)

- ○ West Bank and Gaza
- ○ Yemen
- ○ Zambia
- ○ Zimbabwe

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What is your gender?

- ○ Male
- ○ Female
- ○ Prefer not to say

What age are you in years?

- ○ 18-29
- ○ 30-39
- ○ 40-49
- ○ 50-59
- ○ 60-69
- ○ 70 or over
- ○ Do not know

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Which best describes your professional job category?

○ Acute Medicine

○ Anaesthetist

○ Cardiac

○ Epidemiologist

○ General Practitioner of alternative/traditional medicine

○ General practitioner of modern medicine

○ Healthcare of the Elderly

○ Infectious Disease Specialist

○ Nurse

○ Occupational Therapist

○ Paediatrician

○ Paramedic/emergency responder

○ Pharmacist

○ Physiotherapist

○ Public Health

○ Primary Care

○ Psychiatry

○ Psychology

○ Radiologist

○ Respiratory/ Chest Medicine

○ Sports and Exercise

○ Surgery

○ Other

If you selected Other, please give details:

What responsibilities did/do you have for the care of people with COVID-19? Tick all that apply.

- ☐ Not involved in COVID-19 care
- ☐ Administrative work
- ☐ Admission prevention
- ☐ Biological sample collection/processing/analysis
- ☐ Diagnosis
- ☐ Household/community sentinel surveillance
- ☐ Inpatient treatment
- ☐ Management of quarantine centres
- ☐ Medication checks
- ☐ Mobility assessments and exercises
- ☐ Non-urgent care
- ☐ Ongoing management
- ☐ Outpatient clinics
- ☐ Oxygen therapy
- ☐ Prescribing
- ☐ Primary care and regular follow-up
- ☐ Urgent assessments
- ☐ Other

If you selected Other, please give details:

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We want to find out how best to support the recovery of people who have had symptoms of COVID-19.

Which of the following potential considerations should be part of post-COVID-19 support? (Tick all that apply)
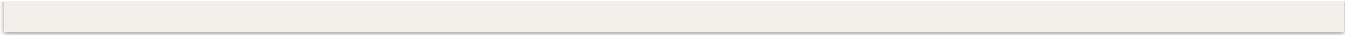
- ☐ Advice on medications
- ☐ Advice on nutrition
- ☐ Advice on returning to work
- ☐ Advice on managing breathlessness
- ☐ Advice on managing cough
- ☐ Advice on managing fatigue
- ☐ Aerobic exercise/regaining fitness levels
- ☐ Behaviour change relating to hygiene practice
- ☐ Coping with social isolation
- ☐ Coping with stigma of COVID-19 infection
- ☐ Dealing with comorbidities
- ☐ Dealing with grief
- ☐ Infection control relating to COVID-19
- ☐ Integrating back into the community
- ☐ Lung function testing
- ☐ Resistance exercise/strength training
- ☐ Support for anxiety or depression
- ☐ Support for Post-Traumatic Stress Disorder (PTSD)
- ☐ Monitoring symptoms
- ☐ Financial advice
- ☐ Learning how to find trustworthy information
- ☐ Other

If you selected Other, please give details:

Please select your Top 5 most important considerations for post-COVID-19 support:

Please select no more than 5 answer(s).

- ☐ Advice on medications
- ☐ Advice on nutrition
- ☐ Advice on returning to work
- ☐ Advice on managing breathlessness
- ☐ Advice on managing cough
- ☐ Advice on managing fatigue
- ☐ Advice on home remedies from alternative medicines
- ☐ Aerobic exercise/regaining fitness levels
- ☐ Dealing with grief
- ☐ Infection control relating to COVID-19
- ☐ Integrating back into the community
- ☐ Lung function testing
- ☐ Support for coping with stigma
- ☐ Support for Post-Traumatic Stress Disorder (PTSD)
- ☐ Support for social isolation
- ☐ Resistance exercise/strength training
- ☐ Support for managing other health conditions
- ☐ Support for anxiety or depression
- ☐ Monitoring symptoms
- ☐ Financial advice
- ☐ Learning how to find trustworthy information
- ☐ Other

If you selected Other, please give details:

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Are COVID-19 patients who were not hospitalised in need of support for their recovery?

○ Yes

○ No

○ Do not know

Where would be an appropriate location for this support to be delivered? (Tick all that apply)

☐ Community setting

☐ Home

☐ Hospital

☐ Other

If you selected Other, please give details:

Patients will be receptive to receiving post COVID-19 support for their recovery.

○ Strongly agree

○ Agree

○ Strongly disagree

○ Disagree

○ Unsure

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Please select which of the following may be **barriers to healthcare professionals referring patients** to post COVID-19 support (Tick all that apply):

- ☐ Belief in the value of non-medical treatments
- ☐ Cost of treatment
- ☐ Inadequate supply of PPE kits for healthcare professionals
- ☐ Lack of social support for the patient
- ☐ Lack of time to make referrals
- ☐ No perceived need for support
- ☐ Patient employment/financial concerns
- ☐ Patient living alone
- ☐ Patient's condition too good to participate
- ☐ Patient's condition too poor to participate
- ☐ Risk of patient being re-infected
- ☐ Risk of patients exercising
- ☐ Risk of patient spreading infection in the community
- ☐ Risk of patients infecting healthcare staff
- ☐ Stigma experienced by patients
- ☐ Time commitment for healthcare professionals
- ☐ Time commitment for patient
- ☐ Transport needs of patient
- ☐ Uncertainty of non-medical treatments
- ☐ Other

If you selected Other, please give details:

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Please select which of the following may be **barriers to patients accepting a referral to post COVID-19 support** (Tick all that apply):

- ☐ Belief in the value of non-medical treatments
- ☐ Cost of treatment
- ☐ Inadequate supply of PPE kits for healthcare professionals
- ☐ Lack of social support for the patient
- ☐ Lack of time to make referrals
- ☐ No perceived need for support
- ☐ Patient employment/financial concerns
- ☐ Patient living alone
- ☐ Patient's condition too good to participate
- ☐ Patient's condition too poor to participate
- ☐ Risk of patient being re-infected
- ☐ Risk of patients exercising
- ☐ Risk of patient spreading infection in the community
- ☐ Risk of patients infecting healthcare staff
- ☐ Stigma experienced by patients
- ☐ Time commitment for healthcare professionals
- ☐ Time commitment for patient
- ☐ Transport needs of patient
- ☐ Uncertainty of non-medical treatments
- ☐ Other

If you selected Other, please give details:

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What could be done to encourage patients to take up post COVID-19 support?

For adults with COVID-19, when should support be offered to survivors?

- ☐ Whilst managing COVID-19 at home or in the community
- ☐ Whilst in hospital
- ☐ Immediately after returning home from hospital or feeling better at home
- ☐ 2-3 weeks after returning home from hospital or feeling better at home
- ☐ 1-2 months after returning home from hospital or feeling better at home
- ☐ At least 2 months after returning home from hospital or feeling better at home

What communication strategies may be suitable for supporting patients through post-COVID-19 support? (Tick all that apply)

- ☐ Dedicated smartphone app
- ☐ Email
- ☐ Face-to-face
- ☐ Home visits
- ☐ Messaging app
- ☐ Paper-based instructions
- ☐ Telephone calls
- ☐ Text messaging
- ☐ Video consultations

☐ Radio

☐ Newspaper

☐ Television

☐ Website/online platform

☐ Other

If you selected Other, please give details:

Do you believe that supporting the recovery of people who have had COVID-19 would be worthwhile?

○ Yes, high priority

○ Yes, low priority

○ No

○ Not sure

If you selected NO/NOT SURE, please can you tell us why:

By clicking the 'Finish' button below, you are consenting to participate in this study.

Page 10: Final page

Thank you for completing the survey.

Supplementary Table 1. Location and timeframe to offer support

	Round 1 Data	Round 2 Data
Whilst managing COVID-19 at home or in the community	57%	70%
Immediately after returning home from hospital or feeling better at home	57%	58%
Whilst in hospital	56%	58%
2-3 weeks after returning home from hospital or feeling better at home	24%	17%
At least 2 months after returning home from hospital or feeling better at home	9%	12%
1-2 months after returning home from hospital or feeling better at home	8%	10%

Supplementary Table 2. HCW-perceived barriers for patients accepting a referral for Post-COVID19 Support

	Round 1 Data	Round 2 Data
Stigma experienced by patients	65%	60%
Cost of treatment	59%	69%
Risk of patient being re-infected	56%	49%
Lack of social support for the patient	49%	39%
Patient employment/financial concerns	49%	39%
Belief in the value of non-medical treatments	48%	53%
No perceived need for support	42%	38%
Transport needs of patient	31%	32%
Patient's condition too good to participate	30%	23%
Patient living alone	28%	23%
Time commitment for patient	28%	34%
Patient's condition too poor to participate	27%	31%
Risk of patient spreading infection in the community	26%	21%
Inadequate supply of PPE kits for healthcare professionals	24%	21%
Uncertainty of non-medical treatments	15%	11%
Risk of patients infecting healthcare staff	15%	19%
Time commitment for healthcare professionals	14%	12%
Risk of patients exercising	11%	10%
Lack of time to make referrals	8%	9%

Abbreviations: HCW, healthcare workers; PPE, Personal Protective Equipment.