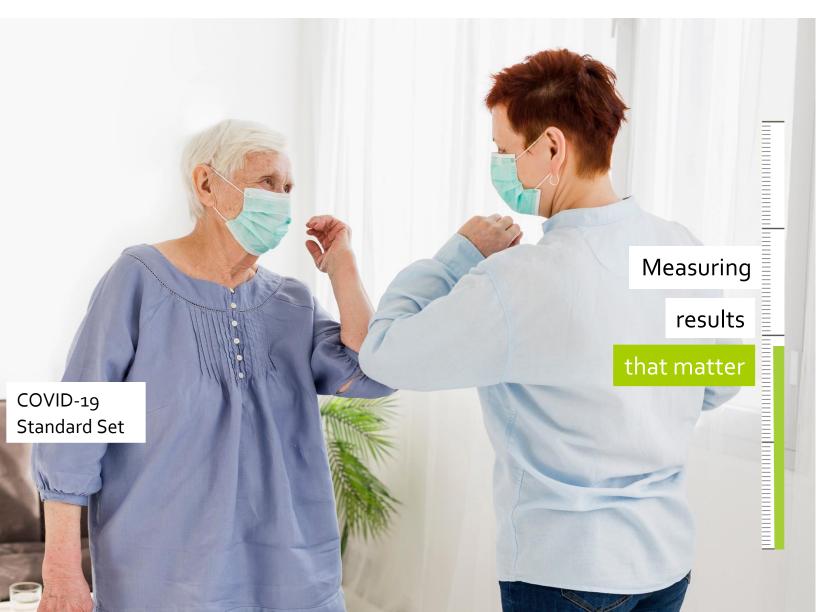


### COVID-19 Standard Set DATA COLLECTION **REFERENCE GUIDE**

Version 1.0.0 Revised: October 7<sup>th</sup>, 2020





We are thrilled that you are interested in measuring outcomes for the COVID-19 Infection according to ICHOM standards. It is our hope that this Reference Guide will facilitate the process of implementing our Standard Set and ensure collection of comparable data for global benchmarking and learning.

© 2020 ICHOM. All rights reserved. When using this set of outcomes, or quoting therefrom, in any way, we solely require that you always make a reference to ICHOM as the source so that this organisation can continue its work to define more standard outcome sets. Please cite as follows: ICHOM COVID-19 Working Group, COVID-19, October 2020, (available at: https://www.ichom.org/portfolio/covid-19/)

### Introducing ICHOM and the Reference Guide

ICHOM brings together patient representatives, clinician leaders, and registry leaders from all over the world to develop Standard Sets, comprehensive yet parsimonious sets of outcomes and case-mix variables we recommend all providers track.

Each Standard Set focuses on patient-centered results, and provides an internationally-agreed upon method for measuring each of these outcomes. We do this because we believe that standardised outcomes measurement will open up new possibilities to compare performance globally, allow clinicians to learn from each other, and rapidly improve the care we provide our patients.

Our Standard Sets include initial conditions and risk factors to enable meaningful case-mix adjustment globally, ensuring that comparisons of outcomes will take into account the differences in patient populations across not just providers, but also countries and regions. A comprehensive data dictionary, as well as scoring guides for patientreported outcomes, is included in the appendix.

Our aim is to make Standard Sets freely accessible to healthcare institutions worldwide to begin measuring, and ultimately benchmark the outcomes they achieve. In order to have a guide from which we can benchmark outcomes, we require feedback from initial implementation efforts. As such, this Reference Guide may undergo revisions on a regular basis. If you have any suggestions or would like to provide feedback, please contact info@ichom.org

### Working Group Members for the COVID-19 Standard Set

The following individuals dedicated both time and expertise to develop the ICHOM Standard Set for COVID-19 in partnership with ICHOM, under the leadership of Kees Brinkman, ICHOM Standard Set Chair. The work was supported by William Seligman, ICHOM Research Fellow, Luz Fialho, ICHOM Director of Outcomes Research, Nick Sillett, ICHOM Project Manager, and Christina Nielsen, ICHOM Research Associate.

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# Scope of the COVID-19 Standard Set

For the COVID-19 Standard Set, the following conditions and treatment approaches (or interventions) are covered by our Standard Set.

Conditions	All adults with confirmed or highly suspected SARS-CoV-2 infection
Populations	Adults aged 18 years and above
Stages	Set designed to measure outcomes on patients for up to 3 months after initial infection. This can then be extended for a further 3 months depending on clinical course and recovery.
Treatment approaches	Primary, Secondary or Tertiary Care Settings
Excluded populations	Children and young people under the age of 18

# ICHOM Standard Set for COVID-19

### Case-Mix Variables

Variable	Measure	Supporting Information	Timing	Data Source
Demographic Fa				
Age	Year of birth.		Baseline	Administrative
Sex	The patient's sex at birth.		Baseline	Administrative
Race	The biological race of the patient.	This measure should be recorded based on local standards in the particular geographic region and should be self-reported by the patient. All patients may choose not to answer this question.	Baseline	Patient/ Administrative
Ethnicity	The cultural ethnicity of the patient that they most closely identify with.	This measure should be recorded based on local standards in the particular geographic region and should be self-reported by the patient. All patients may choose not to answer this question.	Baseline	Patient/ Administrative
Level of Education	Highest level of education completed based on local standard definitions of education levels.	This measure may vary based on local standards for education levels so please consult the International Standard Classification to select the level that most closely relates to your education experience. Please follow this link here: http://uis.unesco.org/sites/default/fil es/documents/international- standard-classification-of- education-isced-2011-en.pdf	Baseline	Patient
Clinical Factors				
Comorbidities	Prior and current diagnosis of disease or no presence of diagnosis.	Measured using ICHOM's Self- Administered Comorbidities Questionnaire (SACQ)	Baseline	Patient/Clinician
Body Mass Index	Height and weight are used to calculate BMI.	BMI calculated as kg/m <sup>2</sup>	Baseline	Clinician/ Healthcare provider
<b>Treatment-Relat</b>	ted Factors			
Need for ventilation	Did the patient require any ventilation during their hospital admission?		Baseline/ Updated monthly	Clinician/ Healthcare provider
Type of ventilation	What type of ventilation was administered?	Mechanical or non-mechanical	Baseline/ Updated monthly	Clinician/ Healthcare provider
Duration of ventilation	How long did the patient require ventilation?	In days	Baseline/ Updated monthly	Clinician/ Healthcare provider
Duration of critical care admission	How long was the patient's initial stay in critical care?	In days	Baseline/ Updated monthly	Clinician/ Healthcare provider

#### Outcomes

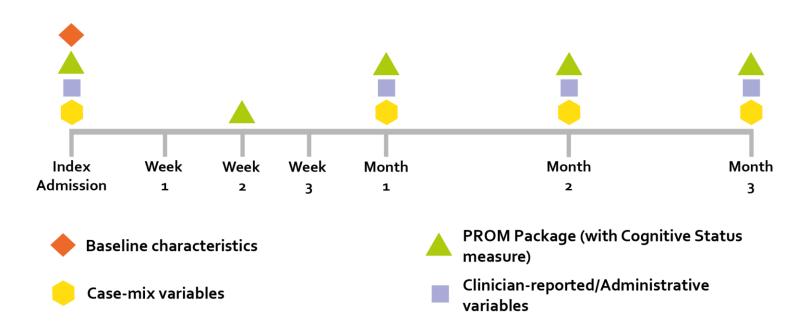
Measure         ity of Life         first len       PROMIS Global Health 1.2         first len       PROMIS Global Health 1.2         first len       PROMIS Global Health 1.2         first len       PROMIS Global Health 1.2	Supporting Definition/InformationThe perceived quality of an individual's daily life, assessing their health and wellbeing or lack thereof. A multi-dimensional concept that includes domains related to physical, mental, emotional and social functioning.An individual's ability to perform and/or participate in usual daily activities required to meet essential needs, fulfil usual roles, meet usual responsibilities, and maintain health and well-being.Capacity for work and leisure activities, and efficiency of accomplishment related to a feeling of weariness or tiredness.	Data Source Patient Patient Patient
first PROMIS Global Health 1.2 First PROMIS Global Health 1.2 first FLU-PRO	<ul> <li>assessing their health and wellbeing or lack thereof. A multi-dimensional concept that includes domains related to physical, mental, emotional and social functioning.</li> <li>An individual's ability to perform and/or participate in usual daily activities required to meet essential needs, fulfil usual roles, meet usual responsibilities, and maintain health and well-being.</li> <li>Capacity for work and leisure activities, and efficiency of accomplishment related to a feeling</li> </ul>	Patient
first Health 1.2 first FLU-PRO	participate in usual daily activities required to meet essential needs, fulfil usual roles, meet usual responsibilities, and maintain health and well-being. Capacity for work and leisure activities, and efficiency of accomplishment related to a feeling	
first FLU-PRO	efficiency of accomplishment related to a feeling	Patient
first Health 1 2	An individual's emotional, psychological, and social wellbeing, including negative feelings and fears, as well as moderate to high levels of anxiety or psychological distress.	Patient
first to self-report	judgment.	Clinician/ Healthcare provider
first Isolation (a	An individual's negative feelings related to the perception of being alone, disconnected or isolated.	Patient
first Health 1 2	An individual's ability to carry out tasks, actions or participate in life situations.	Patient
Clinician Measure	Any cause of death in a patient with COVID-19.	Clinician/ Administrative
	first nem       Health 1.2         Clinician       Measure – this will assess whether a patient is able to self-report their outcomes. If unable, only clinician / administrative measures are to be used.         first first nem       PROMIS Social Isolation 4a         first nem       PROMIS Global Health 1.2         Clinician       Clinician / administrative measures are to be used.         first nem       Clinician / administration 4a         Clinician       Clinician / administration 4a         Clinician       Clinician / administration 4a	first hen       PROMIS Global Health 1.2       social wellbeing, including negative feelings and fears, as well as moderate to high levels of anxiety or psychological distress.         Clinician Measure – this will assess whether a patient is able to self-report their outcomes. If unable, only clinician / administrative measures are to be used.       An individual's mental process of knowing, including awareness, perception, reasoning, and judgment.         Promis Social Isolation 4a       An individual's negative feelings related to the perception of being alone, disconnected or isolated.         Promis Global Health 1.2       An individual's ability to carry out tasks, actions or participate in life situations.

Meeting criteria for	Baseline/ every two		Patients whose medical needs cannot be met through standard ward-based care in an acute hospital, who would meet criteria for a high dependency or critical care unit. Patients who	
critical care admission	weeks for first month, then monthly	FLU-PRO	meet criteria for critical care admission may not in fact be admitted to critical care facilities for other reasons e.g. resource constraints, however should be included under this definition.	Patient
			Mild: no need for hospitalization.	
Disease course severity	Baseline/ Updated	FLU-PRO; Clinician Measure	Moderate: hospitalisation without need for non- invasive or mechanical ventilation.	Patient
Sevency	monthly		Severe: received non-invasive and/or mechanical ventilation, or died; admission to HDU/ICU.	
Persisting Organ Damage	Baseline/ Updated monthly	Clinician Measure	End-organ damage, including the central or peripheral nervous system, as a result of the COVID-19 infection that results in impaired function in the individual.	Clinician/ Healthcare provider
Duration of hospitalisation	Baseline/ Updated monthly	Clinician Measure	Number of nights spent in hospital being treated for symptoms related to COVID-19 (irrespective of whether COVID-19 was the reason for admission or if the patient developed COVID-19 while in hospital for another reason). This includes nights spent in hospital on subsequent hospital admissions during the follow-up period if the individual being readmitted was being treated for symptoms related to COVID-19 on that admission.	Clinician/ Healthcare provider
Symptoms				
Symptoms	Baseline/ every two weeks for first month, then monthly	FLU-PRO	A subjective perception suggesting bodily impairment or malfunction, affecting the individual in a negative manner.	Patient

### Follow-Up Timeline

The following timeline illustrates when Standard Set variables should be collected from patients and clinicians. This Standard Set is designed to track patient outcomes over a 3-month period following the diagnosis of the patient with confirmed or highly suspected SARS-CoV-2 infection. The outcome collection period can be extended for a further 3 months if the patient has not yet recovered. This is at the discretion of the physician and we recommend collecting outcomes on a monthly basis during the extension period.

When PROMs are collected, the cognitive status measure will also be used to assess if the patient, with or without assistance, is able to self-report and complete the measures. For the duration that the patient is unable to report their own outcomes, then only the clinician-reported and administrative measures are to be used when scheduled.



# Collecting Patient-Reported Outcome Measures

Patient-Reported Outcome Measure	Licensing Information	Scoring Information
PROMIS Global Health 1.2	Respondent-ready PDF of the instrument for all measurement systems are available at www.HealthMeasures.net in "Search & View Measures." These measures may be used in paper or electronic form for single use (i.e., solely for the user's own individual clinical trial, academic research study, healthcare or clinical application, community-based or educational program, or other discrete application with a defined timeline, area of focused health measurement, and deliverables or research products) without permission or fees as long as the text is not changed.	The easiest way to use this instrument is with the HealthMeasures Scoring Service (https://www.assessmentcenter.net/ac_s coringservice). However, these can be manually scored by calculating the raw score by summing the values of each item response. These total raw scores can then be converted to a T-score by using the conversion tables located in the Global Health 1.2 Scoring Manual from the HealthMeasures website.
PROMIS Short Form v2.0 - Social Isolation 4a	Respondent-ready PDF of the instrument for all measurement systems are available at www.HealthMeasures.net in "Search & View Measures." These measures may be used in paper or electronic form for single use (i.e., solely for the user's own individual clinical trial, academic research study, healthcare or clinical application, community-based or educational program, or other discrete application with a defined timeline, area of focused health measurement, and deliverables or research products) without permission or fees as long as the text is not changed.	The easiest way to use this instrument is with the HealthMeasures Scoring Service (https://www.assessmentcenter.net/ac_s coringservice). However, these can be manually scored by calculating the raw score by summing the values of each item response. These total raw scores can then be converted to a T-score by using the conversion tables located in the Social Isolation 4a Scoring Manual from the HealthMeasures website.
FLU-PRO	The FLU-PRO is available in 9 languages and free to use for non-profit organisations. Leidos Biomedical Research holds the copyright to the instrument and manages all licensing and user agreements. Evidera scientists can assist and advise on the use of the FLU-PRO in clinical research. More information on licensing can be found <u>here</u> .	FLU-PRO scoring includes total and subscale scores for symptom severity by body system. The instrument also provides data on the presence/absence of symptoms, symptom profiles, and change over time. More information on scoring can be found <u>here</u> .

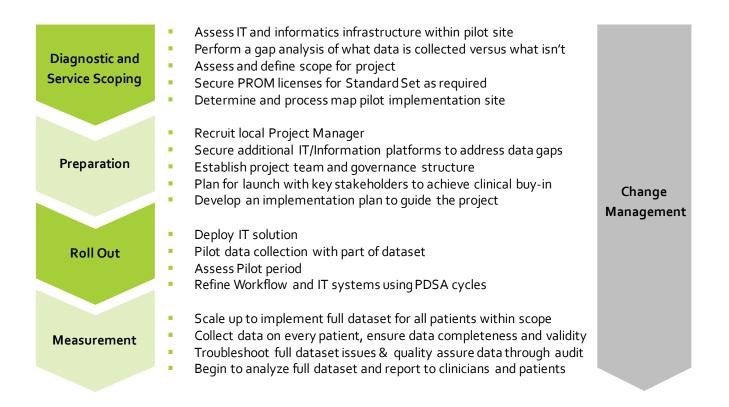


### The Growing ICHOM Community

There is a growing community of healthcare providers implementing the ICHOM Standard Sets. To support your organisation in implementing the set and the measurement of outcomes data, we have outlined a framework to guide the implementation and reporting of patient-centered outcomes.

#### Implementation framework:

The framework below, outlines the structured process to guide the implementation of an ICHOM Standard Set at your organisation. Typically, an implementation project takes 9 months to complete.



#### ICHOM is also able to support organisations with a variety of support models:

- 1. Capacity building direct advisory support
- 2. Community models supporting a community of providers in outcomes adoption and innovation
- 3. Education workshops and short courses regarding Value Based Healthcare and implementation skills





#### Translating the Set Tools:

PROMs within the ICHOM Sets are available in a number of languages. To check the availability of translations, we advise contacting the Tool authors directly to obtain and translate the PROM surveys into your desired language. To independently translate PROM surveys, if permitted by its license, we recommend following the 10 steps outlined below:\*<sup>1</sup>

Step 1	Preparation	Initial work carried out before the translation work begins
Step 2	Forward Translation	Translation of the original language, also called source, version of the instrument into another language, often called the target language
Step 3	Reconciliation	Comparing and merging more than one forward translation into a single forward translation
Step 4	Back Translation	Translation of the new language version back into the original language
Step 5	Back Translation Review	Comparison of the back-translated versions of the instrument with the original to highlight and investigate discrepancies between the original and the reconciled translation, which is then revised in the process of resolving the issues
Step 6	Harmonisation	Comparison of back translations of multiple language versions with each other and the original instrument to highlight discrepancies between the original and its derivative translations, as well as to achieve a consistent approach to translation problems
Step 7	Cognitive Debriefing	Testing the instrument on a small group of relevant patients or lay people in order to test alternative wording and to check understandability, interpretation, and cultural relevance of the translation
Step 8	Review of Cognitive Debriefing Results and Finalisation	Comparison of the patients' or lay persons' interpretation of the translation with the original version to highlight and amend discrepancies
Step 9	Proofreading	Final review of the translation to highlight and correct any typographic, grammatical or other errors
Step 10	Final Report	Report written at the end of the process documenting the development of each translation

\*These ten steps follow the ISPOR Principles of Good Practice: The Cross-Cultural Adaptation Process for Patient-Reported Outcomes Measures <sup>1</sup> Wild, D., Grove, A., Martin, M., Eremenco, S., McElroy, S., Verjee-Lorenz, A., et al. (2005). Principles of good practice for the translation and cultural adaptation process for patient-reported outcomes (PRO) measures: Report of the ISPOR task force for translation and cultural adaptation. Value in Health,

8(2), 94–104. doi:10.1111/j.1524-4733.2005.04054.x.

# Appendix

### Introduction to the Data Dictionary

This data dictionary is designed to help you measure the ICHOM COVID-19 Standard Set as consistently as possible to the Working group recommendation. ICHOM is actively preparing for benchmarking efforts based on this data, and all data submitted for comparisons will need to be transformed into the following data structure if not already structured as such. We are happy to provide an Excel version of this data dictionary for technical use.

Please timestamp all variables. Some Standard Set variables are collected at multiple timepoints, and we will ask you to submit these variables in a concatenated VARIABLEID\_TIMESTAMP form for future analyses. For example, VARIABLEID\_BASE (baseline); VARIABLEID\_2WEEK (2 week follow-up); VARIABLEID\_2MO (2<sup>nd</sup> month follow-up), etc.

<b>Demographic Factors</b>	5
Variable ID:	N/A
Variable:	Patient ID
Definition:	Indicate the patient's medical record number
Supporting Definition:	This number will not be shared with ICHOM. In the case patient-level data is submitted to ICHOM for benchmarking or research purposes, a separate ICHOM Patient Identifier will be created and cross-linking between the ICHOM Patient Identifier and the medical record number will only be known at the treating institution
Displayed Value:	
Inclusion Criteria:	All patients
Timing:	On all forms
Data Source:	Administrative or clinical
Туре:	Numerical
Value Domain:	
Response Options:	According to institution
Variable ID:	YearOfBirth
Variable:	Year of Birth
Definition:	Year of birth
Supporting Definition:	None
Displayed Value:	In what year were you born?
Inclusion Criteria:	All patients
Timing:	Baseline
Data Source:	Administrative
Туре:	Single answer
Value Domain:	Date
Response Options:	YYYY
Variable ID:	Sex
Variable:	Sex
Definition:	The patient's sex at birth
Supporting Definition:	For statistical purposes, the following category codes, labels and definitions are preferred: CODE 1 Male: Persons who have male or predominantly masculine biological characteristics, or male sex assigned at birth. CODE 2 Female: Persons who have female or predominantly feminine biological characteristics, or female sex assigned at birth. CODE 3 Other: Persons who have mixed or non-binary biological characteristics (if known), or a nonobinary sex assigned at birth. The

#### **Case-Mix Variables**

	value meaning of 'Other' has been assigned to Code 3 for this value domain, which
	replaces 'Intersex or indeterminate' for the superseded value domain Sex code N. Terms such as 'indeterminate', 'intersex', 'non-binary', and 'unspecified' are
	variously used to describe the 'Other' category of sex. The label 'Other' is used
	because a more descriptive term has not been widely agreed within the general
	community. Sex refers to the chromosomal, gonadal and anatomical
	characteristics associated with biological sex. Where there is an inconsistency
	between anatomical and chromosomal characteristics, sex is based on anatomical
	characteristics.
Displayed Value:	Please indicate your sex at birth
Inclusion Criteria:	All patients
Timing:	Baseline Administrative
Data Source: Type:	Single answer
Value Domain:	Code
Response Options:	1= Male
	2= Female
	3= Other
	999= Undisclosed
Variable ID:	Race
Variable:	Race
Definition:	The biological race of the person
Supporting Definition:	This measure should be recorded based on local standards in the particular
	geographic region and should be self-reported by the patient. This is an optional question but ICHOM encourages that this information is collected and is as racially
	and ethnically inclusive as possible. This data will help to support combating health
	disparities based on race but all patient data regarding race and ethnicity will be
	kept confidential. The patient's response will then be coded based on LOINC's
	standards. All patients may choose not to answer as well.
Displayed Value:	Please indicate the biological race that you identify with.
Inclusion Criteria:	All patients
Timing:	Baseline
Data Source:	Patient Single answer
Type: Value Domain:	Single answer Code
Response Options:	Please report your race based on your geographic region's local standards.
Variable ID:	Ethnicity
Variable:	Ethnicity
Definition:	The cultural ethnicity of the person that they most closely identify with
Supporting Definition:	This measure should be recorded based on local standards in the particular
	geographic region and should be self-reported by the patient. This is an optional
	question but ICHOM encourages that this information is collected and is as racially
	and ethnically inclusive as possible. This data will help to support combating health
	disparities based on ethnicity but all patient data regarding race and ethnicity will
	be kept confidential. The patient's response will then be coded based on LOINC's standards. All patients may choose not to answer as well.
Displayed Value:	Please indicate the ethnicity that you identify with
Inclusion Criteria:	All patients
Timing:	Baseline
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	Please report your ethnicity based on your geographic region's local standards.
Variable ID:	EducationLevel

Variable: Definition:	Level of Education Highest level of education completed based on local standard definitions of education levels
Supporting Definition:	This measure may vary based on local standards for education levels so please consult the International Standard Classification to select what level most closely relates to your education experience. Please follow this link here: http://uis.unesco.org/sites/default/files/documents/international-standard- classification-of-education-isced-2011-en.pdf
Displayed Value:	Please indicate your highest level of schooling.
Inclusion Criteria:	All patients
Timing:	Baseline
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= None (includes early/primary education)
	1= Primary (includes lower/upper secondary education)
	2= Secondary (includes post-secondary non-tertiary and short-cycle tertiary education)
	3= Tertiary (includes Bachelor's/Master's/Doctoral level education or equivalent)

Clinical	Factors

Clinical Factors	
Variable ID:	ComorbiditiesSACQ
Variable:	SACQ comorbidities
Definition:	Indicate whether the patient has a documented history of any of the following
	comorbidities
Supporting Definition:	Based upon the Self-administered Comorbidity Questionnaire (Sangha et al, 2003). Phrased as a patient-reported measure, but information can be abstracted by other means if patient is unable to answer.
Displayed Value:	Have you been told by a doctor that you have any of the following?
Inclusion Criteria:	All patients
Timing:	Baseline
Data Source:	Patient/Clinician
Туре:	Single answer
Value Domain:	Multiple answer
	Separate multiple entries with ";"
Response Options:	o = I have no other diseases
	1 = Heart disease (For example, angina, heart attack, or heart failure)
	2 = High blood pressure
	3 = Leg pain when walking due to poor circulation
	4 = Lung disease (For example, asthma, chronic bronchitis, or emphysema)
	5 = Diabetes
	6 = Kidney disease
	7 = Liver disease
	8 = Problems caused by stroke
	9 = Disease of the nervous system (For example, multiple sclerosis)
	10 = Other cancer (within the last 5 years)
	11 = Depression
	12 = Arthritis
Variable ID:	WeightValue
Variable:	Body weight
Definition:	The weight (body mass) of a person, measuring in the indicated units
Supporting Definition:	The collection of anthropometric measurements, particularly in those who are
	overweight or obese or who are concerned about their weight, should be

weight. Displayed Value: Please indicate your body weight. Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Quantity Response Options: None Variable ID: WeightUnit Variable ID: WeightUnit Variable ID: WeightUnit Definition: Units of body mass (weight) Supporting Definition: None Displayed Value: Please indicate what units of measurement (kilograms or pounds) that your weight is in. Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Code Response Options: 1 = kilograms 2 = lbs Variable ID: BMIValue Variable ID: BMIValue Value Domain: Cuincin Type: Single answer Value Domain: Quantity Response Options: None		performed with great sensitivity and without drawing attention to an individual's
Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Quantity Response Options: None Variable ID: WeightUnit Variable: Body weight units Definition: Units of body mass (weight) Supporting Definition: None Displayed Value: Please indicate what units of measurement (kilograms or pounds) that your weight is in. Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Code Response Options: 1= kilograms 2= lbs Variable ID: BMIValue Variable ID: Body mass index Definition: Body mass index Definition: Body mass index Definition: Body mass index Value Domain: Clinician Type: Single answer Value Domain: Quantity		
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Response Options:       None         Variable ID:       WeightUnit         Variable:       Body weight units         Definition:       Units of body mass (weight)         Supporting Definition:       None         Displayed Value:       Please indicate what units of measurement (kilograms or pounds) that your weight is in.         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Code         Response Options:       1= kilograms 2= lbs         Variable ID:       BMIValue         Variable ID:       Body mass index         Definition:       Body mass index         Definition:       Body mass index         Definition:       Hight and weight are used to calculate BMI. BMI calculate as kg/m <sup>2</sup> Displayed Value:       None         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Timing:       Baseline         Data Source:       Clinician         Timing:       Baseline         Data Source:       Clinician         Tip:       Single an	,.	5
Variable ID:       WeightUnit         Variable:       Body weight units         Definition:       Units of body mass (weight)         Supporting Definition:       None         Displayed Value:       Please indicate what units of measurement (kilograms or pounds) that your weight is in.         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Code         Response Options:       1= kilograms         2= lbs       Variable ID:         BMIValue       Variable:         Body mass index       Definition:         Body mass index       None         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Quantity		,
Variable:Body weight unitsDefinition:Units of body mass (weight)Supporting Definition:NoneDisplayed Value:Please indicate what units of measurement (kilograms or pounds) that your weight is in.Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1 = kilograms 2 = lbsVariable ID:BMIValueVariable ID:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineCode:CodeResponse Options:1 = kilograms 2 = lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexDefinition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		
Definition:Units of body mass (weight)Supporting Definition:NoneDisplayed Value:Please indicate what units of measurement (kilograms or pounds) that your weight is in.Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable ID:Body mass indexDefinition:Body mass indexDefinition:Body mass indexDisplayed Value:NoneInclusion Criteria:All patientsTiming:BaselineOuts a Source:ClinicianType:Single answerVariable ID:Body mass indexDefinition:Body mass indexData Source:ClinicianTiming:BaselineData Source:ClinicianTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		
Supporting Definition:NoneDisplayed Value:Please indicate what units of measurement (kilograms or pounds) that your weight is in.Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexDisplayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerVariable:Dody mass indexDefinition:Body mass indexDisplayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		
Displayed Value:Please indicate what units of measurement (kilograms or pounds) that your weight is in.Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexDefinition:Body mass indexDisplayed Value:NoneInclusion Criteria:All patientsTiming:BaselineDisplayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Cuantity		
is in. Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Code Response Options: 1= kilograms 2= lbs Variable ID: BMIValue Variable: Body mass index Definition: Body mass index Definition: Body mass index Supporting Definition: Height and weight are used to calculate BMI. BMI calculate as kg/m <sup>2</sup> Displayed Value: None Inclusion Criteria: All patients Timing: Baseline Data Source: Clinician Type: Single answer Value Domain: Quantity	•••	
Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1= kilograms2= lbs2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Displayed Value:	<b>3</b> . , <b>3</b>
Timing:BaselineData Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1 = kilograms2 = lbs2 = lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		-
Data Source:ClinicianType:Single answerValue Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		
Type:Single answerValue Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Timing:	Baseline
Value Domain:CodeResponse Options:1= kilograms 2= lbsVariable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Data Source:	Clinician
Response Options:       1= kilograms         2= lbs         Variable ID:       BMIValue         Variable:       Body mass index         Definition:       Body mass index         Supporting Definition:       Height and weight are used to calculate BMI. BMI calculate as kg/m²         Displayed Value:       None         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Quantity	Туре:	Single answer
2= lbs         Variable ID:       BMIValue         Variable:       Body mass index         Definition:       Body mass index         Supporting Definition:       Height and weight are used to calculate BMI. BMI calculate as kg/m <sup>2</sup> Displayed Value:       None         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Quantity	Value Domain:	
Variable ID:BMIValueVariable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Response Options:	5
Variable:Body mass indexDefinition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity		2= lbs
Definition:Body mass indexSupporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Variable ID:	BMIValue
Supporting Definition:Height and weight are used to calculate BMI. BMI calculate as kg/m²Displayed Value:NoneInclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Variable:	Body mass index
Displayed Value:       None         Inclusion Criteria:       All patients         Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Quantity	Definition:	Body mass index
Inclusion Criteria:All patientsTiming:BaselineData Source:ClinicianType:Single answerValue Domain:Quantity	Supporting Definition:	Height and weight are used to calculate BMI. BMI calculate as kg/m <sup>2</sup>
Timing:       Baseline         Data Source:       Clinician         Type:       Single answer         Value Domain:       Quantity	Displayed Value:	None
Data Source: Clinician Type: Single answer Value Domain: Quantity	Inclusion Criteria:	All patients
Type: Single answer Value Domain: Quantity	Timing:	Baseline
Value Domain: Quantity	Data Source:	Clinician
	Туре:	Single answer
Response Options: None	Value Domain:	Quantity
	Response Options:	None

#### **Treatment-Related Factors**

Heatment-Related F	
Variable ID:	VentilationRequirement
Variable:	Need for Ventilation
Definition:	Did the patient require any ventilation during their hospital admission?
Supporting Definition:	None
Displayed Value:	Did the patient require any ventilation during their hospital admission?
Inclusion Criteria:	All patients
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Туре:	Single answer
Value Domain:	Code
Response Options:	o= No
	1= Yes
Variable ID:	VentilationType
Variable:	Type of Ventilation
Definition:	What type of ventilation was administered?
Supporting Definition:	None
Displayed Value:	What type of ventilation was required?

Inclusion Criteria:	If responded "Yes" to "Did the patient require any ventilation during their hospital
-· ·	admission?"
Timing:	Baseline/Updated monthly Clinician
Data Source:	
Type: Value Domain:	Single answer Code
Response Options:	1= Mechanical
Response Options:	2= Non-mechanical
Variable ID:	
Variable ID: Variable:	VentilationLength Length of Ventilation
Definition:	How long did the patient require ventilation (in days)?
Supporting Definition:	None
Displayed Value:	How long did the patient require ventilation (in days)?
Inclusion Criteria:	If responded "Yes" to "Did the patient require any ventilation during their hospital
inclusion Criteria:	admission?"
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Type:	Single answer
Value Domain:	Quantity
Response Options:	None
Variable ID:	CriticalCareDuration
Variable:	Duration of critical care admission
Definition:	How long was the patient's initial stay in critical care (in days)?
Supporting Definition:	None
Displayed Value:	How long was the patient's initial stay in critical care (in days)?
Inclusion Criteria:	All patients
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Type:	Single answer
Value Domain:	Quantity
<b>Response Options:</b>	None

#### Outcomes

#### **Clinical Outcomes**

Variable ID:	VitalStatus
Variable:	Vital Status
Definition:	Indicate if the person has deceased, regardless of cause
Supporting Definition:	None
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	All Timepoints
Data Source:	Clinician
Туре:	Single answer
Value Domains:	Code
<b>Response Options:</b>	o= No
	1= Yes
	999= Unknown
Variable ID:	COVIDDeath
Variable:	COVID-19 Related Death
Definition:	Was the death of the patient directly due to the SARS-CoV-2 infection?
Supporting Definition:	None
Displayed Value:	None

Inclusion Criteria:	If responded "Yes" to "Indicate if the person has deceased, regardless of cause"
Timing:	All Timepoints
Data Source:	Clinician
Type:	Single answer
Value Domain:	Code
Response Options:	o= No
	1= Yes
	999= Unknown
Variable ID:	DeathLocation
Variable:	Location of Death
Definition:	The location of death for a deceased person
Supporting Definition:	None
Displayed Value:	None
Inclusion Criteria:	If responded "Yes" to "Indicate if the person has deceased, regardless of cause"
Timing:	All Timepoints
Data Source:	Clinician
Type:	Single answer
Value Domain:	Code
Response Options:	1= At home
	2= Hospital
	3= Nursing home/ Non-hospice long term care facility
	4= Hospice
	888= Other
	999= Unknown
Variable ID:	OrganDamage
Variable:	Persisting Organ Damage
Definition:	As a result of the SARS-CoV-2 infection, has there been any diagnosed long-term
	organ damage? This includes damage to the peripheral or central nervous system.
Supporting Definition:	None
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Туре:	Single answer
Value Domain:	Code
Response Options:	o= No
	1= Yes
	999= Unknown
Variable ID:	OrganDamageType
Variable:	Persisting Organ Damage Type
Definition:	Please detail the type of long-term organ damage.
Supporting Definition:	None
Displayed Value:	None
Inclusion Criteria:	If responded "Yes" to "As a result of the SARS-CoV-2 infection, has there been
	diagnosed organ damage? This includes damage to the peripheral or central
	nervous system."
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Туре:	Single answer
Value Domain:	Multiple answer
December 20 st	Separate multiple entries with ";"
Response Options:	1= Long-term respiratory issues
	2= Long-term cardiovascular issues
	3= Long-term renal issues

	4= Long-term neurological issues
	999= Other
Variable ID:	UnplannedReadmissions
Variable:	Number of unplanned readmissions
Definition:	How many unplanned readmissions to hospital, or critical care / high dependency
	unit due to SARS-CoV-2 infection have there been since index admission?
Supporting Definition:	This is a cumulative measure to be updated each month over the course of the set.
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	All Timepoints
Data Source:	Administrative
Type:	Single answer
Value Domain:	Quantity
<b>Response Options:</b>	None
Variable ID:	HospitalisationsDuration
Variable:	Duration of hospitalisations
Definition:	The total length (in days) of all COVID-19 related admissions to hospital or acute
	care facility since index admission
Supporting Definition:	This is a cumulative measure to be updated each month over the course of the set.
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	Baseline/Updated monthly
Data Source:	Administrative
Type:	Single answer
Value Domain:	Quantity
<b>Response Options:</b>	None
Variable ID:	DiseaseSeverity
Variable:	Disease course severity
Definition:	How severe is the patient's SARS-CoV-2 infection?
Supporting Definition:	Mild: no need for hospitalization.
	Moderate: hospitalisation without need for non-invasive or mechanical ventilation.
	Severe: received non-invasive and/or mechanical ventilation, or died; admission to
	HDU/ICU.
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	Baseline/Updated monthly
Data Source:	Clinician
Туре:	Single Answer
Value Domain:	Code
<b>Response Options:</b>	1= Mild
	2= Moderate
	3= Severe

#### **Mental Functioning**

Variable ID:	CognitiveStatus
Variable:	Cognitive status
Definition:	Is the patient in a cognitive state to be able to understand and, with or without
	assistance, answer the patient-reported outcome measures?"
Supporting Definition:	If the patient is unable to self-report, only clinician and administrative outcomes will be collected.
Displayed Value:	None
Inclusion Criteria:	All patients
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Clinician

Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= No
	1= Yes

### Functional Status and Quality of Life

Tonctional Status an	
Variable ID:	PROMIS-10_Q01
Variable:	Globalo1
Definition:	Please respond to each question or statement by marking one box per row: In
	general, would you say your health is:
Supporting Definition:	None
Displayed Value:	In general, would you say your health is:
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	5= Excellent
	4= Very good
	3= Good
	2= Fair
	2= Fail 1= Poor
Variable ID:	
	PROMIS-10_Q02
Variable:	Globalo2
Definition:	In general, would you say your quality of life is:
Supporting Definition:	None
Displayed Value:	In general, would you say your quality of life is:
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	5= Excellent
	4= Very good
	3= Good
	2= Fair
	1= Poor
Variable ID:	PROMIS-10_Q03
Variable:	Globalo3
Definition:	In general, how would you rate your physical health?
Supporting Definition:	None
Displayed Value:	In general, how would you rate your physical health?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
-	and, with or without assistance, answer the patient-reported outcome measures?"
	u
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	5= Excellent
Response Options:	4= Very good
	3= Good

	2= Fair
	1= Poor
Variable ID:	PROMIS-10_Q04
Variable:	Globalo4
Definition:	In general, how would you rate your mental health, including your mood and your ability to think?
Supporting Definition:	None
Displayed Value:	In general, how would you rate your mental health, including your mood and your ability to think?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?"
	п
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	5= Excellent
	4= Very good
	3= Good
	2= Fair
	1= Poor
Variable ID:	PROMIS-10_Q05
Variable:	Globalo5
Definition:	In general, how would you rate your satisfaction with your social activities and
	relationships?
Supporting Definition:	None
Displayed Value:	In general, how would you rate your satisfaction with your social activities and
	relationships?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	5= Excellent
Response Options.	4= Very good
	4= Very good 3= Good
	2= Fair
	1= Poor
Variable ID:	PROMIS-10_Qogr
Variable ID. Variable:	Globalogr
Definition:	In general, please rate how well you carry out your usual social activities and roles.
Demitton	(This includes activities at home, at work and in your community, and responsibilities as a parent, child, spouse, employee, friend, etc.)
Supporting Definition:	None
Displayed Value:	In general, please rate how well you carry out your usual social activities and roles.
bispiayeu value:	This includes activities at home, at work and in your community, and
Inclusion Criteria:	responsibilities as a parent, child, spouse, employee, friend, etc.)
inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient

Type: Value Domain: Response Options: Variable ID: Variable: Definition:	Single answer Code 5= Excellent 4= Very good 3= Good 2= Fair 1= Poor PROMIS-10_Q06 Globalo6 To what extent are you able to carry out your everyday physical activities such as
Supporting Definition:	walking, climbing stairs, carrying groceries, or moving a chair? None
Displayed Value:	To what extent are you able to carry out your everyday physical activities such as
Inclusion Criteria:	walking, climbing stairs, carrying groceries, or moving a chair? If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient Single answer
Type: Value Domain:	Code
Response Options:	5= Completely
	4= Mostly
	3= Moderately
	2= A little 1= Not at all
Variable ID:	PROMIS-10_Q1or
Variable:	Global1or
Definition:	In the past 7 days, how often have you been bothered by emotional problems such as feeling anxious, depressed or irritable?
Supporting Definition:	None
Displayed Value:	In the past 7 days: How often have you been bothered by emotional problems such as feeling anxious, depressed, or irritable?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type: Value Domain:	Single answer Code
Response Options:	5= Never
	4= Rarely
	3= Sometimes
	2= Often
Variable ID:	1= Always PROMIS-10_08r
Variable:	Globalo8r
Definition:	In the past 7 days, how would you rate your fatigue on average?
Supporting Definition:	None
Displayed Value: Inclusion Criteria:	How would you rate your fatigue on average? If responded "Yes" to "Is the patient in a cognitive state to be able to understand
inclusion criteria:	and, with or without assistance, answer the patient-reported outcome measures?"
Timing:	Baseline, Week 2, Week 4 and monthly thereafter

Data Source: Type: Value Domain: Response Options:	Patient Single answer Code 5= Never 4= Rarely 3= Sometimes
	2= Often 1= Always
Variable ID: Variable:	PROMIS-10_07r Globalo7r
Definition: Supporting Definition:	In the past 7 days, how would you rate your pain on average? Indicate pain level on a scale of 0-10, where o = No pain, and 10 = Worst imaginable pain
Displayed Value: Inclusion Criteria:	How would you rate your pain on average? If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?"
Timing: Data Source: Type: Value Domain:	Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code
Response Options:	Numerical value between 0 and 10

#### **Social Functioning**

Variable ID:	PROMIS-ISOLATION_Q01
Variable:	Question 1 of PROMIS Short Form v2.0- Social Isolation 4a
Definition:	Please respond to each item by marking one box per row: I feel left out
Supporting Definition:	None
Displayed Value:	I feel left out
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
<b>Response Options:</b>	1= Never
	2= Rarely
	3= Sometimes
	4= Usually
	5= Always
Variable ID:	PROMIS-ISOLATION_Qo2
Variable:	Question 2 of PROMIS Short Form v2.0- Social Isolation 4a
Definition:	I feel that people barely know me
Supporting Definition:	None
Displayed Value:	I feel that people barely know me
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?"
	П
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	1= Never

Variable ID: Variable: Definition: Supporting Definition: Displayed Value:	2= Rarely 3= Sometimes 4= Usually 5= Always PROMIS-ISOLATION_Qo3 Question 3 of PROMIS Short Form v2.0- Social Isolation 4a I feel isolate from others None I feel isolated from others
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient Sinch annual
Type: Value Domain:	Single answer Code
Response Options:	1= Never
	2= Rarely
	3= Sometimes
	4= Usually
Variable ID:	5= Always
Variable ID: Variable:	PROMIS-ISOLATION_Qo4 Question 4 of PROMIS Short Form v2.o- Social Isolation 4a
Definition:	I feel that people are around me but not with me
Supporting Definition:	None
Displayed Value:	I feel that people are around me but not with me
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	1= Never
	2= Rarely 3= Sometimes
	4= Usually
	<sub>4</sub> = Osouny <sub>5</sub> = Always

#### Symptoms

Symptoms	
Variable ID:	FLUPRO_Q01
Variable:	Question 1 of FLUPRO
Definition:	Please rate the extent to which you had each symptom during the <u>past 24 hours:</u> Runny or dripping nose
Supporting Definition:	None
Displayed Value:	Please rate the extent to which you had each symptom during the past 24 hours: Runny or dripping nose.
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= Not at all

	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q02
Variable:	Question 2 of FLUPRO
Definition:	Congested or stuffy nose
Supporting Definition:	None
Displayed Value:	Congested or stuffy nose
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to
	understand and, with or without assistance, answer the patient-reported
	outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Qo3
Variable:	Question 3 of FLUPRO
Definition:	Sinus pressure
Supporting Definition:	None
Displayed Value:	Sinus pressure
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q04
Variable:	Question 4 of FLUPRO
Definition:	Scratchy or itchy throat
Supporting Definition:	None
Displayed Value:	Scratchy or itchy throat
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= Not at all
•	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Qo5

Variable: Definition: Supporting Definition: Displayed Value: Inclusion Criteria:	Question 5 of FLUPRO Sore or painful throat None Sore or painful throat If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing: Data Source:	Baseline, Week 2, Week 4 and monthly thereafter Patient
Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Qo6
Variable:	Question 6 of FLUPRO
Definition:	Difficulty swallowing None
Supporting Definition: Displayed Value:	Difficulty swallowing
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat 3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q07
Variable:	Question 7 of FLUPRO
Definition:	Teary or watery eyes
Supporting Definition:	None
Displayed Value:	Teary or watery eyes
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient Single answer
Type: Value Domain:	Single answer Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Qo8
Variable:	Question 8 of FLUPRO
Definition:	Sore or painful eyes
Supporting Definition:	None Sere er painful ever
Displayed Value: Inclusion Criteria:	Sore or painful eyes If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "

Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Qog
Variable:	Question 9 of FLUPRO
Definition:	Eyes sensitive to light
Supporting Definition:	None
Displayed Value:	Eyes sensitive to light
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
Timeline	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing: Data Source:	Baseline, Week 2, Week 4 and monthly thereafter
	Patient Single answer
Type: Value Domain:	Code
Response Options:	o= Not at all
Response Options.	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q10
Variable:	Question 10 of FLUPRO
Definition:	Trouble breathing
Supporting Definition:	None
Displayed Value:	Trouble breathing
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q11
Variable:	Question 11 of FLUPRO
Definition:	Chest congestion
Supporting Definition:	None
Displayed Value:	Chest congestion
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit

	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q12
Variable:	Question 12 of FLUPRO
Definition:	Chest tightness
Supporting Definition:	None
Displayed Value:	Chest tightness
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
inclosion criteria.	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
Response Options.	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q13
Variable:	Question 13 of FLUPRO
Definition:	Wet or loose cough
Supporting Definition:	None
Displayed Value:	Wet or loose cough
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q14
Variable:	Question 14 of FLUPRO
Definition:	Dry or hacking cough
Supporting Definition:	None
Displayed Value:	Dry or hacking cough
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q15
Variable:	Question 15 of FLUPRO
Definition:	Felt nauseous (feeling like you wanted to throw-up)

Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options:	None Felt nauseous (feeling like you wanted to throw-up) If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code o= Not at all 1= A little bit 2= Somewhat
	3= Quite a bit
Variable ID:	4= Very much FLUPRO_Q16
Variable:	Question 16 of FLUPRO
Definition:	Stomachache
Supporting Definition:	None
Displayed Value:	Stomachache
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat 3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q17
Variable:	Question 17 of FLUPRO
Definition:	Felt dizzy
Supporting Definition:	None
Displayed Value:	Felt dizzy
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit 2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q18
Variable:	Question 18 of FLUPRO
Definition:	Head congestion
Supporting Definition:	None
Displayed Value: Inclusion Criteria:	Head congestion
inclusion ( riteria:	
inclusion citteria.	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing: Data Source:	

Type: Value Domain:	Single answer Code
Response Options:	o= Not at all
Response Options.	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q19
Variable:	Question 19 of FLUPRO
Definition:	Headache
Supporting Definition:	None
Displayed Value:	Headache
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q20
Variable:	Question 20 of FLUPRO
Definition:	Lack of appetite
Supporting Definition:	None
Displayed Value: Inclusion Criteria:	Lack of appetite
Timing:	All patients
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q21
Variable:	Question 21 of FLUPRO
Definition:	Sleeping more than usual
Supporting Definition:	None
Displayed Value:	Sleeping more than usual
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit 2= Somewhat
	2= Somewhat 3= Quite a bit
	4= Very much
	4- very moun

Variable ID:	FLUPRO_Q22
Variable:	Question 22 of FLUPRO
Definition:	Body aches or pains
Supporting Definition:	None
Displayed Value:	Body aches or pains
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q23
Variable:	Question 23 of FLUPRO
Definition:	Weak or tired
Supporting Definition:	None
Displayed Value:	Weak or tired
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient Circle conver
Type: Value Domain:	Single answer Code
	o= Not at all
Response Options:	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q24
Variable:	Question 24 of FLUPRO
Definition:	Chills or shivering
Supporting Definition:	None
Displayed Value:	Chills or shivering
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Not at all
	1= A little bit
	2= Somewhat
	3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q25
Variable:	Question 25 of FLUPRO
Definition:	Felt cold
Supporting Definition:	None Falt sold
Displayed Value:	Felt cold

Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code o= Not at all 1= A little bit 2= Somewhat 3= Quite a bit 4= Very much
Variable ID:	FLUPRO_Q26
Variable:	Question 26 of FLUPRO
Definition:	Sneezing
Supporting Definition:	None
Displayed Value: Inclusion Criteria:	Sneezing If responded "Yes" to "Is the patient in a cognitive state to be able to understand
inclusion Criteria:	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= Never
	1= Rarely
	2= Sometimes
	3= Often
	4= Always
Variable ID:	FLUPRO_Q27
NZ 1 1 1	
Variable:	Question 27 of FLUPRO
Definition:	Coughing
Definition: Supporting Definition:	Coughing None
Definition: Supporting Definition: Displayed Value:	Coughing None Coughing
Definition: Supporting Definition:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand
Definition: Supporting Definition: Displayed Value: Inclusion Criteria:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Definition: Supporting Definition: Displayed Value:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code o= Never 1= Rarely
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes 3= Often
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes 3= Often 4= Always
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes 3= Often 4= Always FLUPRO_Q28
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes 3= Often 4= Always FLUPRO_Q28 Question 28 of FLUPRO
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable: Definition:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code o= Never 1= Rarely 2= Sometimes 3= Often 4= Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable: Definition: Supporting Definition:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0 = Never 1 = Rarely 2 = Sometimes 3 = Often 4 = Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable ID: Variable: Definition: Supporting Definition: Displayed Value:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0 = Never 1 = Rarely 2 = Sometimes 3 = Often 4 = Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None Coughed up mucus or phlegm
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable: Definition: Supporting Definition:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0= Never 1= Rarely 2= Sometimes 3= Often 4= Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None Coughed up mucus or phlegm If responded "Yes" to "Is the patient in a cognitive state to be able to understand
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable ID: Variable: Definition: Supporting Definition: Displayed Value:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0 = Never 1 = Rarely 2 = Sometimes 3 = Often 4 = Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None Coughed up mucus or phlegm
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable ID: Variable: Definition: Supporting Definition: Displayed Value: Inclusion Criteria:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0 = Never 1 = Rarely 2 = Sometimes 3 = Often 4 = Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None Coughed up mucus or phlegm If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Definition: Supporting Definition: Displayed Value: Inclusion Criteria: Timing: Data Source: Type: Value Domain: Response Options: Variable ID: Variable: Definition: Supporting Definition: Displayed Value: Inclusion Criteria:	Coughing None Coughing If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter Patient Single answer Code 0 = Never 1 = Rarely 2 = Sometimes 3 = Often 4 = Always FLUPRO_Q28 Question 28 of FLUPRO Coughed up mucus or phlegm None Coughed up mucus or phlegm If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" " Baseline, Week 2, Week 4 and monthly thereafter

<b>Response Options:</b>	o= Never
	1= Rarely
	2= Sometimes
	3= Often
	4= Always
Variable ID:	FLUPRO_Q29
Variable:	Question 29 of FLUPRO
Definition:	How many times did you vomit?
Supporting Definition:	None
Displayed Value:	How many times did you vomit?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= o times
	1= 1 time
	2= 2 times
	3= 3 times
	4= 4 or more times
Variable ID:	FLUPRO_Q30
Variable:	Question 30 of FLUPRO
Definition:	How many times did you have diarrhea?
Supporting Definition:	None
Displayed Value:	How many times did you have diarrhea?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
Timeline	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing: Data Source:	Baseline, Week 2, Week 4 and monthly thereafter Patient
Type:	Single answer
Value Domain:	Code
Response Options:	o= o times
Response options.	1= 1 time
	2 = 2 times
	3= 3 times
	4= 4 or more times
Variable ID:	FLUPRO_Q31
Variable:	Question 31 of FLUPRO
Definition:	Loss of taste
Supporting Definition:	None
Displayed Value:	Loss of taste
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= No
	1=Yes
Variable ID:	FLUPRO_Q32
Variable:	Question 32 of FLUPRO
Definition:	Loss of smell
Supporting Definition:	None

Displayed Value:	Loss of smell
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= No
	1=Yes
Variable ID:	FLUPRO_Q33
Variable:	Question 33 of FLUPRO
Definition:	1. Overall, how severe were your symptoms today?
Supporting Definition: Displayed Value:	None 1. Overall, how severe were your symptoms today?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
inclosion cinteria.	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Type:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= No symptoms
	1= Mild
	2= Moderate
	3= Severe
	4= Very severe
Variable ID:	FLUPRO_Q34
Variable: Definition:	Question 34 of FLUPRO
Supporting Definition:	<ol> <li>Overall, how were your symptoms today compared to yesterday?</li> <li>None</li> </ol>
Displayed Value:	<ol> <li>Overall, how were your symptoms today compared to yesterday?</li> </ol>
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
Response Options:	o= Much better
	1= Somewhat better
	2= A little better
	3= About the same 4= A little worse
	5= Somewhat worse
	6= Much worse
Variable ID:	FLUPRO_Q35
Variable:	Question 35 of FLUPRO
Definition:	3. How much did your symptoms interfere with your usual activities today?
Supporting Definition:	None
Displayed Value:	3. How much did your symptoms interfere with your usual activities today?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand
	and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient Single answer
Type: Value Demain:	Single answer
Value Domain:	Code

Response Options:	o= Not at all 1= A little bit 2= Somewhat 3= Quite a bit
	4= Very much
Variable ID:	FLUPRO_Q36
Variable:	Question 36 of FLUPRO
Definition:	4. Have you returned to your usual activities today?
Supporting Definition:	None
Displayed Value:	4. Have you returned to your usual activities today?
Inclusion Criteria:	If responded "Yes" to "Is the patient in a cognitive state to be able to understand and, with or without assistance, answer the patient-reported outcome measures?" "
Timing:	Baseline, Week 2, Week 4 and monthly thereafter
Data Source:	Patient
Туре:	Single answer
Value Domain:	Code
<b>Response Options:</b>	o= No
-	1= Yes

### Working Group Member Conflicts of Interests

At the beginning of the Working group process, we ask all Working Group members to declare any conflicts of interests they have. We then circulate these within the Group to ensure transparency.

Name	Affiliation	Declarations
Farhala A. Baloch	The Aga Khan University, Karachi, Pakistan	None declared
Maiara Anschau Floriani	Hospital Moinhos de Vento, Brazil	None declared
Gisele Alsina Nader Bastos	Hospital Moinhos de Vento, Brazil	None declared
Kees Brinkman	OLVG Hospital (Santeon), Netherlands	On advisory boards for MSD, Gilea (also received research grant) and ViiV (also received research grant).
Philip Collis	NIHR, NHS England, UK	None declared
Caroline Daly	Winchester Hospital, USA	None declared
Juan Dapueto	Universidad de la República, Uruguay	None declared
Ingel Demedts	AZ Delta Hospital Roeselare, Belgium	None declared
Luz Fialho	ICHOM, UK	None declared
	Australian Centre for Value-Based Health Care, Australia	
Anna Flynn	•	None declared
Lucinda Gabriel Joel J. Gagnier	Kings Health Partners, UK Department of Orthopaedic Surgery and Epidemiology, University of Michigan, USA	None declared
Rocío García García	Department of Pneumology, Hospital Universitario 12 de Octubre, Spain	On advisory boards of Novartis, GlaxoSmithKline and Mundipharma. Speeker fees from Boehringer, GlaxoSmithKline and Novartis. Sub-investigator on clinical trials of Gilead and Roche.
Ayeesha Kamran Kamal	The Aga Khan University, Karachi, Pakistan	None declared
Anju Devianee Keetharuth	University of Sheffield, UK	None declared
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Ana Londral	Value for Health CoLAB, Portugal	None declared
Ingvar Ludwig	Hospital do Coração, Brazil	None declared
Carlos Lumbreras	Hospital Universitario 12 de Octubre, Spain	None declared
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Christina Nielsen	ICHOM, USA	None declared
Mohammed Omer Nasser	Abu Dhabi Health Services Company (SEHA), UAE	None declared
Christine Owen	NHS Wales, United Kingdom	None declared
Marcelo Pio de Almeida Fleck	Universidade Federal do Rio Grande do Sul	None declared
John H Powers III	George Washington University School of Medicine, USA	Provided clinical trial design consulting for Arrevus, Gilead, Romark, Eicos, GlaxoSmithKline, Johnson and Johnson, Otsuka, Eli Lilly, Evofem, Mustang, OPKO and Vir
Anne-Marie Russell	University of Exeter, College of Medicine and Health, Exeter, UK	Previous speaker fees, unrestricted grants and travel grants from Hoffman La Roche and Boehringer Ingelheim.
William Seligman	Imperial College Healthcare NHS Trust, UK	None declared
Nick Sillett	ICHOM, UK	None declared
Michaela Kim Smith	Mediclinic, South Africa	None declared
Tracy Y. Wang	Duke University, USA	Has received research grants from Abbott, Astra Zeneca (and persona fees), Boston Scientific, Cryolife (and personal fees), Chiesi, Portola Bristol Myers Squib and Regeneron
Douglas Woodhouse	University of Calgary, Canada	None declared
Eyal Zimlichman	Sheba Medical Center, Israel	Advisory board member and holds equity in Earlysense LTD, Valera Health, Profility and Hello Heart.

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## **Reference Guide Revisions**

Reference Guide Version

Location within Reference Guide

**Content Change** 

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