HCEA Employee /Volunteer: Coronavirus COVID-19 Risk Assessment Tool

About this tool

This tool can help you to quantify your biological risk and is used to facilitate your work-based risk assessment. The risk assessment will be carried out in a one-to-one setting, recognising this will require sensitive discussions. Those with responsibility for implementing the risk assessment, Trustees, will listen carefully to your concerns, provide support and consider any adjustments that might be necessary.

The risk model attributes a point for every approximate doubling of risk compared to the reference population1. Adding the risk score from each category gives you a personal risk score.

The tool accounts for basic demographics such as age, sex, ethnicity and comorbidities. It does not incorporate other external factors, such as high-risk household members or those at higher risk of mental health issues. You should mention these factors, if relevant to you, in your one to one discussions with Trustees about your risk.

What you should do

1. Calculate your score.

2. Share this document in your one to one discussion.

Objective risk stratification (ORS) tool for individuals not already identified as "vulnerable" by the NHS Digital Shielded Patient List

Risk factor	Indicator	Adjustment
Age	>50	1
	>60	2
	>70	4
	>80	6
Sex at Birth	Female	0
	Male	1
Ethnicity	Caucasian	0
	Black African descent	2
	Indian Asian descent	1
	Filipino descent	1
	Other (including Mixed race)	1
Diabetes and Obesity	(Type 1 or Type 2) uncomplicated*	1
	(Type 1 or Type 2) complicated*	2
	BMI≥35kg/m^2	1
Cardiovascular disease	Angina, previous MI, stroke or cardiac intervention	1
	Heart failure	2
Pulmonary disease	Asthma	1
	Non-Asthma chronic pulmonary disease	2
	Either above requiring oral corticosteroids in previous year	1
Malignant neoplasm	Active malignancy	3
	Malignancy in remission	1
Rheumatological conditions	Active treated conditions	2
Immunosuppressant therapy	Any indication	2
Interpretation	**Score**	
Low Risk	<3	
Medium Risk	3-5	
High Risk	≥6	

*Complicated diabetes = presence of microvascular complications or HbA1c≥64mmol/mol

Reference
Development of an Objective Risk Stratification Tool to facilitate workplace assessments of healthcare workers when dealing with the CoViD-19 pandemic.
W David Strain, Janusz Jankowski, Angharad Davies, Peter MB English, Ellis Friedman, Helena McKeown, Su Sethi, Mala Rao OBE,