

## Performance of national symptom checkers

## Supplementary file

Goyal et al., June 2021

	Triage Advice (Cough + Fever)						Relevant Diagnoses
	Singapore	USA	England	Scotland	Wales	N. Ireland	
12yrs (2 days)	PHCC	Stay Home	111 Nurse	Stay Home	Stay Home (unless worried)	Stay Home	URTI, Mild COVID,
32yrs (2 days)	PHCC	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	URTI, Mild COVID,
52yrs (2 days)	PHCC	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	URTI, Mild COVID,
72yrs (2 days)	PHCC	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	URTI, Mild COVID, Bacterial Pneumonia
12yrs (4 days)	PHCC	Stay Home	111 Nurse	Stay Home	Stay Home (unless worried)	Stay Home	Mild COVID, Moderate COVID, Bacterial Pneumonia
32yrs (4 days)	PHCC	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Mild COVID, Moderate COVID, Bacterial Pneumonia
52yrs (4 days)	PHCC or GP	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Mild COVID, Moderate COVID, Bacterial Pneumonia
72yrs (4 days)	PHCC or GP	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	Mild COVID, Moderate COVID, Bacterial Pneumonia
12yrs (7 days)	PHCC or GP	Stay Home	111 Nurse	Stay Home	Contact GP < 6hrs/111	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
32yrs (7 days)	PHCC or GP	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia

## Performance of national symptom checkers

## Supplementary file

	Triage Advice (Cough + Fever)						Relevant Diagnoses
	Singapore	USA	England	Scotland	Wales	N. Ireland	
52yrs (7 days)	PHCC or GP	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
72yrs (7 days)	PHCC or GP	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
12yrs (10 days)	PHCC or GP	Stay Home	111 Nurse	Stay Home	Contact GP < 6hrs/111	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
	PHCC or GP	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
	PHCC or GP	Stay Home	Stay Home	Stay Home	Stay Home	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia
72yrs (10 days)	PHCC or GP	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	Moderate COVID, Severe COVID, Bacterial Pneumonia

Table 1. Scenario 1.

Triage Advice (Co-morbidity + Cough + Fever)

## Performance of national symptom checkers

## Supplementary file

	Singapore	Japan	USA	England	Scotland	Wales	N Ireland	
12yrs (2 days)	PHCC or GP	Stay Home	Call provider asap	Call 111	111 Urgently	Contact GP < 6hrs/111	Stay Home	
32yrs (2 days)	PHCC or GP	Stay Home	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
52yrs (2 days)	PHCC or GP	Stay Home	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
72yrs (2 days)	PHCC or GP	Stay Home	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	
12yrs (4 days)	PHCC or GP	GP	Call provider asap	Call 111	111 Urgently	GP < 6hours/111	Stay Home	
32yrs (4 days)	PHCC or GP	GP	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
52yrs (4 days)	PHCC or GP	GP	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
72yrs (4 days)	PHCC or GP	GP	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	
12yrs (7 days)	PHCC or GP	Medical Centre	Call provider asap	Call 111	111 Urgently	GP < 6hours/111	Stay Home	
32yrs (7 days)	PHCC or GP	Medical Centre	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
52yrs (7 days)	PHCC or GP	Medical Centre	Call provider asap	Stay Home	Stay Home	Stay Home	Stay Home	
72yrs (7 days)	PHCC or GP	Medical Centre	Call provider asap	Stay Home	Stay Home	Call 111	Stay Home	

Table 2: Scenario 2

Triage Advice (Cough + Fever + Immunosuppression)								Relevant Diagnoses
Singapore	Japan	USA	England	Scotland	Wales	N Ireland		

## Performance of national symptom checkers

## Supplementary file

	Triage Advice (Cough + Fever + Immunosuppression)							Relevant Diagnoses
	Singapore	Japan	USA	England	Scotland	Wales	N Ireland	
12yrs old (2 days)	PHCC or GP	Stay Home	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
32yrs old (2 days)	PHCC or GP	Stay Home	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
52yrs old (2 days)	PHCC or GP	Stay Home	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
72yrs old (2 days)	PHCC or GP	Stay Home	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
12yrs old (4 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
32yrs old (4 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
52yrs old (4 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP (now)	URTI, COVID, Neutropenic Sepsis
72yrs old (4 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
12yrs old (7 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis

## Performance of national symptom checkers

## Supplementary file

	Triage Advice (Cough + Fever + Immunosuppression)							Relevant Diagnoses
	Singapore	Japan	USA	England	Scotland	Wales	N Ireland	
32yrs old (7 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
52yrs old (7 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis
72yrs old (7 days)	PHCC or GP	Medical Centre	Call medical provider asap	Call 111 & Speak to a Nurse	111 Urgently	Call 111	GP	URTI, COVID, Neutropenic Sepsis

Table 3: Scenario 3

	Triage Advice (Shortness of Breath + Fever for 5 days)							Relevant Diagnoses
	Singapore	Japan	USA	England	Scotland	Wales	N Ireland	
12yr old (mild)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	GP < 6hours/ 111	GP Now	Severe COVID, Sepsis, Bacterial Pneumonia
32yr old (mild)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	Stay Home	GP Now	Severe COVID, Sepsis, Bacterial Pneumonia
52yr old (mild)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	Stay Home	GP Now	Severe COVID, Sepsis, Bacterial Pneumonia
72yr old (mild)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	Call 111	GP Now	Severe COVID, Sepsis, Bacterial Pneumonia
12yr old (moderate)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	GP < 6hours/ 111	GP Now	Severe COVID, Sepsis, Septic Shock Bacterial Pneumonia

## Performance of national symptom checkers

## Supplementary file

	Triage Advice (Shortness of Breath + Fever for 5 days)				Scotland	Wales	N Ireland	Relevant Diagnoses
	Singapore	Japan	USA	England				
32yr old (moderate)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	Stay Home	GP Now	Severe COVID, Sepsis, Septic Shock Bacterial Pneumonia
52yr old (moderate)	ED	Medical Centre	Stay Home	Call 111	111 Urgently	Stay Home	GP Now	Severe COVID, Sepsis, Septic Shock Bacterial Pneumonia
72yr old (moderate)	ED	Medical Centre	ED	Call 111	111 Urgently	Call 111	GP Now	Severe COVID, Sepsis, Septic Shock Bacterial Pneumonia
12yr old (severe)	ED	Medical Centre	ED	ED	111 Urgently	999	999	Critical COVID, Bacterial Pneumonia
32yr old (severe)	ED	Medical Centre	ED	ED	111 Urgently	999	999	Critical COVID, Bacterial Pneumonia
52yr old (severe)	ED	Medical Centre	ED	ED	111 Urgently	999	999	Critical COVID, Bacterial Pneumonia
72yr old (severe)	ED	Medical Centre	ED	ED	111 Urgently	999	999	Critical COVID, Bacterial Pneumonia

Table 4: Scenario 4

Performance of national symptom checkers

Supplementary file

Performance of national symptom checkers

Supplementary file