



**Community
HealthPathways**
Hunter New England

Care of COVID positive Adults in the community



Key points

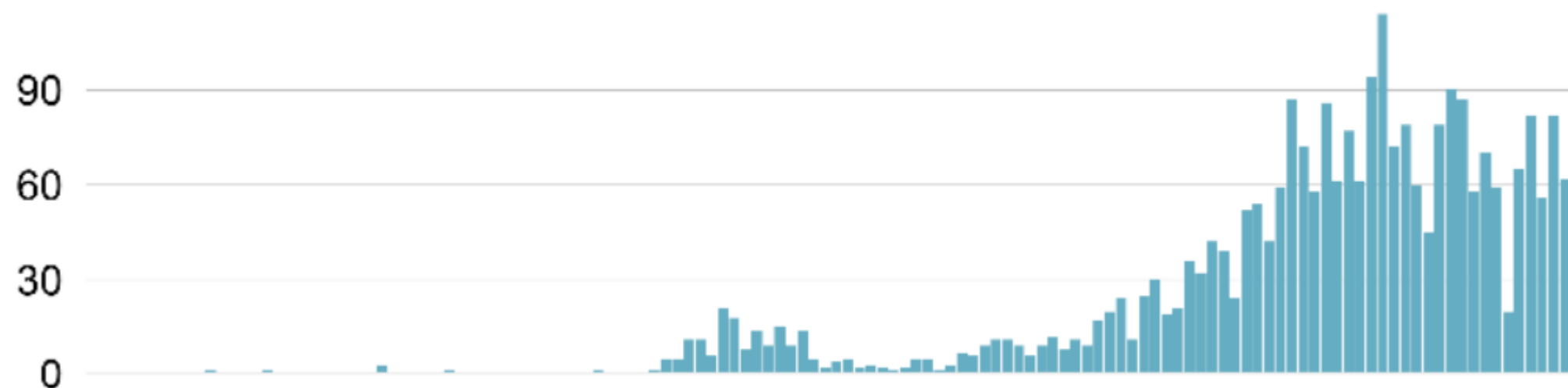
- Over view of current patients receiving care with Current Covid Care in the Community (CCitC)
- Describe model, including risk stratification and interventions
- Discuss likelihood of hospitalization in population with high vaccination rate
- GP care or Covid patients



Care of COVID-19 Positive Adult Patients in the Community

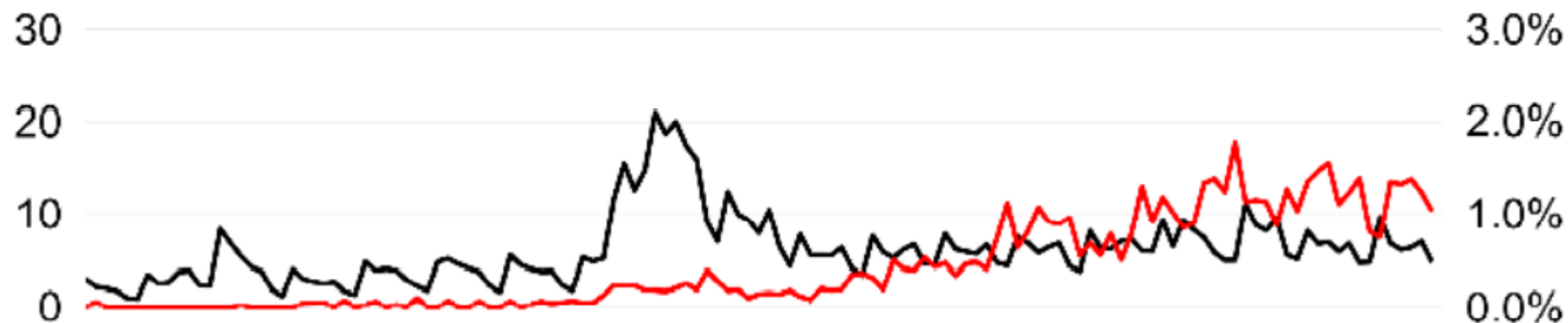
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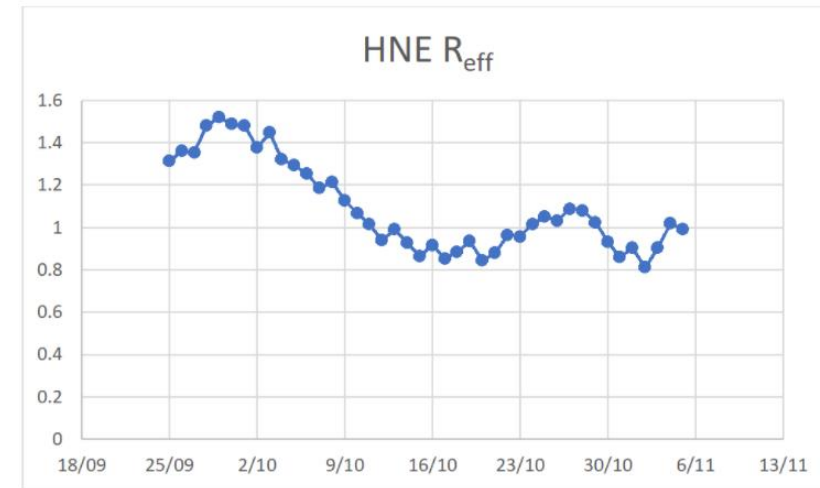
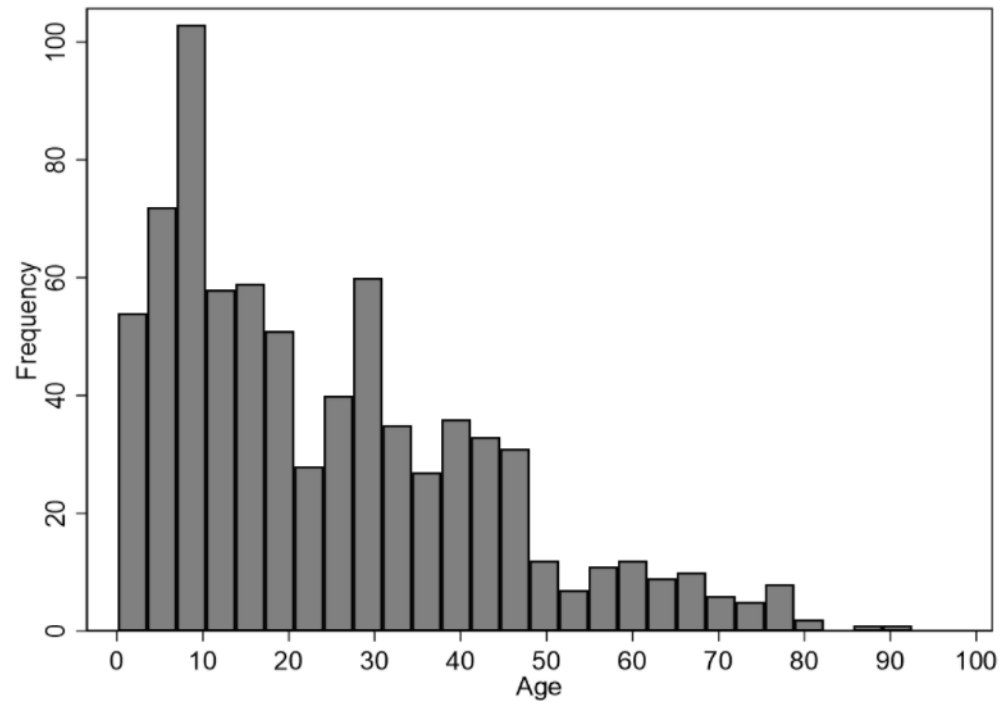
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— Tests rate — Positive percentage

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Data note: Changed from 5-day moving average, to 7-day moving avg, to account for weekend effect.

HNE R_{eff} 5/11/21 R_{eff} = 0.99

The following 3 values are reported in www.covid19date.com.au using a formula attributed to Prof. Adrian Esterman UniSA. The HNE value above is calculated using the same formula.

NSW R_{eff} 6/11/21 R_{eff} = 0.97

VIC R_{eff} 6/11/21 R_{eff} = 0.84

ACT R_{eff} 6/11/21 R_{eff} = 1.35

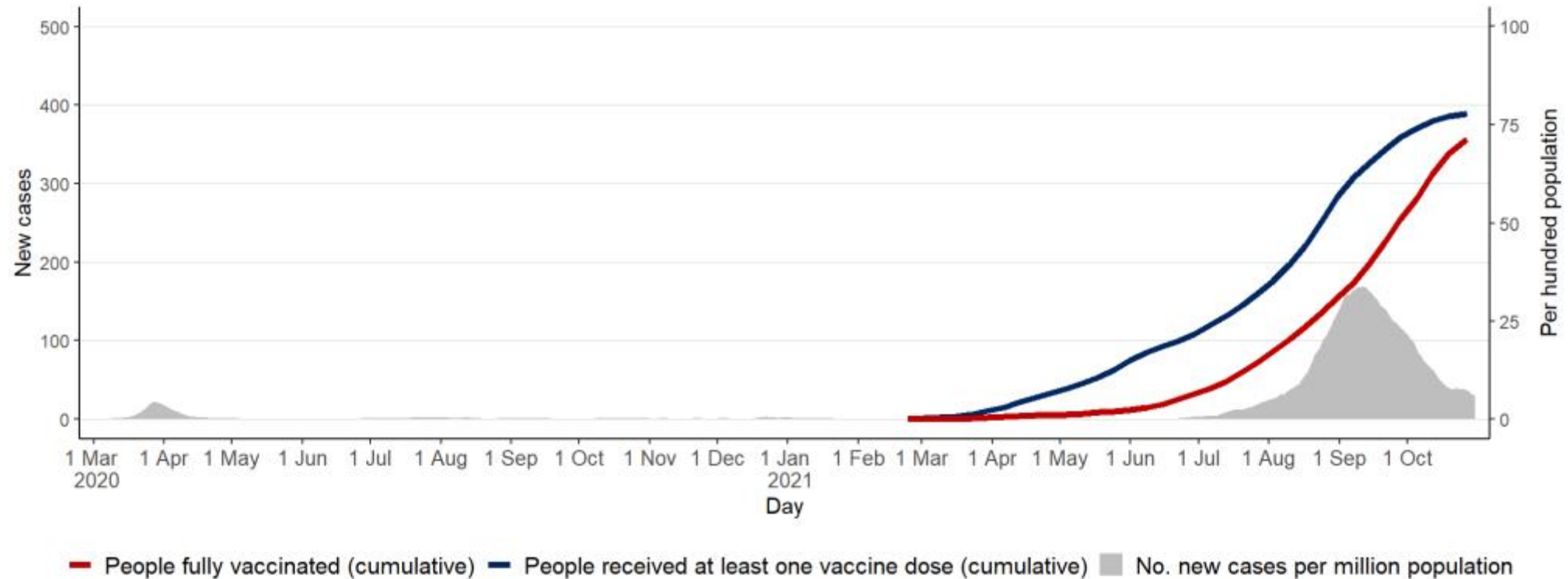
COVID-19 Vaccine	Freq.	Percent	Cum.
0	207	49.76	49.76
1 dose registered in AIR	67	16.11	65.87
2 doses registered in AIR	139	33.41	99.28
3 doses registered in AIR	2	0.48	99.76
4 doses registered in AIR	1	0.24	100.00
Total	416	100.00	

Aboriginal or Torres Strait Islander Status: self-reported

A or TSI	Freq.	Percent	Cum.
Non-AorTSI	225	54.09	54.09
AorTSI	176	42.31	96.39
na	15	3.61	100.00
Total	416	100.00	

NSW

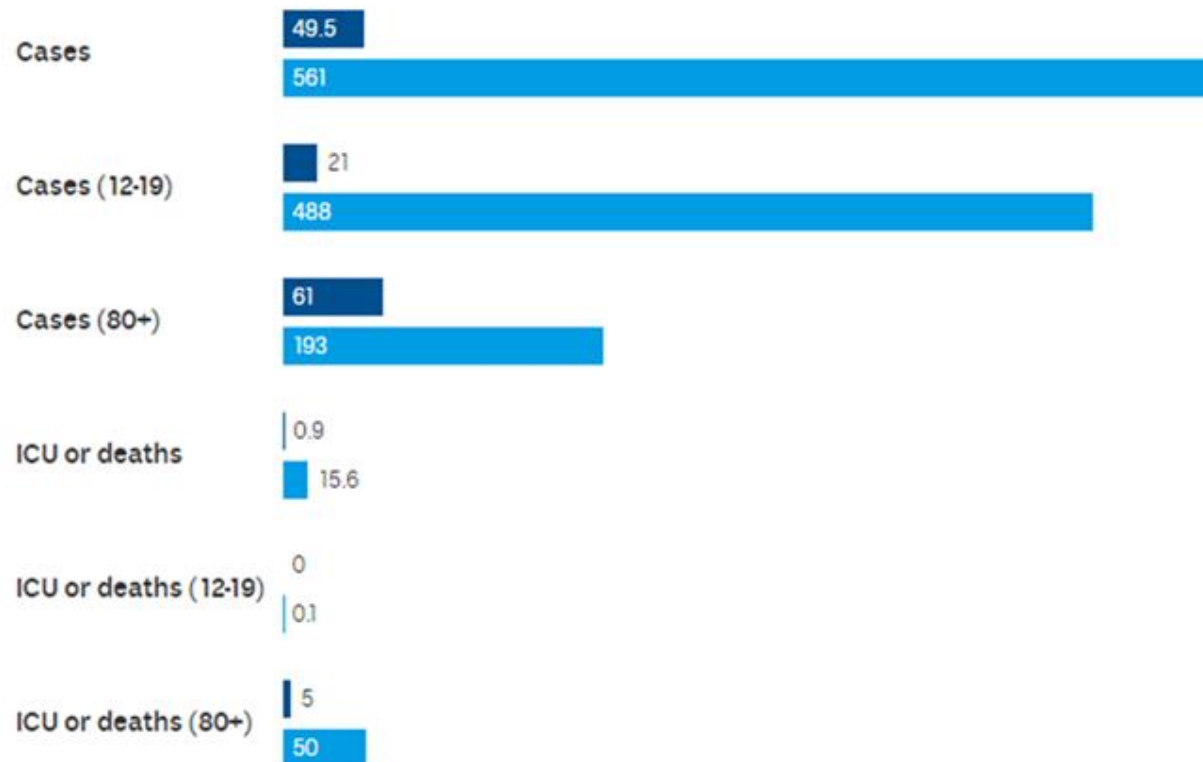
Figure 3a: COVID-19 cases and vaccinations, NSW, March 2020 – October 2021



Vaccines provided 10 times greater protection against COVID infection

Cases or ICU/death rates per 100,000 people fully vaccinated or unvaccinated

■ Fully vaccinated ■ Unvaccinated



Case rate for Aug 25 - Sept 7, ICU/death rate for Sept 8 - Sept 21; age rates for Sept 8 - Sept 21

Chart: ABC News / Source: NSW Health / [Get the data](#)

Figure 2: Risk of ICU admission

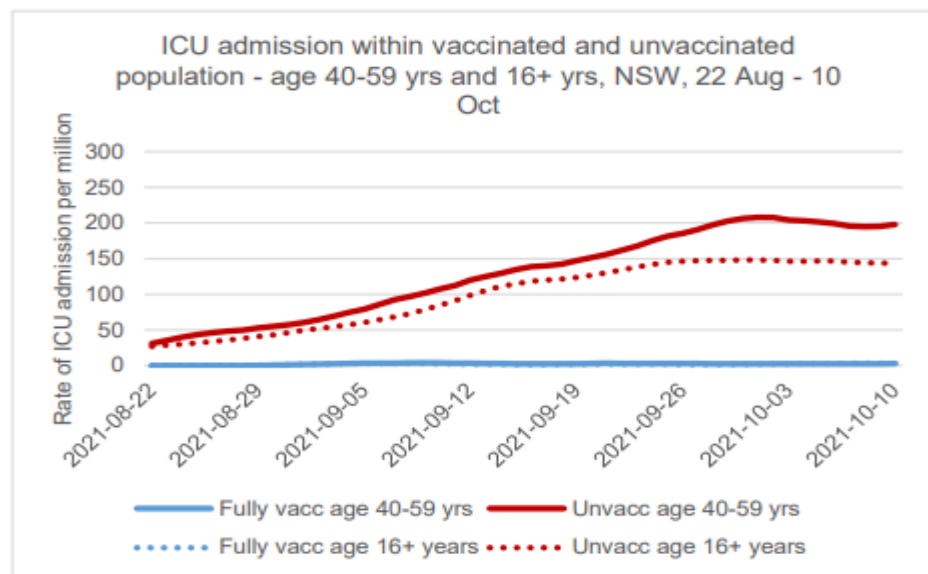
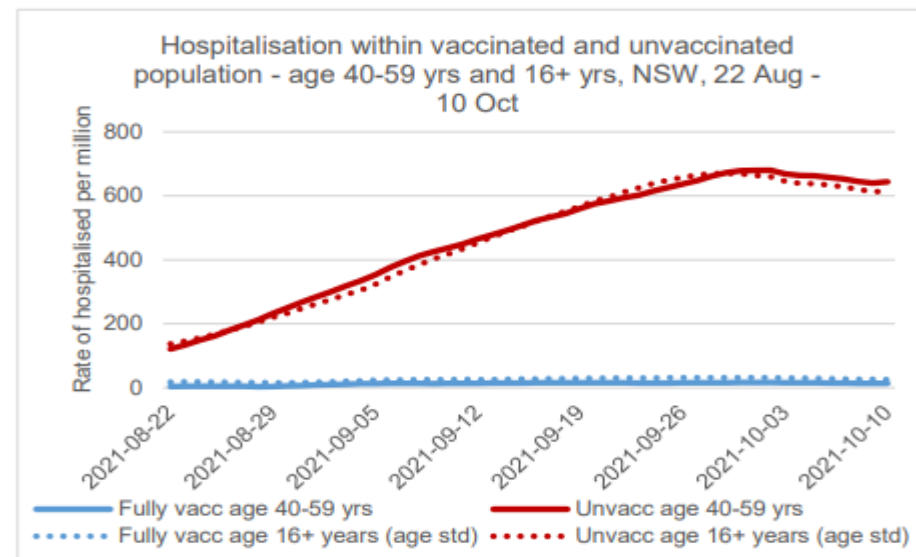


Figure 3: Risk of hospitalisation



CCitC Model

initial

- Tests positive > on patient flow portal > on service
- assign review protocol > ?eligible sotrovimab

Monitor

- Assess disease severity

De-isolate

- Check meets de-isolation criteria


Initial

- Identify risk factors and monitor?
- Check eligibility
- Consider



- Determine if the patient has [clinical indications for sotrovimab](#) 

Clinical indications for sotrovimab⁴

Sotrovimab is appropriate for use in non-pregnant adults and pregnant women in their second or third trimester:

- within 5 days of symptom onset (symptoms may be very mild), and
- who do not require oxygen for COVID-19, and
- who have not been fully vaccinated (second dose > 2 weeks ago), and
- who have 1 or more of the following risk factors for disease progression:
 - Diabetes (requiring medication)
 - Obesity (BMI > 30 kg/m²)
 - Chronic kidney disease i.e., eGFR < 60 by modification of diet in renal disease (MDRD)
 - Congestive heart failure (NYHA class II or greater)
 - Chronic obstructive pulmonary disease (history of chronic bronchitis, chronic obstructive lung disease, or emphysema with dyspnoea on physical exertion)
 - Moderate-to-severe asthma (requiring an inhaled steroid to control symptoms or prescribed a course of oral steroids in the previous 12 months)
 - Age ≥ 55 years
 - Patients who are immunosuppressed, even if they are partially or fully vaccinated
 - Aboriginal and Torres Strait Islander patients aged > 35 years 

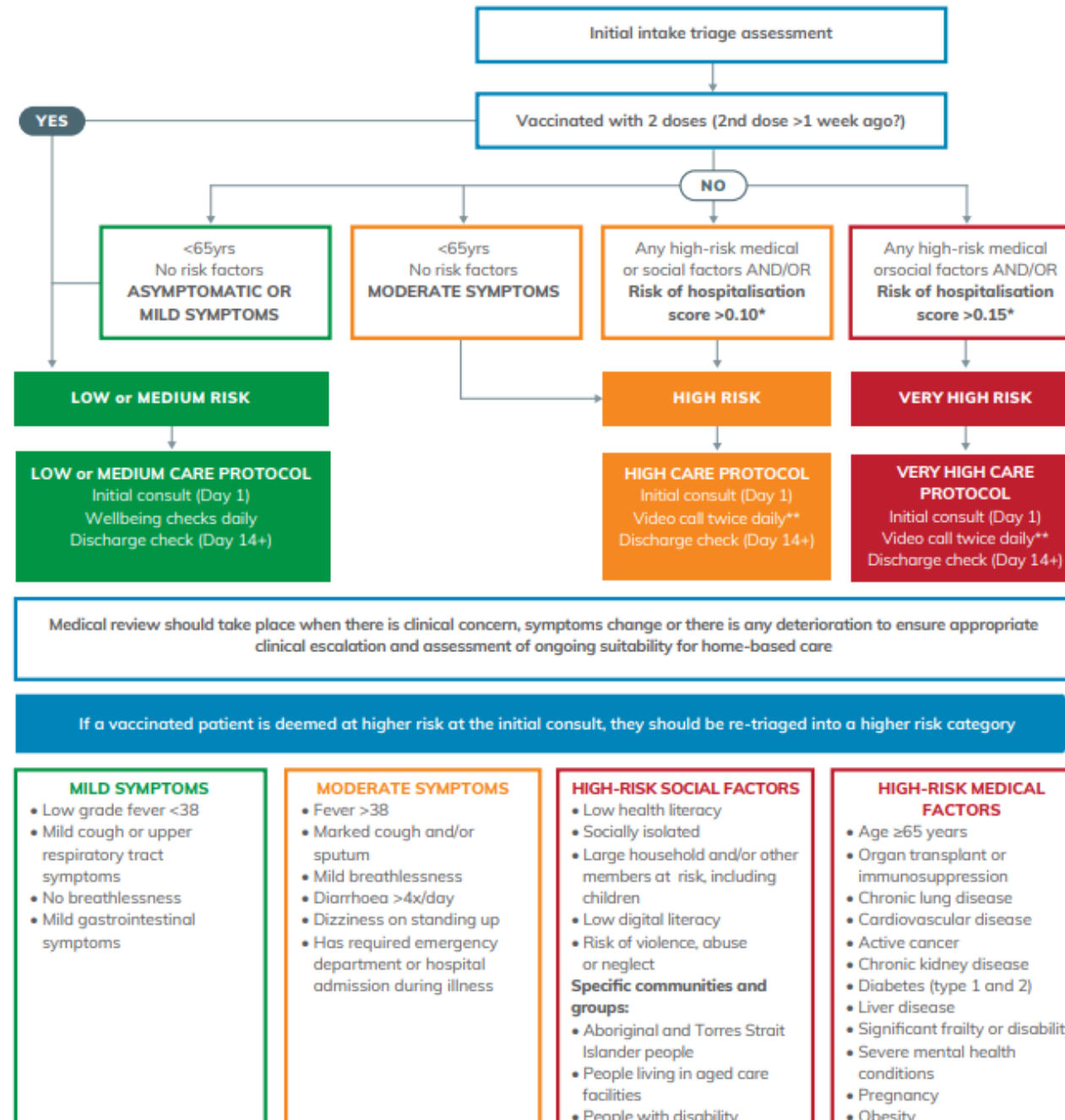
See also:

- Agency for Clinical Innovation (ACI) – [Model of Care for the Use of Sotrovimab in NSW](#) 
- Australian National COVID-19 Clinical Evidence Taskforce – [Recommended Disease-modifying Treatments](#) 



need to
italisation?

Figure 1: New COVID-19 risk stratification patient flowchart

How sick c

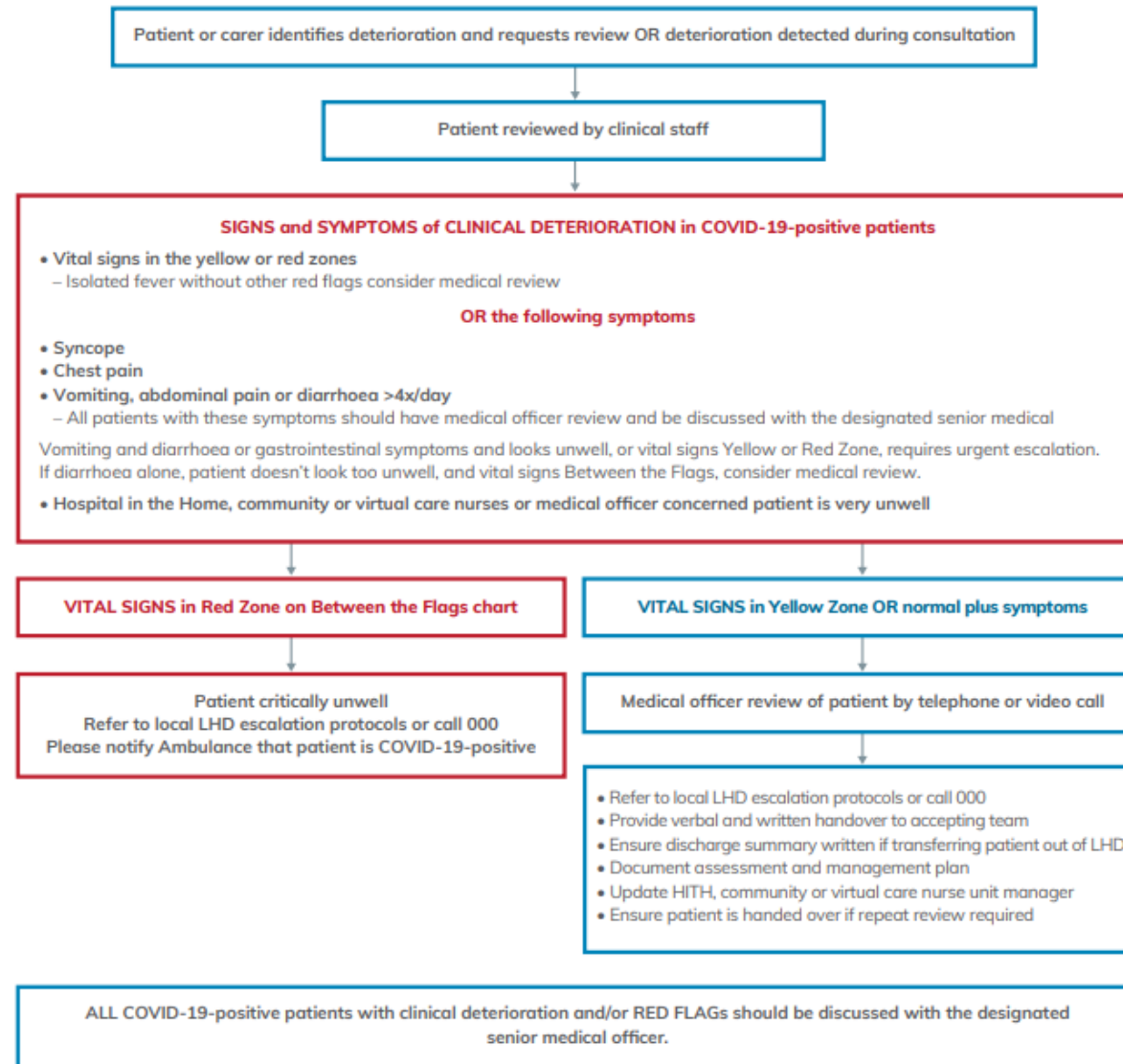


Any ex

- [Anglicare](#) :
 - Food and financial assistance
 - Locations:
 - Inverell: 39 Warialda Street, phone (02) 6701-8200
 - Glen Innes: 1 Cross Street, phone (02) 6701-8200
 - Moree: Wesley Centre, Cnr Frome and Heber Street, phone (02) 6701-8200
 - Narrabri: 95 Barwon Street, phone (02) 6701-8200
 - Armidale Suite 1, 191-193 Beardy Street, phone (02) 6701-8200
 - Tamworth: 34 Denne Street, phone (02) 6701-8200
- Armidale Uniting Church:
 - Food relief, pickup only (does not deliver)
 - 10 am to 12 pm on Monday, Tuesday, and Friday
 - 114 Rusden Street Armidale, NSW 2350
 - Phone (02) 6772-3233
- Liberty Foodcare:
 - Low cost groceries, delivery option available
 - 9.30 am to 2.30 pm Monday to Friday
 - 70 Robert Street Tamworth, NSW 2340
 - Phone (02) 6762-2322
 - [Website](#) 

How sick t

Figure 2: Escalation pathway



De-isolation

Criteria for release from isolation

1. Asymptomatic – 14 days since first positive test and no symptoms throughout
2. Symptomatic with resolution of fever and acute respiratory symptoms – 14 days since onset of symptoms and both:

- resolution of fever for at least 72 hours, and
- substantial improvement in respiratory symptoms of acute illness for at least > 72 hours.

These patients may have ongoing shortness of breath and/or post-viral cough and need clinical judgement as to whether these are possible symptoms of acute infection.

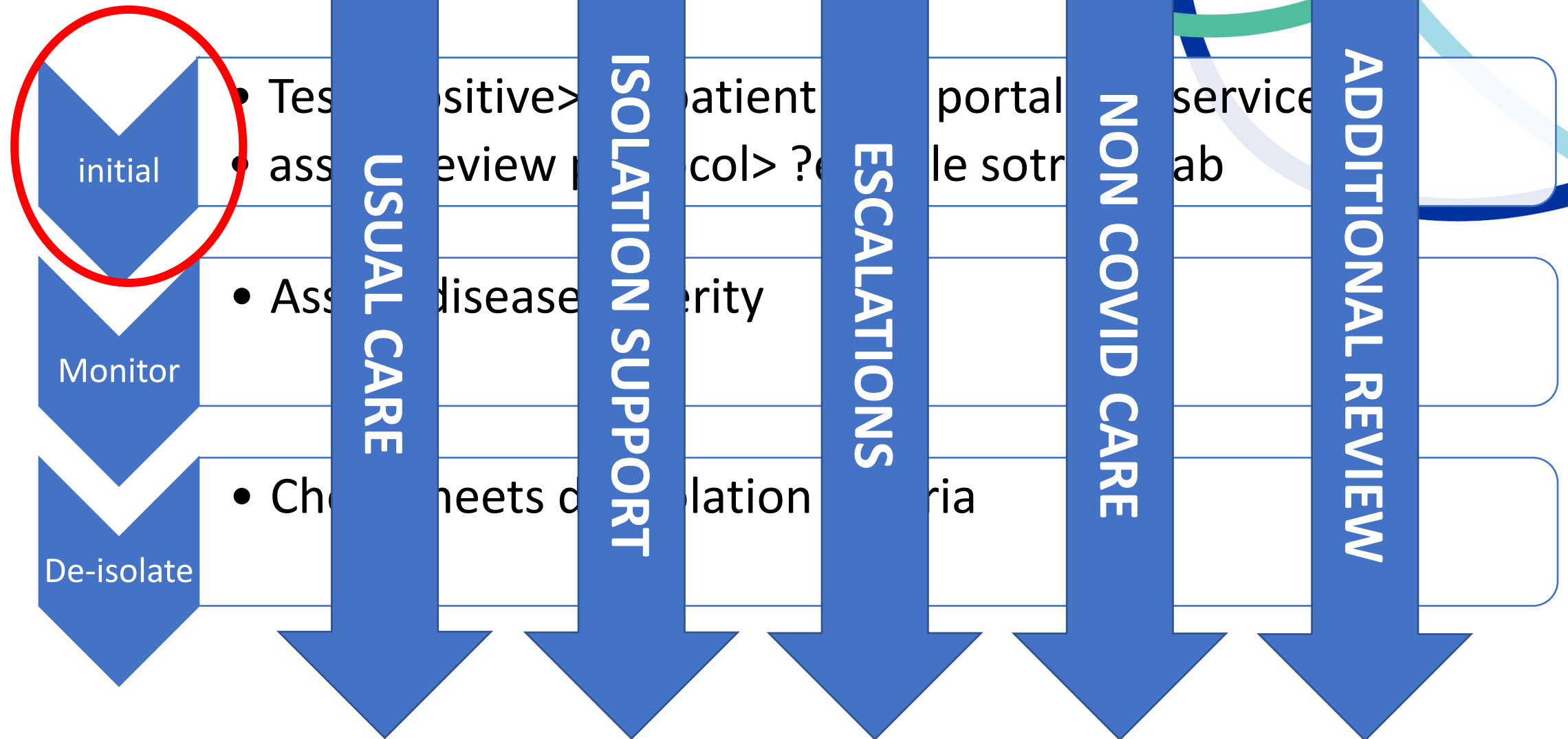
3. Symptomatic without resolution of fever and acute respiratory symptoms:

- If both:
 - At least 20 days since onset of symptoms, and
 - Not immunocompromisedor
- If all of the following are met:
 - At least 14 days since onset of symptoms
 - Resolution of fever for 72 hours
 - Substantial improvement in respiratory symptoms of acute illness
 - Two consecutive negative PCR swabs more than 24 hours apart after day 10 from onset of symptoms

4. Immunocompromised:

- Must meet either 1 or 2 above, and
- Two consecutive negative PCR swabs more than 24 hours apart after day 7 from onset of symptoms

How have GP's handled already?



What happens next?



Adult and Paediatric Hospital in the Home Guideline

Summary

The Guideline provides direction and practical suggestions for the implementation of the Hospital in the Home Program with the purpose of standardising the operation of services across the state. It covers the provision of services to adults and paediatric patients.

File link: [Adult and Paediatric Hospital in the Home Guideline](#)

File size: 735 KB

Document type: Guideline

Document number: GL2018_020

