

Queensland's COVID-19 Care Pathways



**GP Webinar 7 February 2022** 



## What are the challenges?



### The demand is significant and growing

- 31,619 assessment phone calls to 23 January (Adult: Low 18,169; Moderate 10,883; High: 2,567)
- 32,679 completed conversations with digital assistant (Billie the Bot)
- 16,340 completed conversations in paediatric campaign

### Need to provide appropriate care within appropriate time

- There are people with COVID-19 who have not been tested and need to be cared for
- Some people who have a positive PCR or RAT test who are more at risk, and need care faster
- People need information and may need care while waiting for their test results

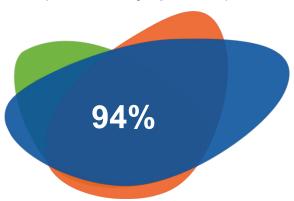
### Address overwhelming demand

Need to enable health service to prioritise and target those in need

### **New Model of Care**

#### Self-care at home

Low risk (includes asymptomatic)

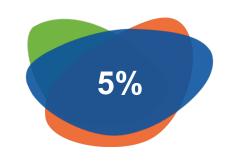


# Up to ~ 230,000 peak infections (~33,000 daily cases)

The daily number is modelled on current inpatient data and assumes a 4 day length of stay (LoS). The peak number assumes a 7 day infection period. Therefore 33,000 daily cases x 7 days = 231,000 concurrent infections at peak.

# Self-care with Primary Care Support

**Medium Risk** 



# Up to ~19,000 peak active cases

Assumes a 3 day lag and a 7 day duration.

# Virtual Hospital

**High Risk** 



# Up to ~1,900 peak active cases

Assumes a 3 day lag into care and a 7 day episode of care.

#### **In Hospital**

Very High Risk
/ Medical emergency



# Up to ~1,500 peak beds

Assumes a 4 day lag and a 4 day length of stay.

#### **IMPROVEMENTS**

- Consumers can opt-in
- Patients triaged and streamed to care pathways
- 4 Care Pathways
- COVID Well selfcare without GP or hospital unless they worsen

### What is the new model of care?

#### **INFORMATION INPUT**

RISK **ASSESSMENT**  **HEALTH RISK** 

CARE **OPTIONS**  **ESCALATION PROCESSES** 





HealthDirect Australia



Phone or tablet

Existing PCR / RAT registration



Risk Stratify



Clinical Health **Practices** 



Policy



Dashboard

Low Risk

**Medium Risk** 

**High Risk** 

**Medical Emergency** 

Other providers augment the care response. E.g. ACCHOs, IUHI, community services, private health providers

**General Practitioners** 



**Private Providers** 



HHS manage virtual model of care



Call 000



COVID therapeutics

Call GP or HealthDirect Australia



**HHS Care** 



In-hospital care

# What is the consumer journey in the system? (for clinicians)



Test or feel unwell

#### **Risk assessment**



Online COVID Care Self-Check



Billie the Bot



National Coronavirus Helpline 1800 020 080 (Interpreters)



**Health Liaison** Officer



Primary health-

First **Nations**  SEQ: Mob Link



#### **Allocation to** Care Model

You will be told the right care for you by phone, health worker or from online survey



#### **Care Delivery**



#### Low Risk: Get well at home

- most people
- well enough to selfmanage and recover at home



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#### **Moderate Risk: COVID Care at home** with GP support

 has existing health conditions that increase risk



#### **High Risk: COVID** Care at home from a Virtual Hospital

- Higher risk of serious illness due to symptoms and existing health conditions
- Daily calls from hospital, medical monitoring devices and may receive COVID-19 medication

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#### **Very High Risk**

• Call Triple Zero (000) or go to a hospital



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#### **Transition of patients**

#### Get well at home

OR

#### **Escalation**

From GP to hospital with secure transfer of information

OR

From Virtual Hospital to in-hospital admission

OR

#### Discharge

To in-hospital admission (clinical handover)



Call Triple Zero (000) or go to a hospital if you:

- have difficulty breathing even when walking around the house
- are coughing up blood
- have significant chest pain
- are collapsing or fainting.

# What happens if I get COVID? (for health consumers)



Test or feel unwell



# Check your symptoms



Online COVID Care Self-Checker www.qld.gov.au/ health/covidcare



National Coronavirus Helpline 1800 020 080 (Interpreters)



Primary healthcare provider



Health Liaison Officer

First Nations

SEQ: Mob Link 1800 254 354



# Told the right care for you

By phone, health worker or from the online survey



#### **Types of Care**



If you get worse call a GP or health worker, or call National Coronavirus Helpline



COVID Care at Home from GP or health worker using telehealth

If you get worse call your hospital



**COVID Care at Home** from a Virtual Hospital

If you get worse call your hospital



**COVID Care in Hospital**Care in a COVID ward



Your Recovery



Call Triple Zero (000) or go to hospital if you:

- have difficulty breathing even when moving around your home
- suddenly find it hard to breathe or breathing is worse
- are coughing up blood

- have significant chest pain
- · are collapsing or fainting
- feeling cold and sweaty, with pale or blotchy skin
- feeling agitated, confused or very drowsy
- have a rash that looks like small bruises or bleeding under the skin and doesn't fade when you roll a glass over it
- stopped peeing or peeing much less than usual

#### **Escalation pathway – what to do**

What to do when your COVID-19-positive patient requires a higher level of care

Please refer to HealthPathways for the latest information and advice. Where possible, referrals to hospital-managed COVID-19 services should be submitted via existing referral channels (i.e. Smart Referrals, Medical Objects, fax).



Difficulty breathing even when walking around the house



Breathing has worsened



Coughing up blood



Bad chest pains



Collapsing or fainting



Feeling cold and sweaty, with pale or blotchy skin



Have a rash



Feeling agitated, confused or very drowsy



Stopping urinating or are urinating much less than usual



oximeter says your oxygen level is 92% or less.



Patient appointment (in person, Telehealth or telephone)



Primary healthcare provider performs clinical assessment





Patient identified as suitable for escalation to hospital COVID-19 service



Healthcare provider phones local hospital's COVID-19 Senior **Medical Officer** 



Primary healthcare provider sends electronic patient referral via secure messaging



Hospital assumes care of patient (virtual or admitted)



If the patient requires general advice only, advise them to phone 13HEALTH (13 43 25 84), the National Coronavirus Helpline 1800-020-080 or visit the I have COVID-19 website.

Please check the local referral process for the COVID-19 hospital service in your catchment area by using HealthPathways

Patient discharged from virtual or inpatient care

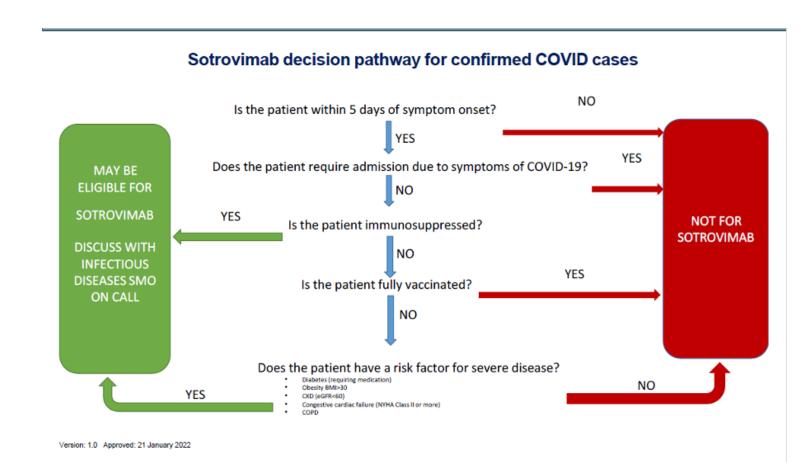
Hospital provides discharge summary to GP to assist ongoing care

www.qld.gov.au/health/covidcare National Coronavirus Helpline (intepreters available) - 1800 020 080 13 HEALTH (13 43 25 84), for confidential health advice from a registered nurse



## Monoclonals

- Referral process the same as the current escalation process, and requires a phone call to the Virtual Ward Clinical lead.
- Clinical criteria for monoclonals is available on the QLD Health website under clinical guidelines.
- COVID infection must be confirmed (RAT or PCR)
- Ronapreve: up to 7 days BUT not suitable for Omicron variant
- Sotrovimab: within 5 days
- Both single dose infusions
- Not hospitalised, do not require oxygen and have one or risk factors for more severe disease progression



## Information for GPs and Patients

Resources can be found at:

- Health Pathways site (Website links, forms, FAQs)
- 2. Asset Library

This link is accessible to stakeholders outside of Queensland Health. It is NOT for patients or consumers – please download/save/print resources. DO NOT share the link with patients. The collection will be continually refined / built upon.



