



Health
Hunter New England
Local Health District

**PRIMARY
HEALTH
NETWORK**



Managing Paediatric RSV in General Practice in a COVID Environment

PHN / HNELHD EDUCATION SESSION

Dr Robert Feltrin (FRACP)
Paediatric Emergency Staff Specialist
John Hunter Hospital Emergency





Emergency Department – Paediatric

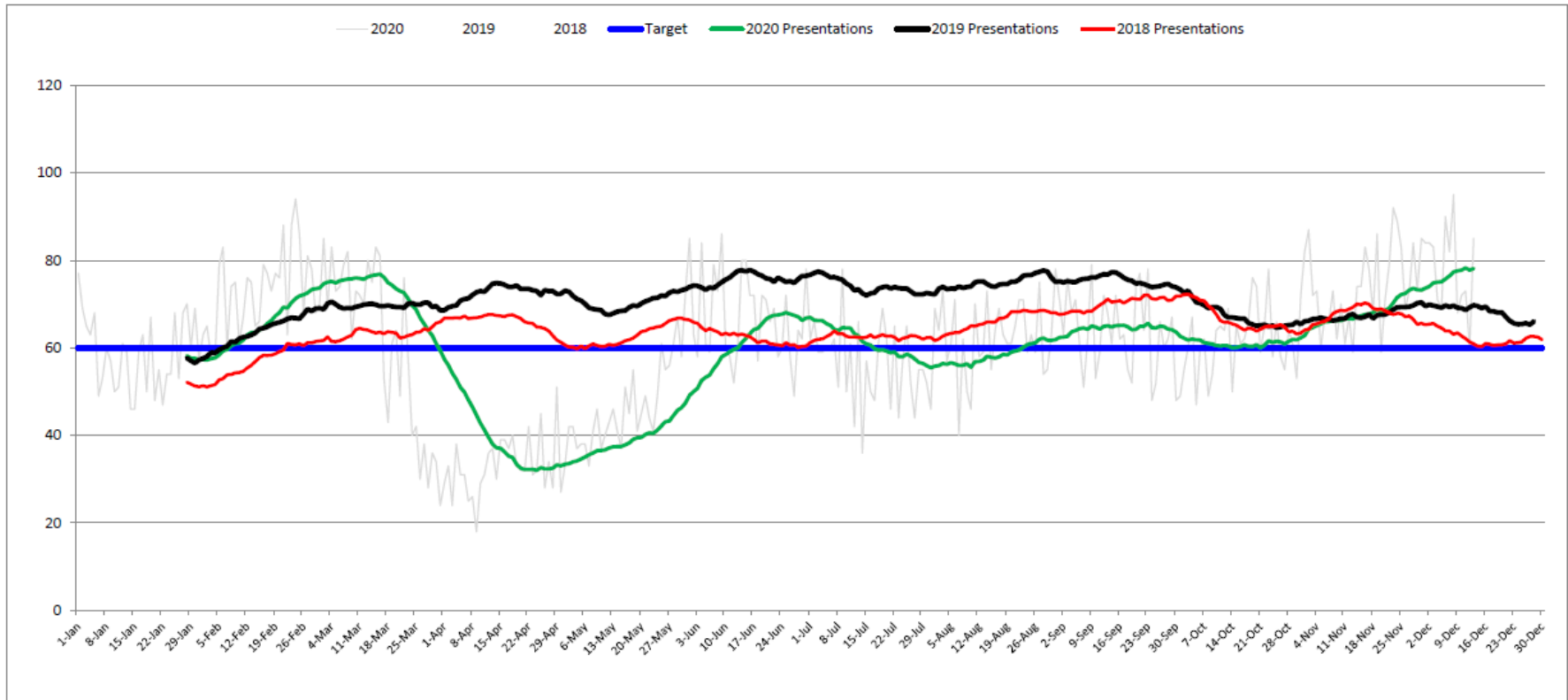
December so far.....

- ▶ 1176 Paediatric Presentations (13/12/20)
 - ▶ Averaging **90.5** per day
 - ▶ December 2019 – **73** per day
 - ▶ Top triage category = Resp/cough
(URTI, bronch, croup, asthma, pneumonitis)
Reflected in SCHN, West..
- We are not cleverer than Mother Nature!



Paediatric Presentations

PRESENTATIONS



RSV (and other viruses) on the rise

Hunter Area Health Service

December so far:

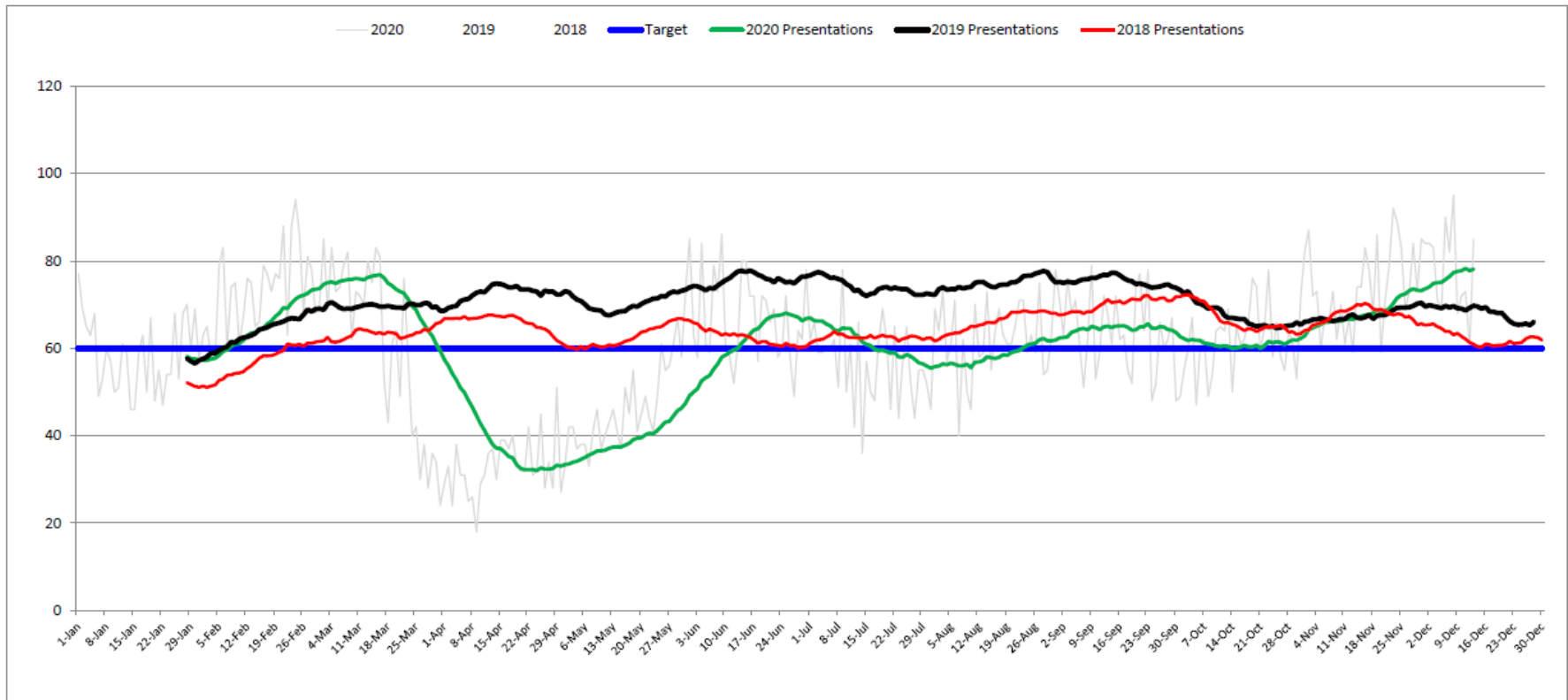
756 Respiratory viral screens

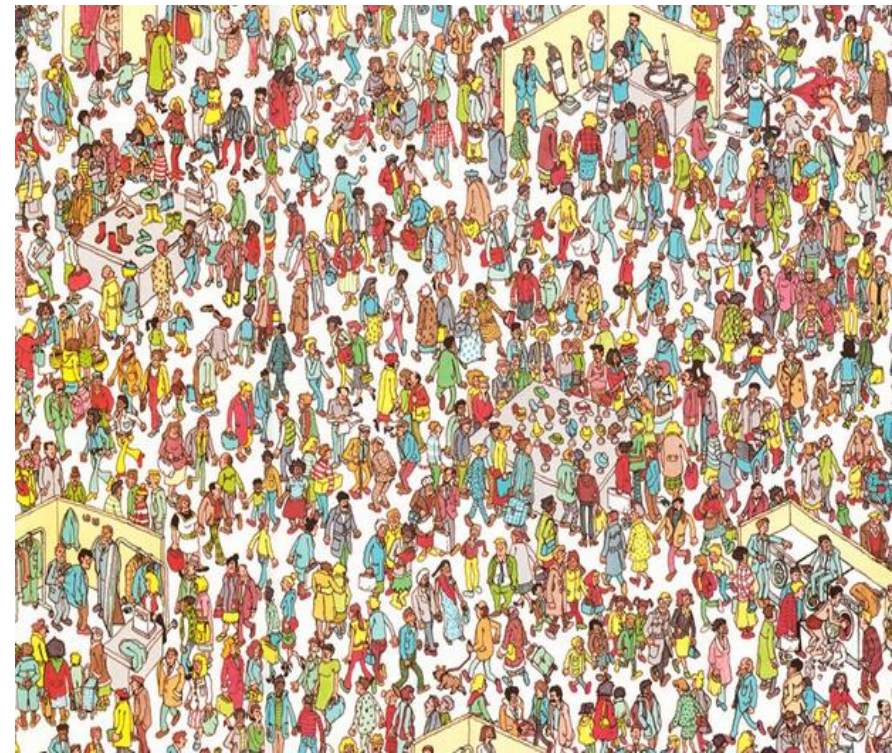
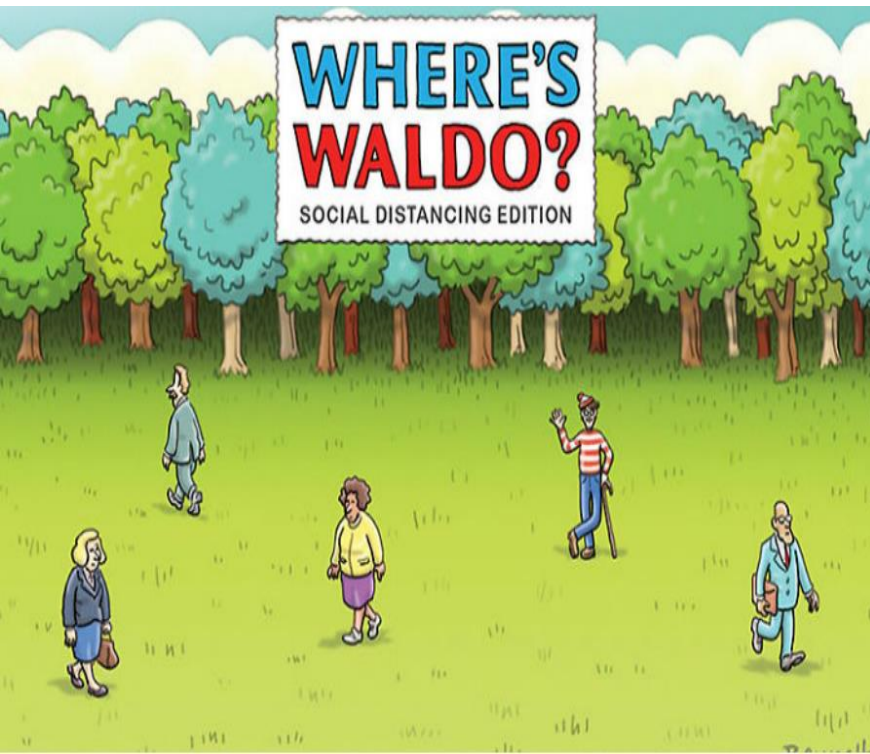
138 RSV +ve (>18%)

Paediatric Presentations

Flow on effect ...?

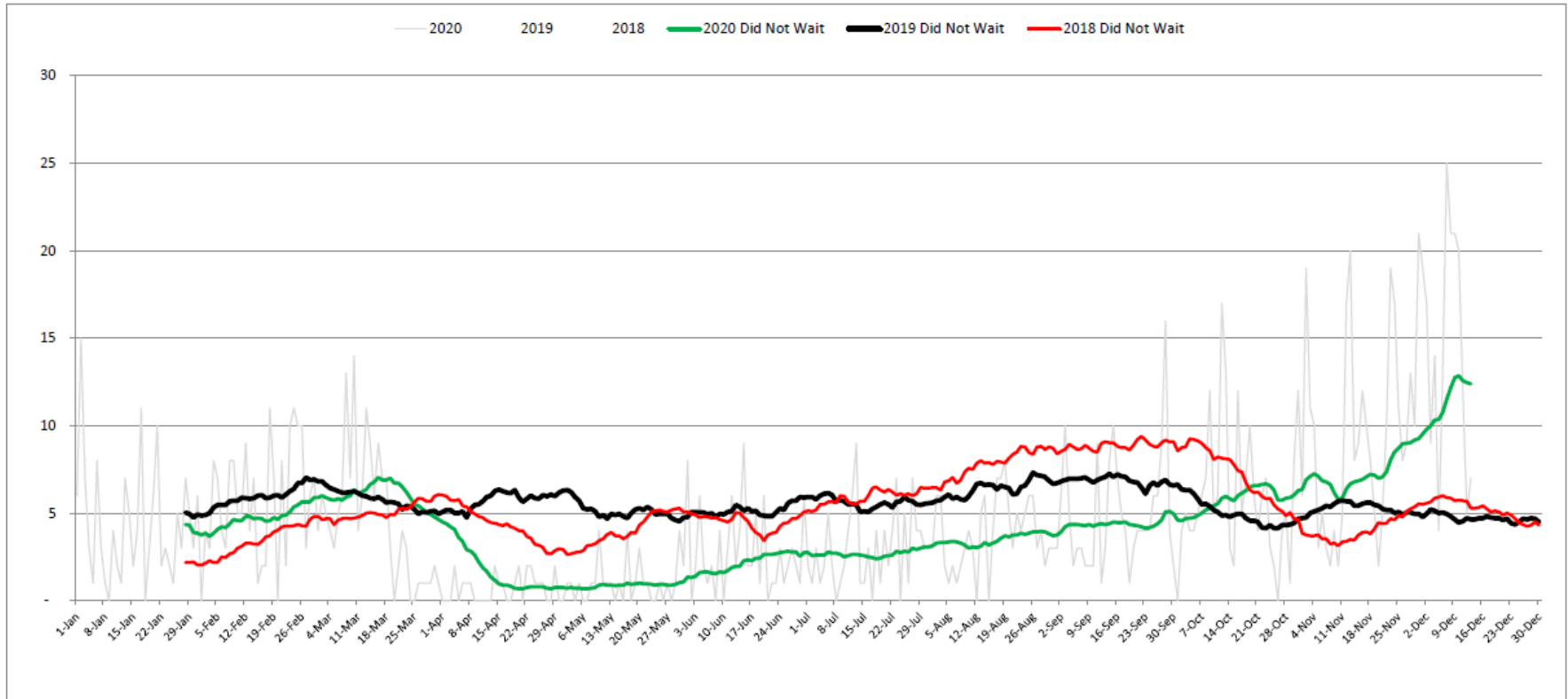
PRESENTATIONS





Did Not Wait

NUMBER OF PATIENTS - DID NOT WAIT



01/11/2019 to 7/12/2019

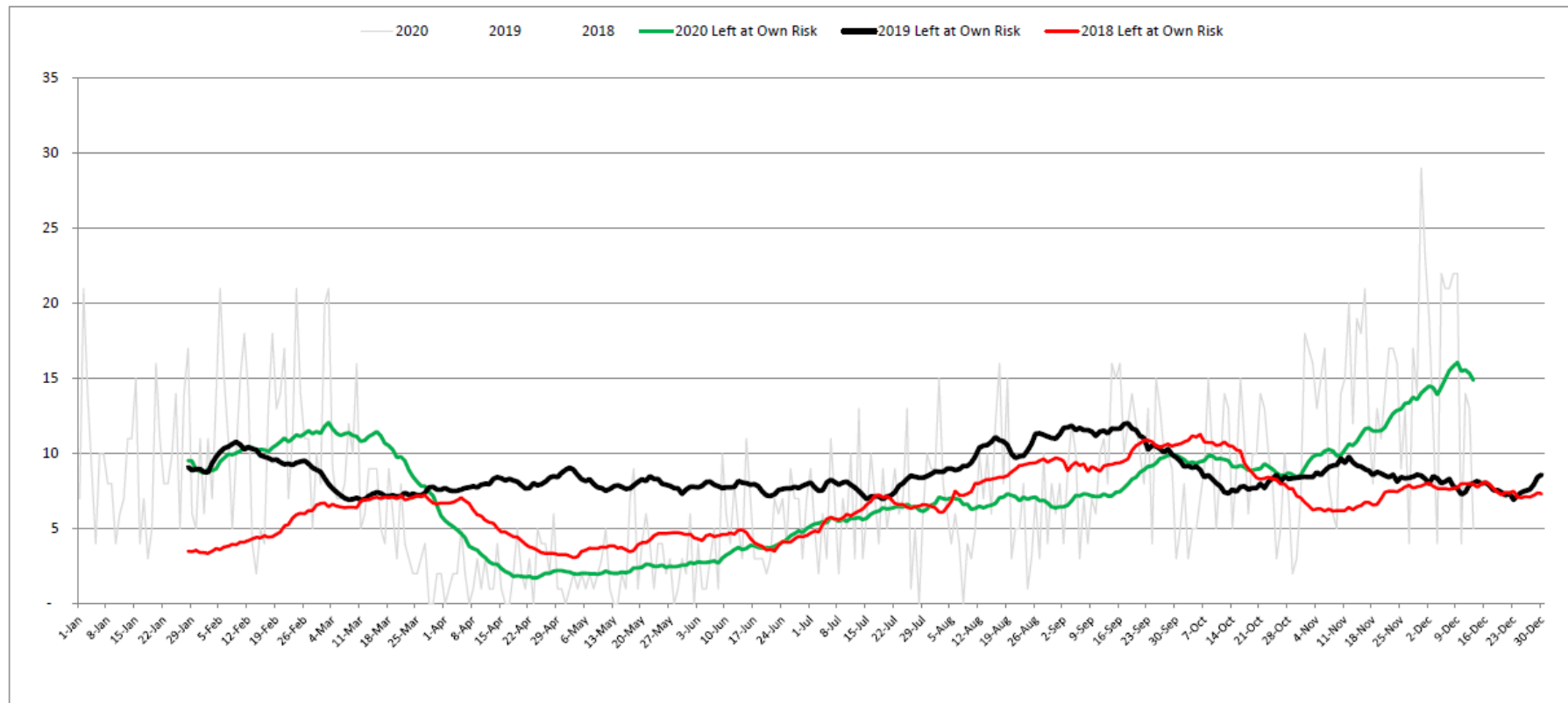
► Did not wait – 94

01/11/2020 – 07/12/2020

Did not wait – 175

Left At Own Risk

NUMBER OF PATIENTS - LEFT AT OWN RISK



Part of the issue
Factors likely multiple
Parent/Consumer Feedback

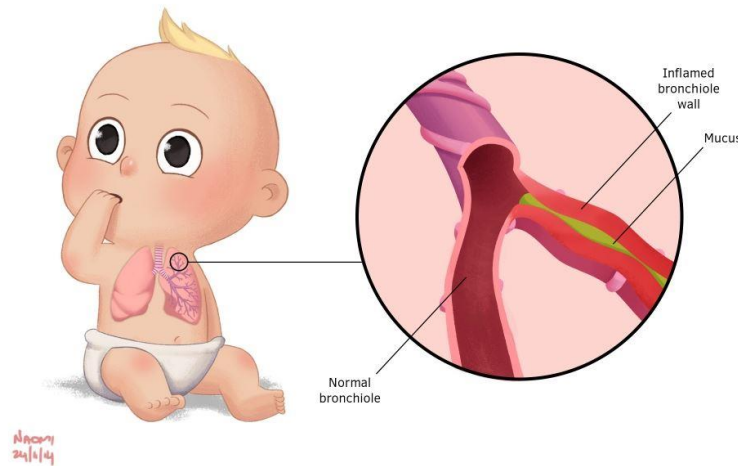


“GP won’t see her until she has a –ve COVID swab “
“GP surgery won’t see any pts with cough, fever, cold symptoms”
GP phone consult – then referred to ED for ...CXR, physical
examination, further tests, swab, review/opinion
“Tried multiple GP surgeries”
Offered telehealth or phone consult – “I want my child seen and
examined by a Dr”
“No spots until next week”
GPAH – ““won’t see any patient with respiratory symptoms, fever ...”



Is it safe to see children with URTI, Bronchiolitis and other viral Respiratory Illness in the Community ?

Business as usual ?
COVID risk?
PPE and other resources?



Bronchiolitis (RSV) and other Respiratory Viral Infections on the rise ..

But:

COVID Green

Last Community Acquired COVID in Hunter ???

Paediatric COVID ?

What we are doing at JHH ED:

New Paediatric ED – still only 8 beds

All comers in same area – previously Amber + Green Areas/Beds

Droplet Precautions – in ED **surgical masks**

No Respiratory-Infectious Area

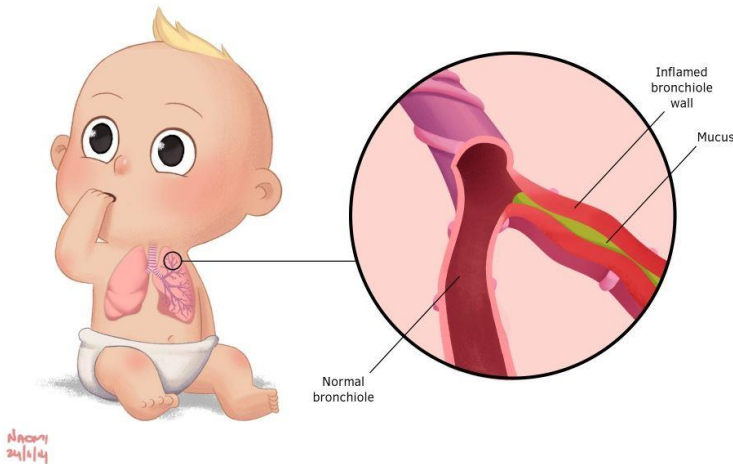
Terminal Clean only if patient in bed > 4hours

Resuscitation – all critically unwell kids in resus – previously COVID intubation trolley/protocol with consideration of –ve pressure room

AGP ??

Swab ALL children with Resp/Fever no focus/gastro (COVID + R14 for admitted)

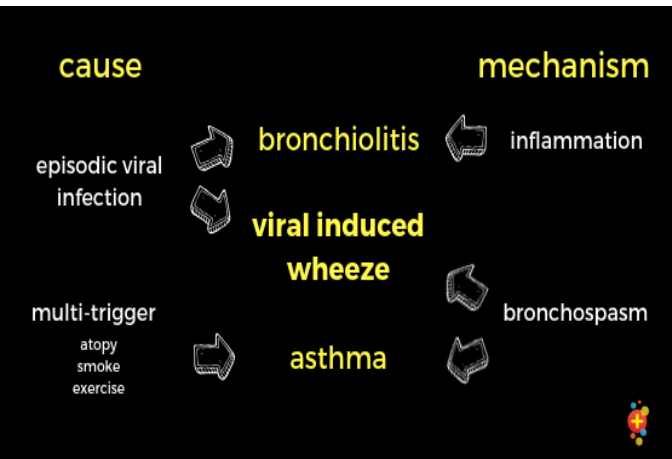
??Cohorting Bronchiolitis Patients on ward



Bronchiolitis



- ▶ < 1 year = bronchiolitis
- ▶ > 1 year something else

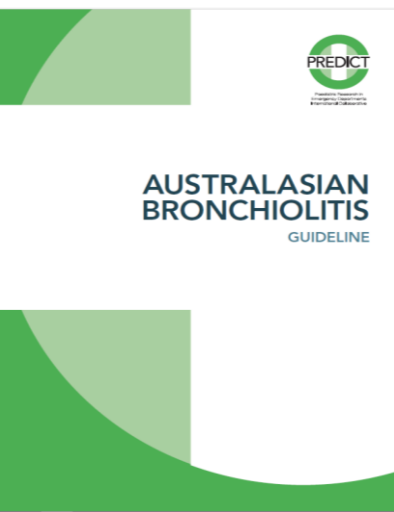


Supportive care

- ▶ Respiratory
- ▶ Hydration – metabolic

ED assessment:

A B C DEFglucose



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[RCH](#) > [Health Professionals](#) > [Clinical Practice Guidelines](#) > [Clinical Practice Guidelines](#)

In this section

Guidelines index

[CPG information](#)



[Feedback](#)

[Guidelines resources](#)

[Parent Resources](#)

[Retrieval services](#)

[Local Antimicrobial
Guidelines](#)

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[View by Title](#)

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[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [All](#)

Latest news



CPG Update November 2020

Information regarding CPGs published in November 2020 and details of topics discussed by the CPG Committee

CPGs endorsed by the Paediatric Improvement Collaborative

November 2020 - The Following CPGs have been endorsed by the Paediatric Improvement Collaborative



General information



CPGs endorsed by the Paediatric Improvement Collaborative

October 2020 - The Following CPGs have been endorsed by the Paediatric Improvement Collaborative

CPGs endorsed by the Paediatric Improvement Collaborative

August 2020 - The Following CPGs have been endorsed by the Paediatric Improvement Collaborative





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[RCH](#) > [Kids Health Information](#) > [Fact sheets](#) > [Bronchiolitis](#)

In this section

[About Kids Health Information](#)

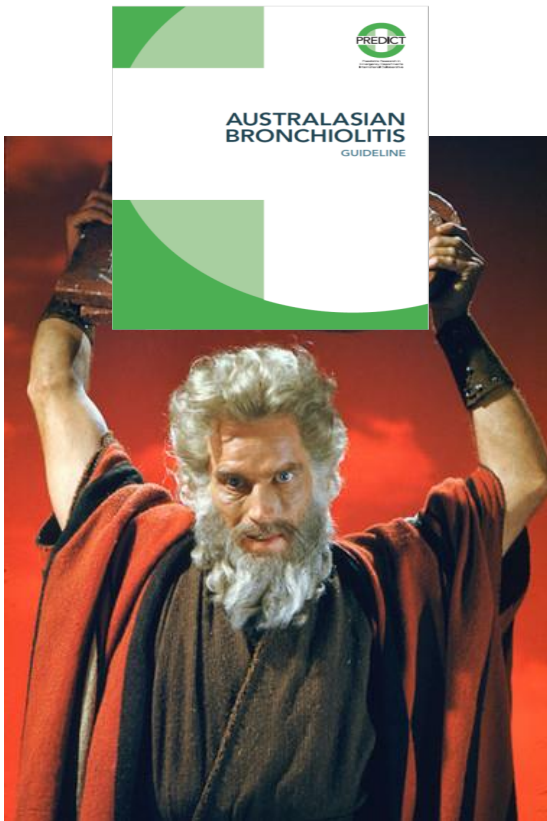
[Fact sheets](#)

Bronchiolitis

This fact sheet is available in the following languages: [Arabic](#), [Assyrian](#), [Burmese](#), [Chinese \(simplified\)](#), [Chinese \(traditional\)](#), [English](#), [Karen](#), [Persian](#), [Somali](#), [Turkish](#) and [Vietnamese](#).



Bronchiolitis Commandments



Treatment is supportive

Thou shalt not:

- ▶ Chest xray
- ▶ Do bloods
- ▶ Give bronchodilator or steroids
- ▶ Give nebulised adrenaline
- ▶ Give nebulised hypertonic saline
- ▶ Routinely NPA
- ▶ Treat with antibiotics

COVID additions – Thou shall:

- ▶ Adopt droplet precautions
- ▶ Swab every patient with fever and/or respiratory symptoms
- ▶ Give Isolation advice

