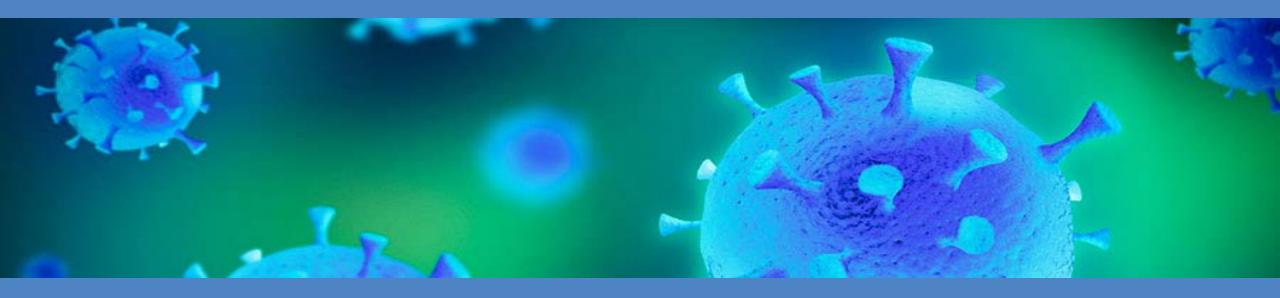
#### VCHIP / CHAMP / VDH COVID-19 UPDATES



Wendy Davis, MD FAAP - Vermont Child Health Improvement Program, UVM
Breena Holmes, MD FAAP – Director of Maternal & Child Health, Vermont Department of Health
August 26, 2020









#### **Technology Notes**

1) All participants will be muted upon joining the call.

If you dialed in or out, unmute by pressing #6 to ask a question (and press \*6 to mute).

Presenters: Please avoid the use of speakerphone and make sure your computer speaker is muted if you dialed in via phone.

2) To ask or respond to a question using the *Chat* box, type your question and click the licon or press Enter to send.







#### Overview

- Women's Equality Day
- Also celebrating National Dog Day
- □ Reminder: weekly event schedule
  - VCHIP/CHAMP/VDH calls: Mon/Wed/Friday [NOTE: NO VCHIP CALL Friday, September 4, 2020 (pre-Labor Day weekend); Gov. Media Briefings Tues/Friday; VMS call with Commissioner Levine Thursday.
- Situation, VDH, AAP & CDC Updates, Tuesday Media Briefing
- Practice Issues: Responding to changing guidance & new data
- □ Q & A, Discussion

[Please note: the COVID-19 situation continues to evolve very rapidly – so the information we're providing today may change quickly]





### Situation update

Total Cases

1,577

4 New

Currently Hospitalized

4

Hospitalized Under Investigation

10

Total People Recovered

1,388

Deaths

58

People Tested

122,841

Travelers Monitored

856

Contacts Monitored

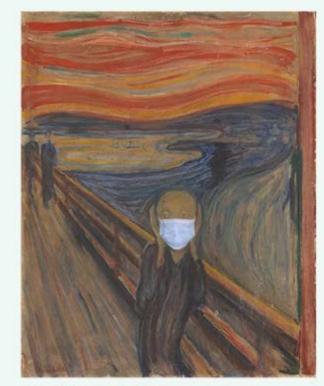
65

People Completed Monitoring

7,165

Last Updated: 8/26/2020, 11:03:09 AM

- Surpassed 120K total tests conducted this past weekend
- VDH Weekly Data Summary (8/21/20):
  - Overview, case demographics, clinical course, outbreaks, syndromic surveillance
  - https://www.healthvermont.gov/sites/d efault/files/documents/pdf/COVID19-Weekly-Data-Summary-8-21-2020.pdf
  - Weekly Spotlight topic: County Profiles Testing Data – countyspecifics demographics among VT residents tested for COVID-19.

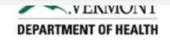


The Scream Mask (c 1910) Edvard Munch

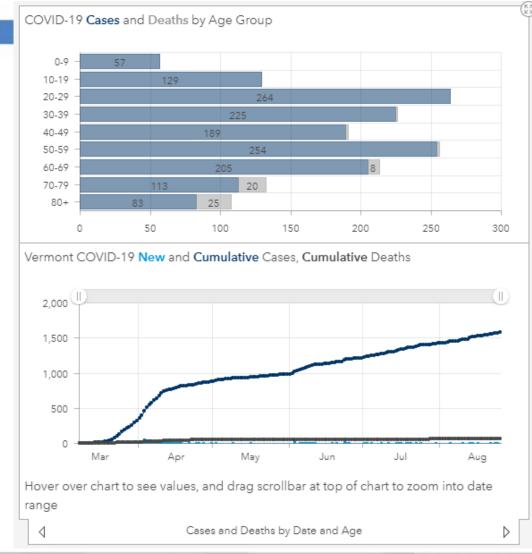
History is in our hands. Please wear a mask.

#MasksOnVT

https://www.healthvermont.gov/response/coronavirus-covid-19/current-activity-vermont#dashboard

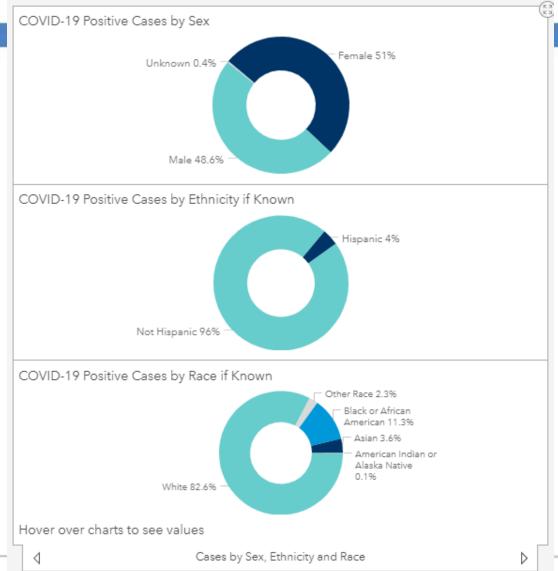


### Situation update





Situation update







### **VDH Updates**

- "Toolkit" under development for school reopening for now, SEE main VDH "Schools, Colleges & Child Care Programs" web page
  - https://www.healthvermont.gov/response/coronavirus-covid-19/schoolscolleges-child-care-programs

#### □ NEW:

DEPARTMENT OF HEALTH

- COVID-19 at School: Guide for administrators, COVID-19 coordinators, and school nurses when someone with COVID-19 was at your school while infectious
  - https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID-19-School-Case-Quick-Reference.pdf
- PreK-12 School COVID-19 Case Actions Checklist (August 2020) <a href="https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID-19-">https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID-19-</a>

### VDH Updates (cont'd.)

- VDH "Schools, Colleges & Child Care Programs" web page
  - https://www.healthvermont.gov/response/coronavirus-covid-19/schools-colleges-child-care-programs
- How pre-2 schools can prepare for COVID-19 cases in their school)

#### Under development:

- "What to Expect" document for families
- Condensed, family-friendly version of the algorithm: COVID-19 in Pediatric
   Patients (Pre-K Grade 12)
  - Plan: share via VDH (District-based) School Liaisons, School Nurses (with assistance from Sharonlee Trefry, VDH State School Nurse Consultant), and all of you!
- Medical Mask Exemptions for Children one pager





### VDH Testing – Your Assistance Needed!

- Assessing # of pediatricians and primary care providers
   ordering the nasal swabs: total of 9 requests since the August
   12, 2020 Testing Guidance and Kit Ordering HAN was sent.
- VDH response: disappointed felt that "the availability of nasal swabs and information on billing would be a 'game changer."
- Please help VDH understand other barriersto increased testing by primary care.
- Other key contacts?





### Successful Camp Example from MA

- News report, Boston station WCVB (via @healthvermont Twitter)
- Where: Camp Sewataro, Sudbury, MA
- □ Who/what:
  - 40 days, sessions q. 2 weeks, 120 staff, 350 campers
  - Zero cases COVID-19!
- ☐ How:
  - Masks, 6-ft. distancing
  - Constant cleaning & disinfection
  - Extra RNs: isolation rooms (not used), daily T & sx checks





### Algorithm p. 1

#### **DRAFT**

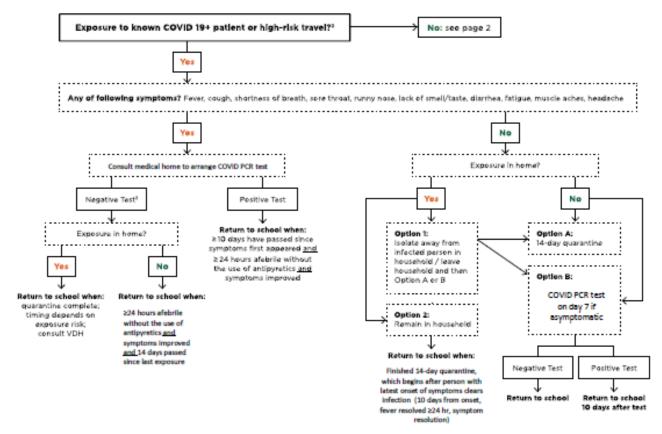
#### **COVID-19 in Pediatric Patients:**

Triage, Evaluation, Testing and Return to School (Pre-K - Grade 12)' Children's









This algorithm was developed in the setting of Vermont's lose prevalence of SARS-CoV-2 Virus. This is a changing environment, and as we gain new knowledge about this virus, expect adaptations. \*Deposits/femily had described to within 6 feet of an infected paratin for missated with a paratin with a paratin with confirmed COVID-00x or traveled to or lived in an area where the local, Tribal, territorial, or state health deportment in practing large amender of COVID-19 Lites (Associated Associated Associ

"If highly suspect COVID, may repeat test in 34 hours

High-risk travel also includes travel to a "green" area via public transportation (e.g., airplane, bus)

PAGE 1





### Algorithm p. 2



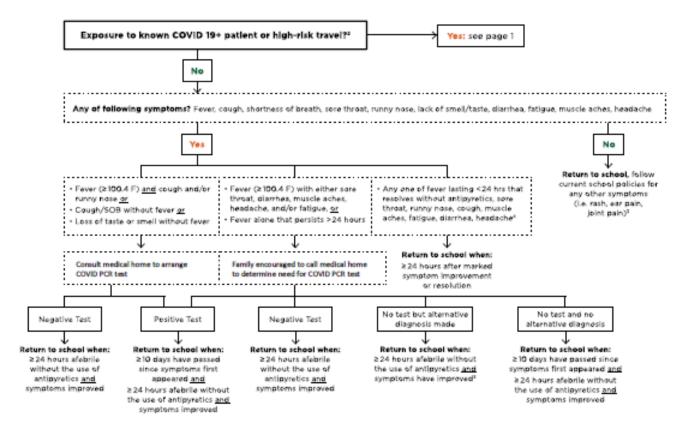
#### COVID-19 in Pediatric Patients:

Triage, Evaluation, Testing and Return to School (Pre-K - Grade 12)1









This algorithm was developed in the setting of Vermont's low prevalence of SARS-CoV-2 Virus. This is a changing environment, and as we gain new knowledge about this virus, expect adaptations "Exposure/travel had close contact (within 6 feet of an infected person for at least 15 minutes) with a person with confirmed CDVID-15; or traveled to or level in an erea where the local, Tribal, territorial, or state health dispartment to reporting large number of cases of CDVID-15 https://acodverment.gov/cosid-15/nustart/cross-state-travel

"Rash alone, including purple tones, is not currently a CDC listed symptom of acute CGVID-19 infection.





PAGE 2

<sup>\*</sup>Consult usual infectious disease professis (e.g. Red Book or Caring for Our Children)

## Tuesday Media Briefing

#### Governor Phil Scott

- Health update
- DMV improvements
- School reopening updates



### Tuesday Media Briefing (8/25/20)

#### **Commissioner Levine:**

- □ Over the past week: av. 6 new cases/100K vs. natl. av. 93
  - Lowest U.S. positivity rate well <1%
  - Past 3 wks.: 60% Chittenden, Rutland & Washington Cos. NO ongoing community transmission.
- □ V. few pts. presenting to UCCs & EDs w/COVID-like illness.



### Tuesday Media Briefing (cont'd.)

#### Commissioner Levine:

- □ 3 national/international stories:
- □ Can one get re-infected by SARS-CoV-2?
  - Recent reports from Hong Kong and Netherlands
  - "Seems to reinforce the answer is yes, but quite infrequently."
  - Genetic sequence implies NOT prolonged shedding 2<sup>nd</sup> infection mild so 1<sup>st</sup> may have provided some immunity.
- FDA EUA for Ab-rich blood plasma donations.
  - May be helpful for hosp. pts to reduce severity, dur & poss mort. BUT subset not elderly, not on vent, treated v. early. And observational data.
  - In my opinion, FDA actions somewhat premature."





### Tuesday Media Briefing (cont'd.)

#### **Commissioner Levine:**

- Report from child care programs in RI:
- Child care that resumed ops at time of low community spread
   AND followed strict protocols (mask adults, max class sizes up to 20, daily sx screening, strict disinfect protocols – successful in limiting cases/transmission.
- 666 programs: cases in 29. IN only 4 was there secondary transmission adult to adult.
- Infections contained in all others, totally prevented in majority.
- CDC Director believes supports that OK to open schools.





## Tuesday Media Briefing

#### **AOE Secretary French**

- Some teachers/staff back this week test remote platforms to assure we're ready.
- Goal: same high-quality education as pre-pandemic.
- W/few exceptions, most Districts starting w/hybrid approach. Start w/this model; improve remote platforms.
- Hope to see schools expand in-person ops when supported by data, improving remote ops impt b/c schools could close if outbreak.
- Raw data doesn't show all hard work admin/teach/supts, SNs going above & beyond to make safe.





### Tuesday Media Briefing

#### **AOE Secretary French**

- Printed copies of #MasksOnVT campaign posters. Schools can create own.
- Rolling out PPE distribution
- □ 1634 specialized PPE kits; 81K pr gloves; 1600 face shields.
- □ 29K face coverings, In addition to >200K K95s for teacher use.





### Practice Issues

#### Responding to Changing Guidance and New Data

Drs. Benjamin Lee and Bill Raszka, Pediatric Infectious Diseases, UVM Children's Hospital



University of Vermont Children's Hospital







### The Ever-Changing Face of the COVID-19 Pandemic

#### Updated CDC Guidance:

Overview of Testing for SARS-CoV-2 (COVID-19)

"Diagnostic testing categories have been edited to focus on testing considerations and actions to be taken by individuals undergoing testing."

#### BMJ article:

"Two metres or one: what is the evidence for physical distancing in covid-19?" (Jones, et al).





# Data Update

medRxiv preprint doi: https://doi.org/10.1101/2020.08.03.20167395.this version posted August 4, 2020. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted medRxiv a license to display the preprint in perpetuity.

It is made available under a CC-BY-ND 4.0 International license.

Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients

Table 3. Estimate of viable virus counts based on TCID<sub>50</sub> tests.

Sample ID	Virus genome equivalents/L of air <sup>a</sup>	TCID <sub>50</sub> /100 μl	Viable virus count/L air
1-1 BioSpot	94	2.68E+04	74
1-2 BioSpot + HEPA	-	0	0
1-3 BioSpot	30	6.31E+03	18
2-1 VIVAS	44	1.00E+04	27
2-2 VIVA S+ HEPA	-	0	0
2-3 VIVAS	16	2.15E+03	6

Arr 11 A

ORIGINAL ARTICLES | ARTICLES IN PRESS





PDF [1 MB]

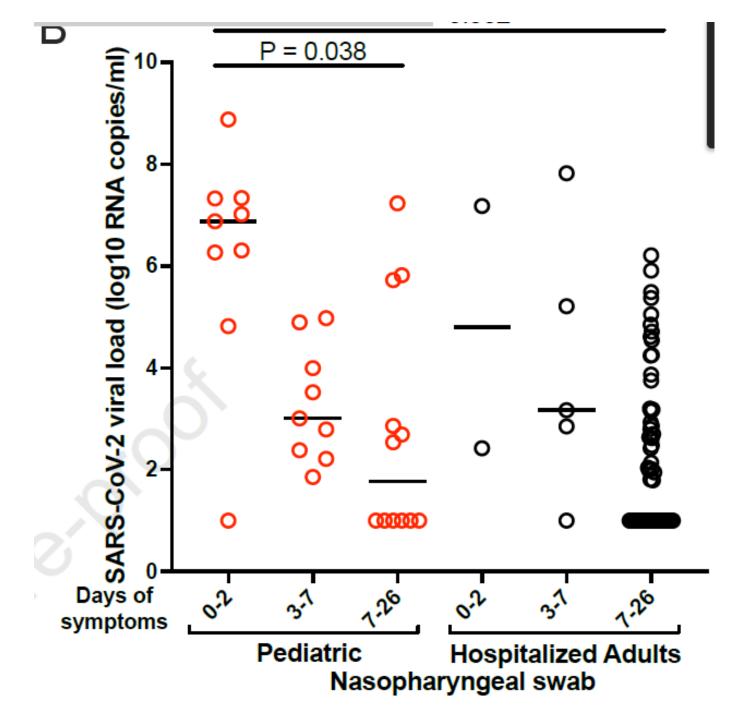
Figure

# Pediatric SARS-CoV-2: Clinical Presentation, Infectivity, and Immune Responses

Lael M. Yonker, MD 😕 🖾 • Anne M. Neilan, MD • Yannic Bartsch, PhD • ... Galit Alter, PhD •

Jonathan Z. Li, MD, MMSc • Alessio Fasano, MD • Show all authors

Published: August 19, 2020 • DOI: https://doi.org/10.1016/j.jpeds.2020.08.037





Search

#### Coronavirus Disease 2019 (COVID-19)



Your Health 🗸

Community, Work & School >

Healthcare Workers & Labs ✓

Health Depts ∨

Cases & Data 🗸

↑ Healthcare WorkersTestingTesting Overview

HEALTHCARE WORKERS

Overview of Testing for SARS-CoV-2 (COVID-19)

Updated Aug. 24, 2020

Print





• If you have been in close contact (within 6 feet) of a person with a COVID-19 infection for at least 15 minutes but do not have symptoms:

• You do not necessarily need a test unless you are a vulnerable individual or your health care provider or State or local public health officials recommend you take one.

"If you have been in close contact (within 6 feet) of a person with a COVID-19 infection for at least 15 minutes but do not have symptoms, you do not necessarily need a test unless you are a vulnerable individual or your health care provider or State or local public health officials recommend you take one."

Those who don't have Covid-19 symptoms and haven't been in close contact with someone with a known infection do not need a test, the updated guidelines say.

### Topics We Are Following

- School (K-12), college/university reopening, return to sports guidance
- AAP-VT Task Force on Race and Health Equity
- □ Immunization strategies/policy: catch-up, flu, COVID-19 (?)
- Pediatric health care "restart": how to safely reopen your practices
   (Ideas? Questions?) please email: <u>vchip.champ@med.uvm.edu</u>
  - Federal and state COVID-19 financial relief
- MIS-C (Multi-System Inflammatory Syndrome in Children)
- Summer camps/other recreational activities
- OneCare Vermont all-payer model adjustments





#### Questions/Discussion

- Q & A Goal: monitor/respond in real time; record/disseminate/revisit later as needed.
- For additional questions, please e-mail: vchip.champ@med.uvm.edu
  - What do <u>you</u> need how can we be helpful (specific guidance)?
- □ VCHIP CHAMP VDH COVID-19 website:

  https://www.med.uvm.edu/vchip/projects/vchip\_champ\_vdh\_covid-19\_updates
- Next CHAMP call: Friday August 28, 12:15-12:45 (current schedule: Mon/Wed/Friday)
- Please tune in to VMS call with Commissioner Levine:

Thursday, August 27, 12:30-1:00 p.m. – Zoom platform & call information:

□ Join Zoom Meeting:

https://us02web.zoom.us/j/86726253105?pwd=VkVuNTJ1ZFQ2R3diSVdqdlJ2ZG4yQT09

- Meeting ID: 867 2625 3105 / Password: 540684
- One tap mobile +1 646 876 9923, 86726253105#, 0#, 540684# Dial In- +1 646 876 9923 / Meeting ID: 867 2625 3105 / Password: 540684



