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Community of Learning Public Schools

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Meeting Agenda

- Background and Review of Early Adopter Program
- Feedback and Discussion
- Q&A

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Goals and Objectives

1. Understand the requirements for K-12 School COVID-19 testing
2. Identify challenges and opportunities
3. Learn from experiences of those currently doing COVID-19 testing in school
4. Foster communication and preparation for K-12 testing among participants

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Infrastructure and Capacity

- Requirements
  - Approved CLIA Certification and Maryland Laboratory License on file with MDH
  - Approved personnel to administer and process the test
  - Access to Maryland Health Information Exchange (CRISP) and required personnel to enter the point-of-care (POC) results
  - Appropriate personnel to provide clinical guidance
  - A signed consent form (for minors being tested)
  - A contract with a CLIA certified lab that can process confirmatory PCR tests

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Infrastructure and Capacity (Cont.)

- Recommendations
  - A standard operating procedure
    - administer tests
    - respond to result
  - Communication strategy
  - Clinical/Medical consultant
- Standard for POC and PCR Testing
  - Infection control (isolation room, PPE, etc)
  - Waste handling
  - Courrier for PCR specimens
  - Storage of supplies

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Best Use Cases

1. Diagnosis of SARS-CoV-2 infection in a person who is symptomatic
   a. High sensitivity and specificity
   b. Allows early diagnosis for exclusion and quarantine decision making
2. Screening/surveillance among an asymptomatic population (sequential testing)
   a. Identifies asymptomatic cases to limit exposures and spread
   b. May identify asymptomatic cases earlier in the infection based on frequency of testing
3. Outbreak investigation post exposure

Pros and Cons of PCR and POC Tests

PCR Tests		POC Tests	
Pros	**Cons**	**Pros**	**Cons**
• Highly accurate • Fewer false positive and false negative results than POC tests	• Sample must be sent off-site for processing • Results generally not available for 2-3 days	• Results available in 15-20 minutes • Results are processed onsite • Shows active COVID-19 infection	• Generally not as accurate as PCR test • Tend to produce more false negative and false positive results than PCR tests

Please see the CDC "Interim Guidance for Antigen Testing for SARS-CoV-2" for additional information.

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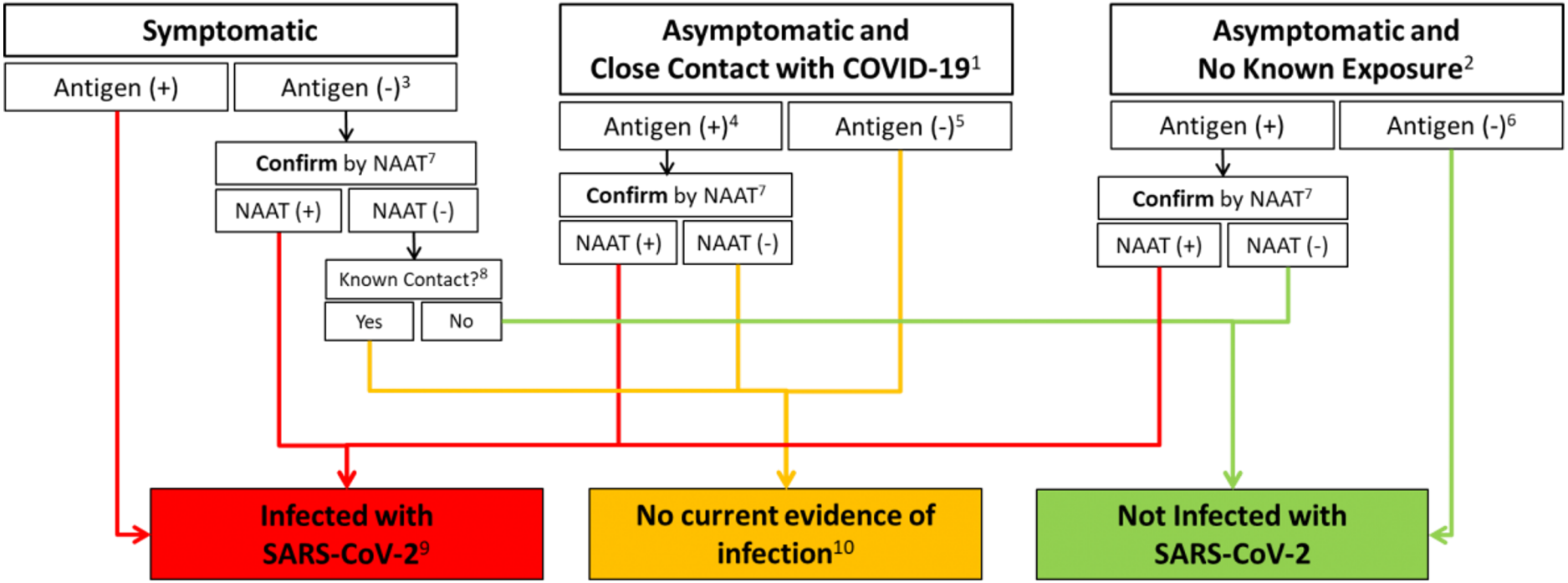
Interpretation of POC Test Results



** For footnotes and technical information please see the CDC "Interim Guidance for Antigen Testing for SARS-CoV-2"

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Current Requirements for Responding to a Positive Test Result

- Follow current MDH/MSDE guidance for:
  - Communication
  - Identification and notification of close contacts
  - Isolation, exclusion, quarantine, and return to school

- Report all test results

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Reporting Requirements for Schools

- All POC results (positive, negative, & inconclusive) must be reported to CRISP by the school
  - Each local health department will identify 1-2 public school liaisons as “super users”
  - Each super user will be able to add and delete CRISP users who can enter POC results

- PCR tests will be reported by the processing lab

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Discussion and Questions

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