



ON-CAMPUS SAFETY MEASURES

**RAPID TESTING AND AIR FILTER
MONITORING ON DJUSD CAMPUSES**



AIR FILTER MONITORING

HDT is piloting air filter sampling at two DJUSD schools to detect the presence of COVID-19 in classrooms, complementing weekly opt-in testing

PROGRAM GOALS

- Provide **passive monitoring** of classrooms when daily testing of students is not feasible

PROCESS OVERVIEW

- Once per week, DJUSD testing staff swab **portable HEPA filters** in each classroom
- Samples are processed at the UCD Genome Center with **results within 24-48 hours**
- DJUSD reports results on website, follows **defined safety protocol**, and replaces the air filter

POSITIVE RESULT OVERVIEW

Tells us...

- Individual(s) entered the classroom that shed virus within the last seven days (or since the last filter sample or replacement)

Does not tell us...

- The source of the virus (student or staff)
- If he/she is currently infectious/shedding virus

Results in...

- The entire school population is notified
- Individuals within the classroom are encouraged to get tested and quarantine if necessary
- DJUSD testing staff collect swabs twice per week in the following weeks

RAPID ON-SITE TESTING

HDT is piloting rapid, point-of-care antigen tests (Abbott BinaxNOW) at three DJUSD schools to test both symptomatic and exposed students and staff members

PROGRAM GOALS

- Identify and **isolate infectious cases** by providing rapid results to symptomatic or exposed students and staff members

PROCESS OVERVIEW

- **Symptomatic or exposed** individuals are identified by school nurses, via contact tracing, or self-identification
- A **trained DJUSD nurse** conducts a BinaxNOW test (if testing waiver is completed by parent) using a gentle swab in the front of an individual's nose
- Individual is isolated until a result is available (**usually within 15 minutes**)

POSITIVE RESULT OVERVIEW

Tells us...

- Individuals that are infectious (84% sensitivity)

Does not tell us...

- Individuals that have COVID-19 at non-infectious levels or previously had COVID-19

Results in...

- Positive individual is quarantined for 10 days
- HDT and DJUSD Contact Tracing identify potential contacts
- Classmates and close contacts are quarantined for 10 days and recommended to get tested

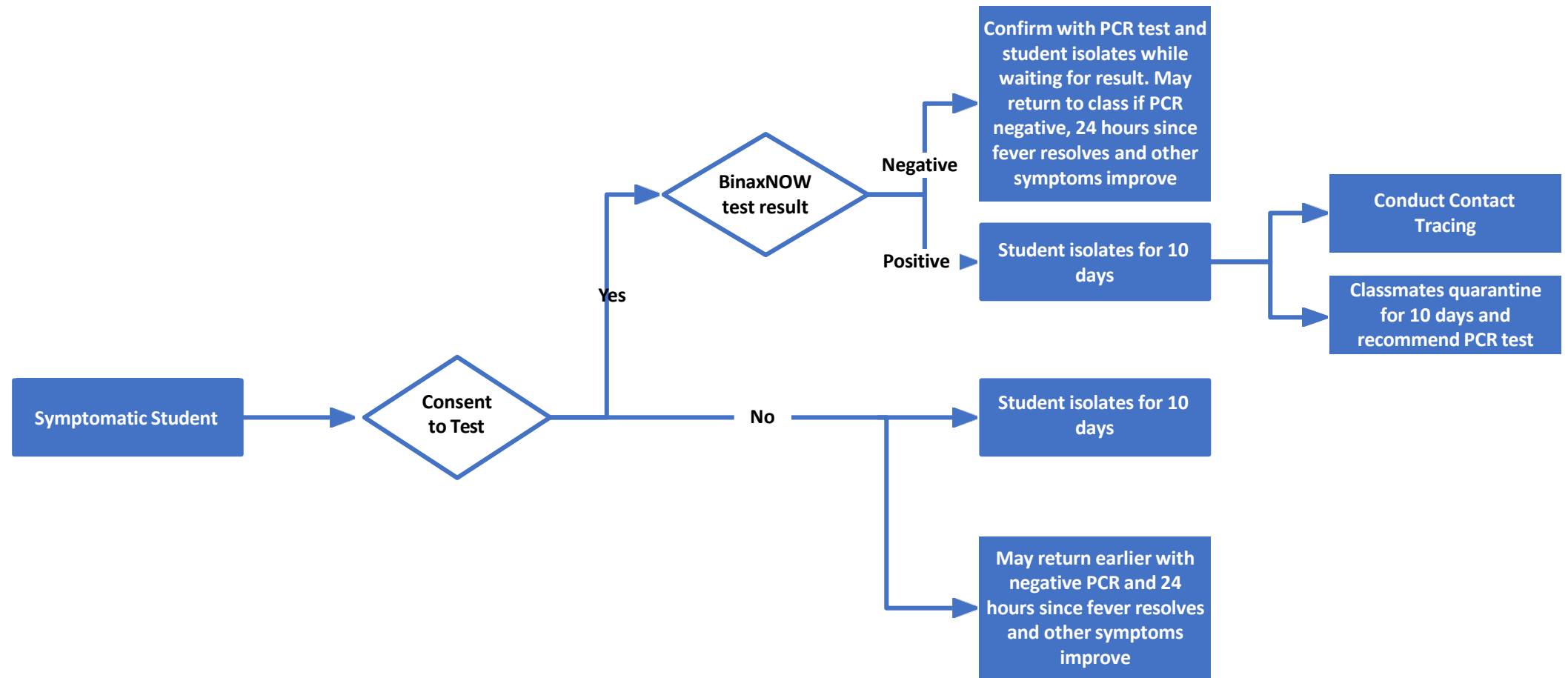
APPENDIX

ACTION PROTOCOLS



SYMPTOMATIC STUDENT ACTION PROTOCOL

The following steps should be taken in response to a student presenting COVID-19 symptoms



AIR FILTER ACTION PROTOCOL

The following steps should be taken in response to a positive air filter sample collected at schools

