



Rapid Surveillance Testing Platform & Protocols

GHRA President – Mary P. Rhodes

September 9, 2021

RAPID SURVEILLANCE PLATFORMS

In cooperation with Guam Department of Public Health & Social Services

	MOLECULAR TEST	ANTIGEN TEST	ANTIBODY TEST
Also known as...	Diagnostic test, viral test, molecular test, nucleic acid amplification tests (NAAT), RT-PCR tests	Rapid diagnostic test*	Serological test, serology, blood test, serology test
How the sample is taken...	Nasal or throat swab (most tests) Saliva (a few tests)	Nasal or throat swab	Finger stick or blood draw
How long it takes to get results...	Same day (some locations) or up to a week	One hour or less	Same day (many locations) or 1-3 days
Is another test needed...	This test is typically highly accurate and usually does not need to be repeated.	Positive results are usually highly accurate but negative results may need to be confirmed with a molecular test.	Sometimes a second antibody test is needed for accurate results.
What it shows...	Diagnoses active coronavirus infection	Diagnoses active coronavirus infection	Shows if you've been infected by coronavirus in the past
What it can't do...	Show if you ever had COVID-19 or were infected with the coronavirus in the past	Definitively rule out active coronavirus infection. Antigen tests are more likely to miss an active coronavirus infection compared to molecular tests. Your health care provider may order a molecular test if your antigen test shows a negative result but you have symptoms of COVID-19.	Diagnose active coronavirus infection at the time of the test or show that you do not have COVID-19

RAPID SURVEILLANCE PLATFORMS

In cooperation with Guam Department of Public Health & Social Services

- DPHSS Testing
 - Abbot Binax Now
 - Real Time RT-PCR
- Employer Sites
 - Abbot BinaxNOW
- GHRA / AMC Mass Testing
 - Abbott BinaxNOW
 - Abbott BinaxNow with ID Now molecular machine



COVID-19 TESTING DRIVE-THRU CLINIC
Old Tiyan Carnival Grounds, Barrigada

September 7 – 11:
8AM - 12PM or while supplies last

- Rapid antigen test results **on site**
- molecular test will be administered to individuals:
 - » with **symptoms**
 - » who are **close contacts** to a known COVID-19 positive case
- No symptoms required to test
- Limited to four **(4) per vehicle**
- Please bring **valid photo ID**
- Testing for travel **will not** be conducted
- **Inclement weather** may affect hours of operation

Fill out a COVID-19 Testing Patient Assessment Form ahead of time, available at dphss.guam.gov/covid-19-testing. Individuals waiting for COVID-19 test results must quarantine at home until cleared by DPHSS. Test results are available via email by sending a request to: covidresults@dphss.guam.gov

Individuals whose test results are positive and who are at high risk for serious illness will be given information on COVID-19 treatment and a referral for outpatient REGEN-COV monoclonal antibody therapy.

Call 311/Option 1 or visit dphss.guam.gov for more info.



RAPID SURVEILLANCE PLATFORMS

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DPHSS Testing Sites

Tests / Results

- BinaxNOW/ 24 hrs
- RT PCR / 48 hrs

Testing Frequency

- Varies

Notification

- Digital

Cost (\$0)

Requirements

- Employee Travel Time
- First Come, First Serve



Employer Testing Sites

Tests / Results

- BinaxNOW / 15 min

Testing Frequency

- Employer's schedule

Notification

- In-person

Cost (\$0)

Requirements

- DPHSS Training
- N95 Fit Test Certification
- Inspections
- Records Management



GHRA/AMC Testing Site

Tests / Results

- BinaxNOW/ 15 min
- ID NOW / 15-30 min

Testing Frequency

- 1x – 2x / Week

Notification

- In-Person, Email, SMS
- Mobile Application

Cost (\$25)

Requirements

- Employee Travel Time
- Online Registration

RAPID SURVEILLANCE PLATFORMS – BinaxNOW

In cooperation with Guam Department of Public Health & Social Services



BinaxNOW
vs. PCR

Sensitivity

- Asymptomatic (35.8%)
- Symptomatic (64.2%)

Specificity

- Asymptomatic (78.6%)
- Symptomatic (92.6%)

Purpose

- Facilitate earlier isolation
- Surveillance Tool
- Community Testing



<https://www.cdc.gov/mmwr/volumes/70/wr/mm7003e3.htm>

BinaxNOW – video demonstration

In cooperation with Guam Department of Public Health & Social Services

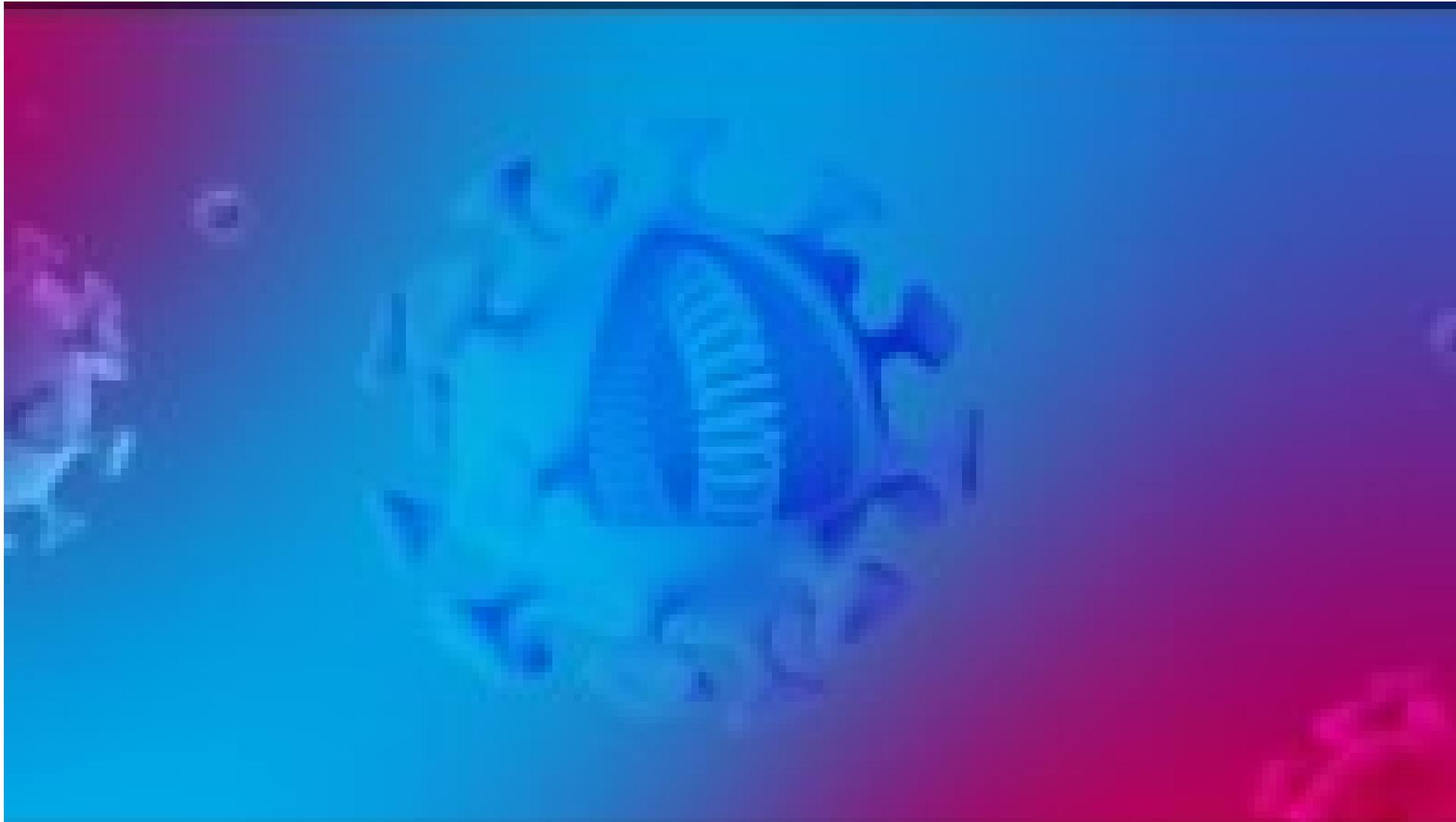


DISCLAIMER:

Home kits are not authorized for work-related surveillance testing. DPHSS will provide the test kits to GHRA & the approved list of trained employers

ID NOW machine – video demonstration

In cooperation with Guam Department of Public Health & Social Services



DISCLAIMER:

ID NOW machines are authorized and loaned from DPHSS to clinics and/or approved entities (e.g. GHRA, Government of Guam agencies)

EMPLOYER SITE - TESTING PROTOCOLS

Guam Department of Public Health & Social Services Approval Process & Training Requirements

- Letter of Intent
- CLIA Waiver from DPHSS
- Training with DPHSS Lab
 - Two (2) hours, Qualified Staff
 - N95 Fit Test Requirement
- Administration
 - Records Management
 - Inventory Management
 - Inspections

DEPARTMENT OF PUBLIC HEALTH AND SOCIAL SERVICES

LETTER OF INTEREST FOR ABBOTT BINAX NOW and ID NOW

Provider Name _____ Date _____

Physical Address _____

Name of Point of Contact: _____ Title _____

Email Address _____ Phone # _____

The Department of Public Health and Social Services (DPHSS) received a supply of BINAX NOW and ID NOW rapid tests. The tests are designed for Point-of-Care use on individuals and can detect active infections of COVID-19 in 15-30 minutes. The DPHSS would like to distribute the tests to all primary care providers on the island so that residents can be tested and identified immediately. If you are interested in getting the BINAX NOW and ID NOW tests, please complete the form and email it to annemarie.santos@dphss.guam.gov. The Guam Public Health Laboratory can conduct confirmatory PCR testing of results, as needed.

QUESTIONS	YES	NO
1. Does your medical facility want Binax NOW and ID NOW rapid tests?		
2. If you do get the Binax NOW and ID NOW rapid tests, you agree to do the following:		
a. To notify patients with positive results within one hour of getting the test results and within 24 hours for negative results.		
b. To notify the DPHSS of all test results (positive and negative results) within 24 hours. Email the results using this link: https://ww2.idenitlect.com/sendemail?u=YXV0aDB8NWM1YTMvMGUvMjg2ZWm0NTk4MWU2Y2Y4 Note: For assistance, please email Vince Campo at DPHSS.Surveillance@dphss.guam.gov		
c. To report the results by completing the line listing provided.		
3. Minimum requirements:		
a. Room temperature up to 86°C (inside or outside)		
b. One staff to swab		
c. One staff to perform quality control and rapid testing.		
4. Do you have a CLIA waiver?		
If not, Healthcare Facilities can go to the following website to submit an application. https://www.cms.gov/Medicare/CMS-Forms/CMS-Forms/downloads/cms116.pdf For other Testing Partners Government Agencies, DPHSS GPHL can extend the CLIA Certificate of Waiver.		

Print Name/Signature _____
 Authorizing Official

Date _____

DEPARTMENT OF PUBLIC HEALTH AND SOCIAL SERVICES
GUAM PUBLIC HEALTH LABORATORY

TRAINING SCHEDULE FOR ABBOTT BINAX NOW and/or ID NOW

Training days are Wednesdays, Thursdays, and Fridays 3pm to 5pm, may be subject to change. Limited to 10 trainees per training day.

For the trainees, please:

1. Contact DPHSS GPHL POC Lab Trainer Evelyn Tomokane, MLT, at 300-9093/9082 or 480-4713 to coordinate and schedule training date.
2. Watch <https://www.youtube.com/watch?v=VIWkHb5O-DU>
3. Complete the N95 Medical Evaluation Questionnaire form.
4. Bring the N95 Medical Evaluation form, complete with your signature and signature of a Medical Provider, on the day of training. For those forms requiring Medical Provider signature, GPHL Medical Lab Director may sign.
5. Be aware that GPHL is located on the 3rd floor of RANCARE commercial building, West Wing, 761 S. Marine Corps Dr., Tamuning.
6. Be informed that:
 - Trainees will be tested with the Binax Antigen Card test prior to training.
 - Biosafety Best Practices and N95 Respiratory Fit testing is from 3pm to 4pm.
 - Binax and/or ID NOW training is from 4pm to 5pm.

Training Dates: September 20 & 21

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration (Rev10-08)		NOAA OSHA Respirator Medical Evaluation Questionnaire	
<p>Directions: OSHA requires every employee who has been selected to use any type of respirator to provide the information on pages one through three of this questionnaire. Please complete the form, sign and date it in the space provided on page three. When completing this form as part of a physical exam you should give the completed form to the medical provider performing the exam. The provider will determine if you are physically able to wear a respirator and complete page 4. If you already have a current physical exam on file, a NOAA health services officer can review that physical exam, determine if you are physically able to wear a respirator, and complete page 4. Please contact a NOAA health services officer if you have questions about this form or concerns regarding your physical ability to wear a respirator.</p>			
Section I. Employee Information:			
1. LAST NAME, FIRST NAME, MIDDLE INITIAL		2. Job Title:	
Age	Male <input type="radio"/> Female <input type="radio"/>	Height (ft) (in)	Weight (lbs)
Phone Number:	Home:	Work:	
2. Have you worn a respirator: (Select One)			Yes <input type="radio"/> NO <input type="radio"/>
Name if "yes," what type(s):			
Section II. Relevant Medical History			
1. Do you currently smoke tobacco, or have you smoked tobacco in the last month?			Yes <input type="radio"/> NO <input type="radio"/>
2. Have you ever had any of the following conditions?			
Seizures (fits)			Yes <input type="radio"/> NO <input type="radio"/>
Diabetes (sugar disease)			Yes <input type="radio"/> NO <input type="radio"/>
Allergic reactions that interfere with your breathing			Yes <input type="radio"/> NO <input type="radio"/>
Claustrophobia (fear of closed-in places)			Yes <input type="radio"/> NO <input type="radio"/>
Trouble smelling odors			Yes <input type="radio"/> NO <input type="radio"/>
3. Have you ever had any of the following pulmonary or lung problems?			
Asbestosis			Yes <input type="radio"/> NO <input type="radio"/>
Asthma			Yes <input type="radio"/> NO <input type="radio"/>
Chronic bronchitis			Yes <input type="radio"/> NO <input type="radio"/>
Emphysema			Yes <input type="radio"/> NO <input type="radio"/>
Pneumonia			Yes <input type="radio"/> NO <input type="radio"/>
Tuberculosis			Yes <input type="radio"/> NO <input type="radio"/>
Silicosis			Yes <input type="radio"/> NO <input type="radio"/>
Pneumothorax (collapsed lung)			Yes <input type="radio"/> NO <input type="radio"/>
Lung cancer			Yes <input type="radio"/> NO <input type="radio"/>
Broken ribs			Yes <input type="radio"/> NO <input type="radio"/>
Any chest injuries or surgeries			Yes <input type="radio"/> NO <input type="radio"/>
Any other lung problem that you've been told about			Yes <input type="radio"/> NO <input type="radio"/>
4. Do you currently have any of the following symptoms of pulmonary or lung illness?			
Shortness of breath			Yes <input type="radio"/> NO <input type="radio"/>
Shortness of breath when walking fast on level ground or walking up a slight hill/climb			Yes <input type="radio"/> NO <input type="radio"/>
Shortness of breath when walking with other people at an ordinary pace on level ground			Yes <input type="radio"/> NO <input type="radio"/>
Have to stop for breath when walking at your own pace on level ground			Yes <input type="radio"/> NO <input type="radio"/>
Shortness of breath when washing or dressing yourself			Yes <input type="radio"/> NO <input type="radio"/>
Shortness of breath that interferes with your job			Yes <input type="radio"/> NO <input type="radio"/>
Coughing that produces phlegm (thick sputum)			Yes <input type="radio"/> NO <input type="radio"/>
Coughing that wakes you early in the morning			Yes <input type="radio"/> NO <input type="radio"/>
Coughing that occurs mostly when you are lying down			Yes <input type="radio"/> NO <input type="radio"/>
Coughing up blood in the last month			Yes <input type="radio"/> NO <input type="radio"/>
Wheezing			Yes <input type="radio"/> NO <input type="radio"/>

GHRA / AMC – TESTING PROTOCOLS

Schedule tests and vaccination appointment online via www.guamcovid.com

- Online Registration
- Weekly Appointment Schedule
- AMC CLIA Waiver
- Process
 - Pre-Registration / Walk-In
 - Sample Collection
 - Result Determination
 - Test Result & Notification
- Test Results

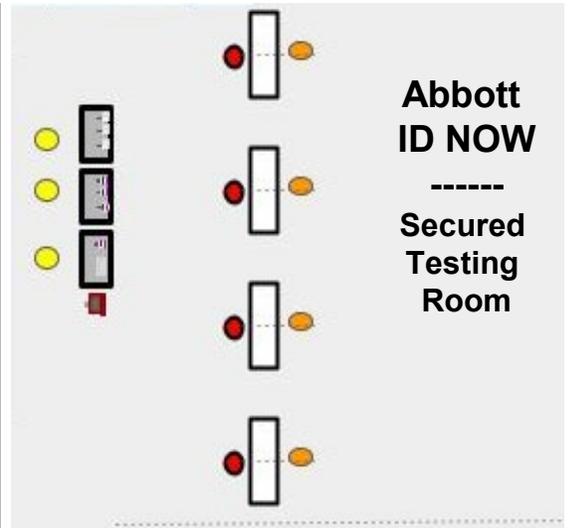
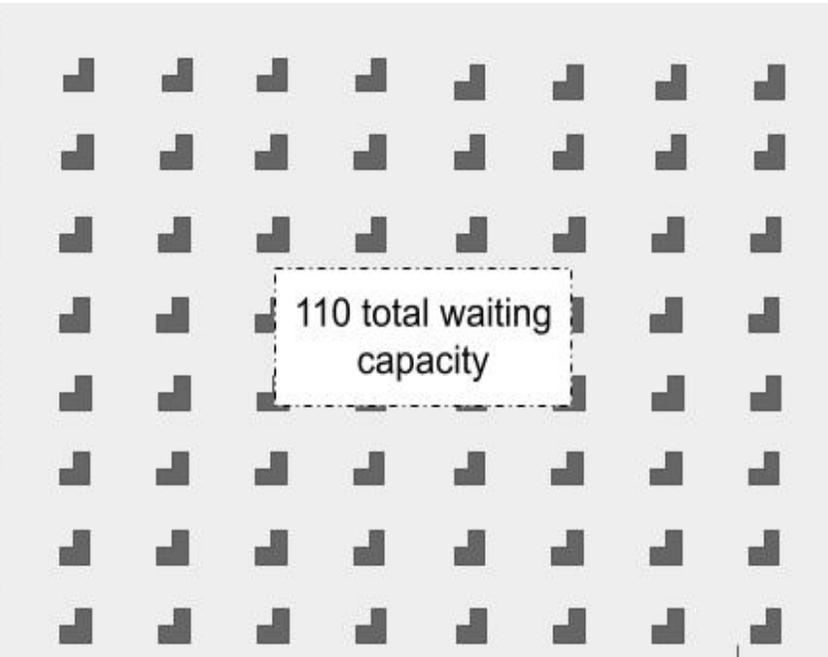
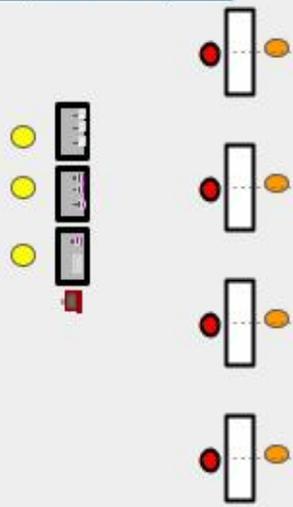
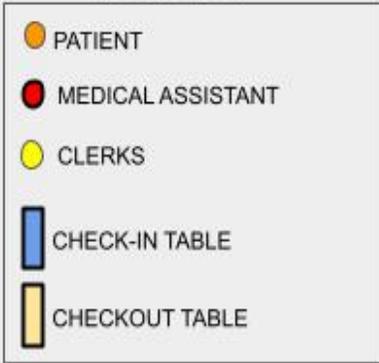


GHRA / AMC – TESTING PROTOCOLS

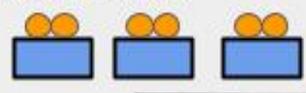
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RAPID ANTIGEN TESTING SCHEMATIC (SELF SWAB)

LEGEND



REGISTRATION



CHECK OUT



EXIT

*not to scale

PROOF OF TESTING, VACCINATIONS

Mobile Application and web-based Portal for consumers and employees



- Mobile Application (Android, iOS)
- Paperless, secured option
- Verifiable data (WebIZ)
- Sharing Options
- Notification & cancellation enabled
- Automated confirmation & reminders
 - SMS, Emails, Calls
 - Appointments
 - Booster, Renewals



BENEFITS OF QR CODE

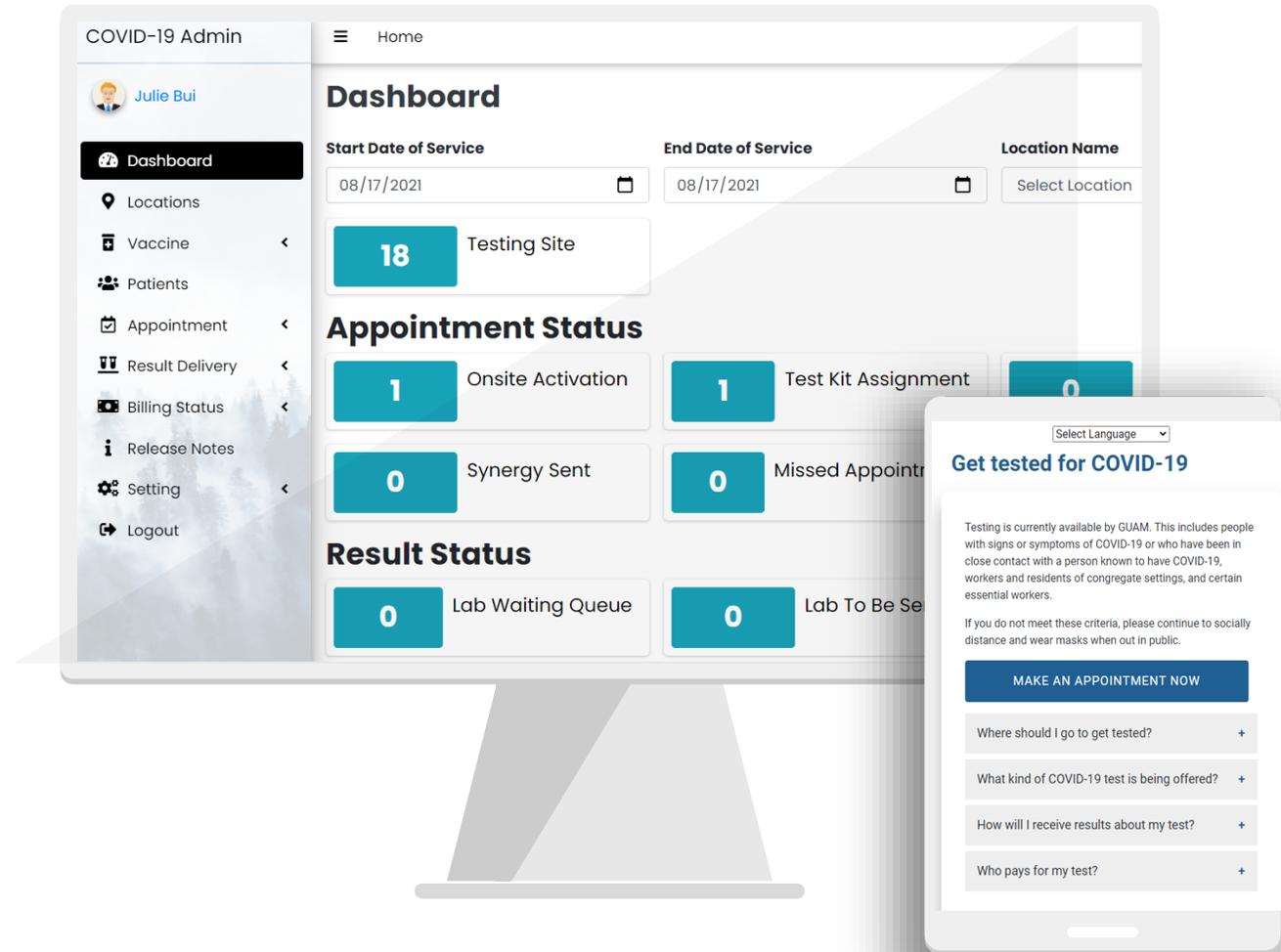
- Regulations
 - Proof of Vaccination, Tests
- Digital Record
 - Security, Privacy
 - Complements DPHSS
 - WebIZ data
 - HIPAA Compliant
- Authentication
- Standardization



DPHSS ADMIN & EMPLOYER PORTALS

Web-based Admin Portal for healthcare providers, businesses and establishments

- Site Management System
- Secured Access
- Contact Tracing Records
 - Vendor Information
 - Individual Information
- Records Management
 - Vaccinations, Tests
 - QR Code Entry
 - Reports



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Q & A



Mary P. Rhodes

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