

# Orchard Software Provides LIS Solutions for COVID-19 in a University Setting

As universities across the U.S. are ramping up services to handle COVID-19 testing for incoming students, streamlined processes, efficient workflows, and dependable connectivity are necessary to ensure that students and staff can return to campuses as safely as possible. Orchard Software's **COVID-19 University testing** software solution enables universities to automate and streamline their COVID-19 order entry, sample



collection, and sample routing processes and to identify positive patients using Orchard's powerful data analysis tools. Universities with a molecular testing laboratory can also use Orchard for COVID-19 sample intake, internal testing, and reporting. For those universities without an internal molecular testing lab, Orchard will leverage its comprehensive library of laboratory information system interfaces to quickly route COVID-19 test results back to the university.

### **Overview of Benefits for COVID-19 Testing**

#### Orchard's solutions offer a myriad of benefits:

- Promote efficient sample and supply routing to facilitate desired turnaround times
- Improve speed and accuracy of specimen and result delivery
- Enhance effective workflow and sample tracking
- Facilitate communication between laboratories and health departments
- Enhance outreach support capabilities and customer service
- Improve student, faculty, and staff safety and satisfaction
- Track supply distribution and inventory

### **Data Management Workflow**

Orchard's solutions can improve processes associated with COVID-19 testing for universities that are performing testing on-site or collecting samples to send to a reference laboratory. Orchard offers flexible solutions and options that are beneficial to any student health center that is in the process of addressing the COVID-19 crisis.

The following data management workflow provides a summary of the typical workflow for a university using our COVID-19 University Testing Software Solution.



## REPORTING

TESTING



Accessioning team receives samples, verifies demographic and order information, and racks samples for transport to testing area.

### **DATA ANALYSIS**

Laboratory results are delivered to physician and/or individual.

Aggregate results are reported to local, state, and national public health agencies.



User registers individual's demographics in EMR portal and generates test requisition



#### COURIER



Orchard's systems support COVID-19 workflow through pre-analytic, analytic, and post-analytic stages of testing.

> Individuals who test positive remain in the system for continual testing and monitoring.

### **COLLECT SAMPLE**



Requisition paperwork is collected and samples are racked and packaged for the laboratory.

To learn more about how Orchard can help your University Student Health Center stand up COVID-19 testing quickly, efficiently, and safely, contact Orchard today at (800) 856-1948 or visit us at www.orchardsoft.com.