



Medical
Education
Science and
Technology



**EDSM- STRATEGIC
COVID MITIGATION SCHOOL PARTNERSHIP | PROPOSAL**





LEADING THE FUTURE IN EDSM

Medical Education Science and Technology

EDSM is an Integrative Behavioral Science and Medical Technology company that develops various health and wellness programs, protocols, facilitates primary care and behavior health models. With the surge of COVID-19 EDSM has targeted its resources to the treatment and surveillance of infectious disease. Education System Management seeks the promise in productivity, preservation and progress of humanity through interdisciplinary science and industry innovation.

• Medical Education Science and Technology

WHOWEARE

CREATING PATHWAYS TO PURSUE THE PROMISE IN PRODUCTIVITY, PRESERVATION AND PROGRESS OF HUMANITY.



WELCOME TO EDSM.

Medical Education Science and Technology

EDSM operates through its divisions of behavioral health science, medicine, education technology, bio-tech development and social impact Investing.

EDSM's core vision is to create pathways to pursue the promise in productivity, preservation and progress of humanity.

EDSM DIVISIONS



**Behavior Health Science
and Medicine**



**Education
Technology**



Bio-Tech



Social Impact Investing

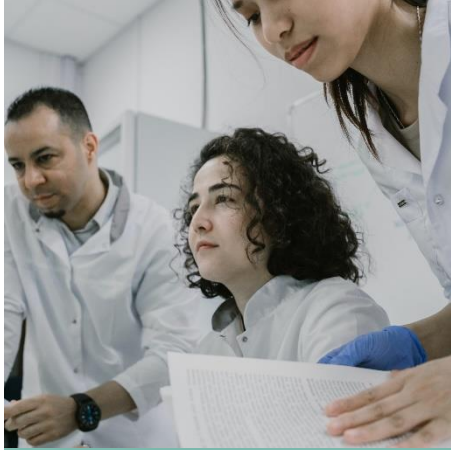
OUR MISSION

EDSM

Medical Education Science and Technology

Through interdisciplinary sciences, EDSM seeks to improve industry developments, practices, productivity and programming to impact the lives of people.





SOFTWARE | EDUCATION



HARDWARE | DESIGN



EDUCATION TECHNOLOGY

Medical Education Science and Technology

The education technology division develops software, hardware and educational training for healthcare professionals and industry innovation.



INTEGRATIVE
PRIMARY CARE



BEHAVIORAL HEALTH



INFECTIOUS DISEASE
MANAGEMENT

BEHAVIORAL HEALTH SCIENCE AND MEDICINE

Medical Education Science and Technology

The behavior health science and medicine division facilitates treatment development, school based health and wellness programs and operates primary care clinics, in-patient | residential treatment as well as out-patient treatment facilities for mental health and addiction.

The BHSM division also conducts research, treatment modalities in the field of infectious disease, toxicology and pharmacogenomics.

This EDMSM division operates in CLIA certified high complexity laboratories.



Results in the right place

The right environment is key.
We provide a serene, secure, and structured environment in which teens can start on the path to recovery, and maintain a safe environment throughout all phases of recovery and behavioral stabilization.



Evidence based Methods

We offer and focus on evidence-based methods.
We use proven modalities to explore the potential of new treatment approaches.

Customized Programs

Each program is individualized.
We provide individualized, multidisciplinary treatment designed by mental health treatment specialists, who are the best in their respective fields.



Thinking of the future

We embark on long-term results.
We are committed to the lifelong recovery process and treatment of all mental illnesses as well as all behavior health disparities. At EDSM, we work towards teen's long-term, sustainable recovery. We identify and heal the core issues that underlie self-destructive behaviors.



FACILITATING A SAFER FUTURE

COVID-19 has changed the world we live in and dramatically impacted individuals, families, and communities, while deepening divides in educational opportunity across our nation's classrooms and campuses.

We believe that COVID-19 testing surveillance is the best protocol for preventing systemic surges and outbreaks within individual schools, various district school cluster as well as system wide.

To combat an infectious surge resulting in School closings; schools districts will benefit from EDSM's industry leading best practice infectious disease protocols.

EDSM is continuing its effort to keep everyone in schools and buildings safe by making COVID-19 Surveillance Testing available to all students and staff through partnership with various school districts.





MEETING THE NEED THROUGH PARTNERSHIP

Keeping Schools Safe Through Collaboration

EDSM is committed to the development of long-term health solutions through education, proven science and technology. EDSM proposes to establish a partnership with Private, Charter and Public School Districts to provide **free** COVID-19 testing and surveillance programming.

EDSM will facilitate and administer Surveillance Testing, which is a non-diagnostic test that detects for the presence of COVID-19 in an individual.

The benefits of surveillance testing include:

- Allows districts to test, receive test results (within 24 hours) and notify individuals of a clinically significant readings before coming to school. This benefit would allow us to keep asymptomatic COVID-19 carriers who may pass a daily self-certification out of our school buildings, risking the spread of the virus within our buildings.
- Allows districts to monitor their own, localized data. This allows districts that have low levels of positivity or case activity **to continue the in-person learning experience, even if community data rises or surges.**



EDSM- STRATEGIC COVID MITIGATION SCHOOL PARTNERSHIP



SERVICES ARE AVAILABLE TO THE DISTRICT AND ITS PARTICIPANTS.

- Weekly testing for all district staff
- Students with symptoms identified through the health screening protocols
- Students who have had contact with someone with COVID-19 in the school or workplace
- Students with possible exposure in the context of outbreak settings
- **PLUS** surveillance testing for individuals who are asymptomatic which includes student testing twice per week.

What type of testing does EDSM perform?

EDSM performs molecular-based RT-PCR (polymerase chain reaction) testing on nasopharyngeal samples as well as Rapid Antigen Testing. A small swab will be inserted into the back of your nose for a few seconds to obtain an appropriate sample. For confirmatory testing EDSM chose to use RT-PCR because it carries the highest sensitivity for detection of COVID19. Our tests are approved for the detection of SARS-CoV-2 (COVID19) under an Emergency Use Authorization from the FDA.

What is the difference between rapid testing and PCR?

There are many different testing platforms available for detection of COVID19. "Rapid tests" typically test for the proteins on the surface of the virus. This test does not carry the same high-level of sensitivity as the RT-PCR, however, its efficiency carries approximately 96 to 98% accuracy. It is VERY important that your test detect virus if present, as false negatives can result in you inadvertently exposing your friends and loved ones to COVID19.



A group of diverse students and a teacher wearing face masks in a classroom setting. The image is overlaid with a semi-transparent teal rectangle containing text.

+ INVESTING IN SAFER SCHOOLS

Under this protocol, EDSM mitigates with a prevention method via antigen testing of all students and staff once a week. When there is a positive identified EDSM conducts PCR testing in clusters where that specific student and or staff surrounding peers.

EXPECTATION: CHATHAM COUNTY SCHOOL DISTRICT promotes opting into its COVID FREE SCHOOL PROGRAM.

Provides power to EDSM QUIK LAB for each school site or ONE ROOM FOR EDSM supplies and testing collections.

CHATHAM COUNTY SCHOOL DISTRICT will receive a weekly data analysis from EDSM as well as any needed consultation from EDSM CLINICAL STAFF.

OUR COMMITMENT TO CARE

How much will it cost?

All of our services have NO out-of-pocket cost to you. We will bill your insurance for the cost of the test. We do not "balance bill" patients, nor do we collect co-pays, deductibles, or co-insurance. Your insurance should not be charging you any out-of-pocket expense for this service, per federal law.

What if I am uninsured?

We welcome ALL patients, who believe they may have COVID19, to come and get tested. We do not charge uninsured patients for the cost of evaluation or testing. You will be asked to certify that you are uninsured at the time of evaluation.

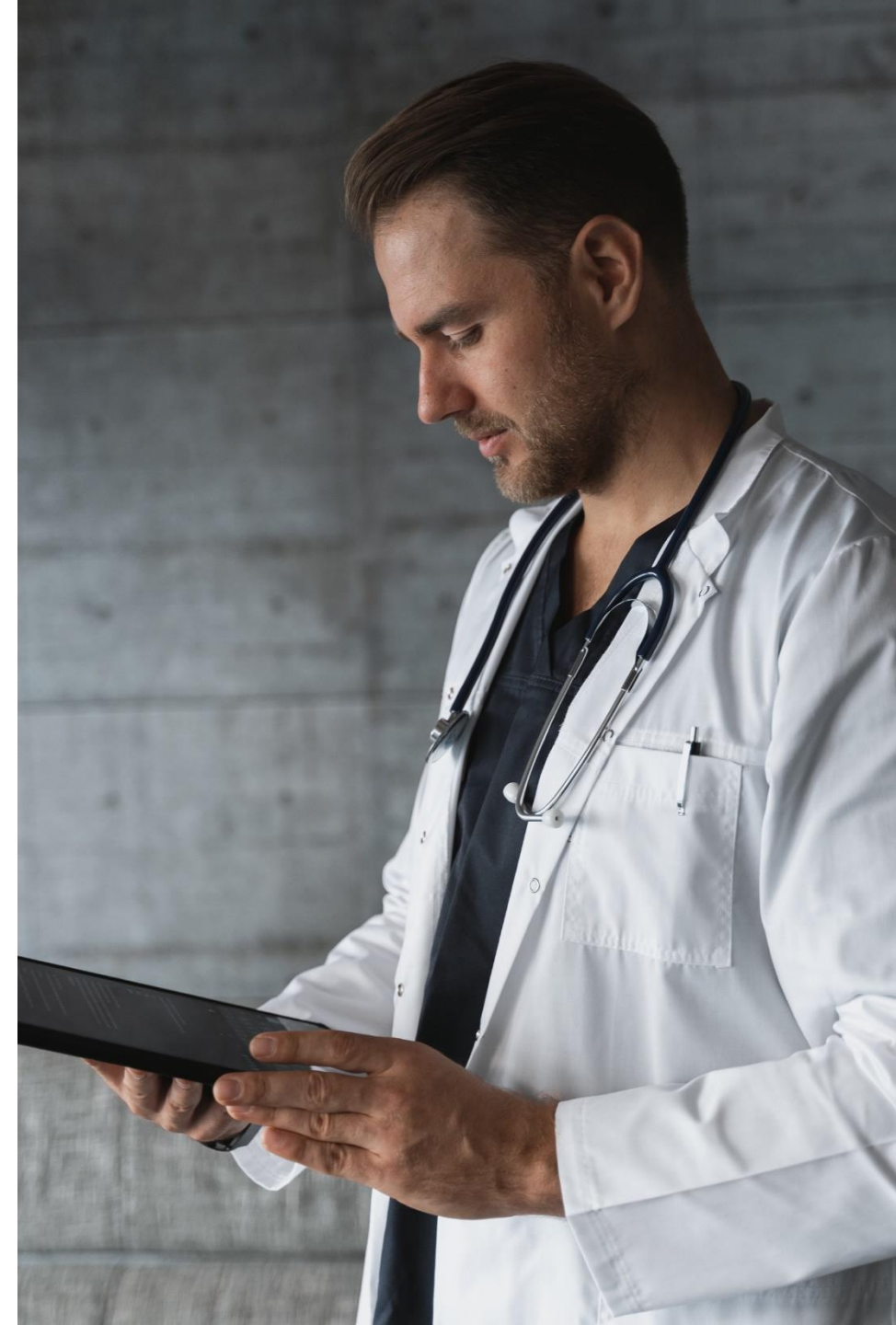
What do I do if my insurance company denies payment for care I received at EDSM?

Will I be billed for this?

No, you will not be directly billed. We stand by our policy of no out-of-pocket cost for our patients. COVID19 diagnostics (the "lab fee") and associated Professional Service Fees (Provider evaluation, determination of medical necessity, and test ordering) were addressed by the Federal government with the insurance reforms enacted in the CARES Act and associated HHS regulations.

These reforms specifically state that there will be no patient cost-sharing (copays, deductibles, co-insurance, balance billing, etc) for COVID19 Diagnostics.

If your insurance denies payment, we will work directly with your insurer to inform and educate them on the fact that your service is covered within the confines of the law and current regulations.



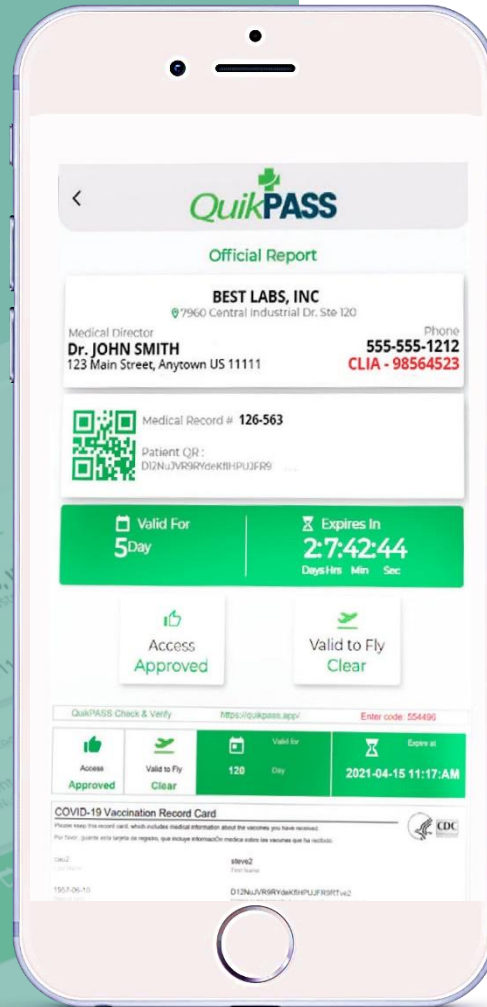
**+ SECURED MONITORING
MADE EASY**



✓ REPORT ✓ CHECK ✓ VERIFY

Education System Management's QuikLAB is CLIA Certified and meets all HIPAA Requirements for security.

With EDSM QuikLAB, students and district employees can get test results within minutes and results will be sent securely to their mobile device.



PCR TESTING

- Same Day Turnaround



RAPID TESTING

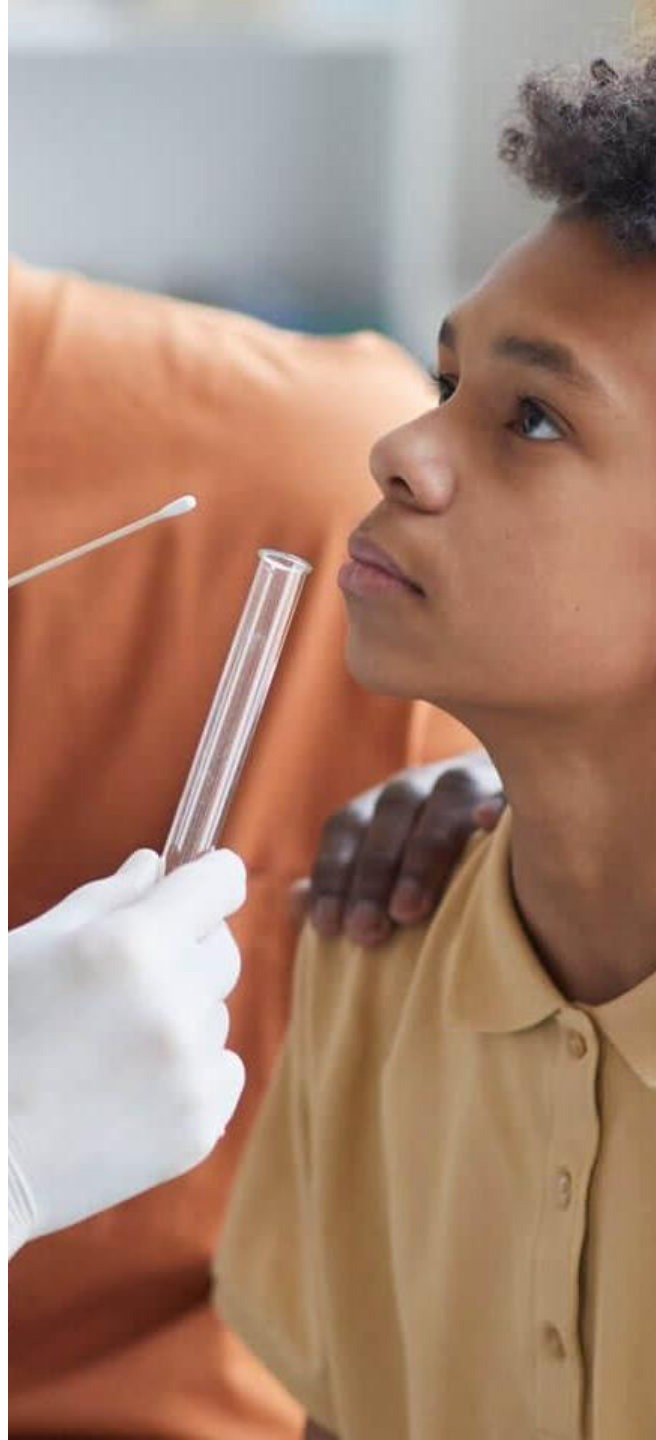
- Results in 15 minutes



TEST RESULTS NOTIFICATION

Why EDSM?

EDSM has one of the fastest turnaround times relative to results, as it is vital that you have your answer as soon as possible. Your test results will flow directly into your patient portal, where you can view and print (if needed) within 15 minutes for antigen testing and less than 24 hours for PCR testing. (Typically, Same Day)



How are results delivered?

On designated sample collection days, the Vendor will deliver the samples to the lab. We anticipate results within 24 hours and likely sooner depending on the volume of samples dropped off. The lab informs school health personnel of any bar codes that produce a presumptive positive, and those health personnel then will look up the bar codes, inform those families/staff, and advise them to quarantine and seek a PCR test from their doctor or a state testing center.

Who tests the samples?

EDSM CLIA CERTIFIED LABORATORY

How will the privacy of participants be maintained?

Samples are provided with a bar code label that does not include a name. If there is a presumptive positive result, the lab will inform our school health personnel, who will look up the bar code and contact the family or staff member. The lab is not provided with any names of students or staff. Any nurse documentation related to testing will be maintained within our District with the same level of security and confidentiality as with all student/staff medical information.

What happens if I receive a test result of significant clinical finding (presumed positive case)?

Anyone with a test result of significant clinical finding is presumed positive and will be advised to quarantine and immediately contact their doctor or a state testing center to schedule a PCR test to confirm the results. Students/staff will be excluded from coming to school during the quarantine period unless the PCR test provides a negative result. It is extremely important for our screening participants to know that receiving a presumed positive result is not cause for panic. Please consult with your primary physician/pediatrician and they can best instruct you on the next steps.

LET'S GET STARTED

WHERE: We will test students and staff at their school and building sites.

WHEN: We hope to make surveillance testing available as soon as the week of October 2021.

WHY: Surveillance testing for COVID-19 will allow us to quickly identify asymptomatic students and staff and begin the isolation process for these individuals. It will also allow students and staff within close contact to immediately return home, as they will be subject to quarantine by the local health department.



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