



Your On Demand Medical Exam

CASE STUDY:

The Center for Rural Health Innovation

THE SCHOOL-BASED TELEHEALTH REVOLUTION:
How Tyto Care is Transforming Remote Care in Rural Schools



Executive Summary

The Center for Rural Health Innovation (CRHI) is a non-profit based in North Carolina with a mission to apply innovative technologies to improve access to healthcare in rural communities. CRHI's Health-e-Schools program is designed to improve access to healthcare for students through telemedicine. The program relies on grant funding and in the past has utilized standard telehealth examination tools that proved difficult to scale. By implementing Tyto Care's portable, reliable, and cost-effective remote examination platform, the program was able to address the limitations of their existing tools and offer telehealth to more schools at a lower cost.

"I am so excited to see what this technology can do to help our community. There are so many children with limited access in need of healthcare. Reaching people in my own community in a way we have not been able to do before is a game changer and will have significant value for our children. We plan to roll out Tyto Care to our other counties as well to extend the reach of telehealth to the communities we serve."

– Allison Bell, Health-e-Schools Program Director



Challenge

The Health-e-Schools program relies on grant money to fund their telehealth programs. The program's goal is to provide telehealth services to all 26 schools across Burke County with a budget of \$25K. Previously, Burke County Schools was only able to provide coverage to 6 of the 26 schools with a budget of \$25K.

Solution

Burke County received a grant in funding to purchase a TytoPro telemedicine solution to replace their existing system. Tyto Care is a complete all-in-one telehealth platform for scheduling visits, sharing exam data and conducting real-time video exams. Patients received on-demand medical exams with a healthcare provider from the comfort of their own home or at school.

26

Schools

12,584

Students

100%

Funded by Grant

\$25,000

Budget

Implementation

1



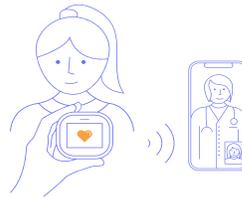
Nurses are given a TytoClinic™

2



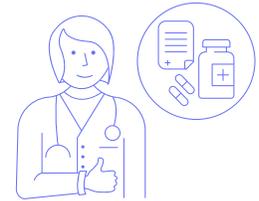
Nurse calls clinician at the hub facility

3



Nurse initiates virtual exam with the clinician

4



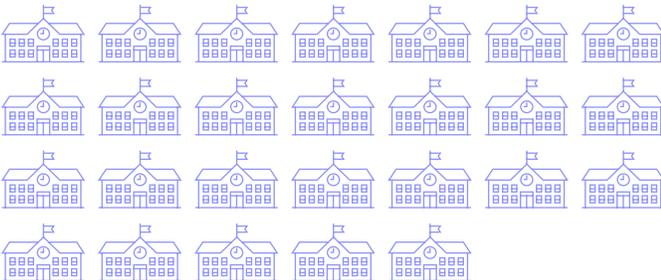
Clinician can diagnose from the hub

Key Findings

During the pilot program, the previous telemed provider was capable of providing service for 6 schools within a \$25K budget whereas Health-e-schools are able to cover all 26 schools within the district with the same budget.



6 schools covered by previous telehealth provider



26 schools covered by Tyto Care



89%

Of students were able to return to class



98%

Of telehealth visits were successful



Tyto Care vs. Traditional Telemedicine Tools

Ease of Use:

Hands-on implementation was easier and took less time with Tyto Care than with the traditional telemedicine tools. CRHI staff also found it easier to train nurses, health professionals, and personnel to use Tyto than previous solutions. Tyto Care's modular design makes it easy to switch from one exam to the next.

Portability:

Tyto Care is easy to transport between schools, thereby extending the reach of nurses and reducing associated costs of hiring additional staff.

Price:

The \$999 price point of TytoPro™, plus platform fees (\$2,499 for the complete TytoClinic™ with built-in Pad, additional exam peripherals, and Wi-Fi connection) enables vastly more schools to enjoy the benefits of telehealth.

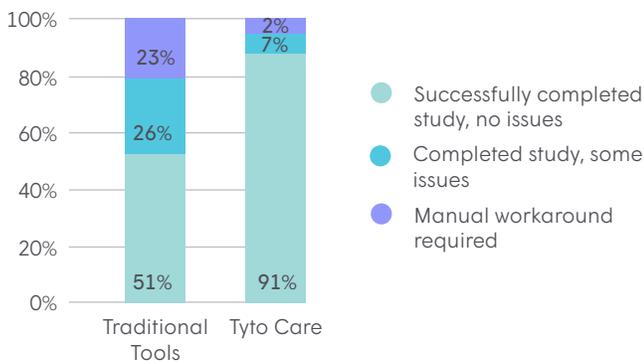
Improved Access and Coverage:

Using Tyto Care enabled more sites to have telehealth coverage versus traditional tools. With this expanded coverage, nurses are able to examine common complaints, including strep throat, ear, sinus and respiratory infections, chronic conditions, and flu.

Reliability:

Since Tyto Care was implemented in 2017, 91% of all telehealth exams were performed successfully without issues, whereas only 51% of the exams conducted using telemedicine tools were successfully completed without issues.

Traditional Tools vs. TytoCare: Visit Analysis



"Our student population does not have the easiest access to healthcare, and due to a shortage of resources, our rural school nurses often travel to two or more schools daily. TytoCare's ability to make our nurses more mobile has helped to solve both of these issues. The all-in-one portability of TytoCare has enabled the nurses to take their telehealth clinic from school to school, greatly increasing student access to care and helping to keep them healthy and in class.."

– Dr. Tonya Hensley, DNP, FNP, Health-e-Schools Lead Nurse Practitioner

For more information about Tyto Care Professional programs for Health Systems, please visit [tytocare.com](https://www.tytocare.com)

Contact us at **866-971-8986**, or sales@tytocare.com

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