Vidyo/TytoCare Integration

The most advanced remote examination available.

Vidyo®

tytocare™

Use Cases

- **Remote diagnostics**
  Accurately collect clinical observations and vital signs virtually from remote locations such as schools, nursing facilities, and employee work sites

- **Virtual rounding**
  Engage with more patients and their families with virtual visits at the bedside

- **Inpatient and ED consults**
  Bring in specialty providers as needed with multi-party collaboration

- **Post-operative follow-ups**
  Ensure compliance and care coordination for patients discharged to a step-down facility,

Benefits

- Reduce length of stay and readmissions by improving the value and quality of remote consults

- Assess patient acuity and expedite triage quickly and accurately

- Curtail preventable readmissions and promote postoperative care continuity by improving the value and quality of remote consultations and diagnostics

- Optimize resources and improve patient satisfaction by increasing the frequency and thoroughness of remote consultations while containing costs, regardless of acuity level

Healthcare Challenge

As the US healthcare industry has moved towards value-based contracting and the ability to deliver care more efficiently, health systems increasingly turn to telehealth to provide more efficient pathways to delivering care and optimizing physician resources.

The good news is that many health systems across the country have deployed telehealth solutions to reduce unnecessary urgent and emergent encounters, to better manage chronic conditions, and to increase access to specialists. Telehealth enables impactful care determination and guidance across a range of conditions at the point-of-care.

However, as the scope of telehealth use cases has expanded, so has the need for enhancing the capabilities of a video visit. Vidyo's multi-participant video features make it easy to provide telehealth services. Its enterprise-grade video quality, HIPAA-compliant capabilities, and patented routing technology can power telehealth in virtually any care setting. The integration with TytoCare embodies the evolution of remote diagnostics capabilities.

Vidyo/TytoCare Integration

To address this growing need for enhanced capabilities at the point of care, Vidyo has integrated its VidyoConnect™ telehealth video conferencing solution with the TytoPro™ examination device. The integration offers health systems who need to scale real-time remote examinations in a clinical setting between health practitioners for specialist consults or second opinions. In addition, the integration provides a simple, easy to deploy solution that enables providers to give the most advanced level of video based examination available.

The TytoCare integration is a cloud-based telehealth solution that simulates a comprehensive physical examination using portable connected diagnostic devices. This integration brings together two best-in-class solutions that extend the remote clinicians' diagnostic capabilities by allowing them to see and speak with patients and consulting providers using Vidyo's proven telehealth platform and examine patients using TytoPro's all-in-one stethoscope, otoscope, tongue depressor, exam camera and thermometer to perform physical exams remotely.
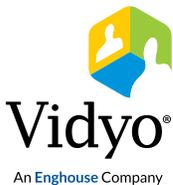
Anticipated Results

By increasing the value, quality, and frequency of remote examinations, health systems will have the opportunity to achieve their goals of improving outcomes, clinical efficiencies, and satisfaction, all while containing costs. Here are some of the results you can expect by expanding your remote examination capabilities through the Vidyo/TytoCare integration:

- Improved patient outcomes by improving the value and quality of the visit through enhanced diagnostic capabilities.

- Optimized clinical efficiency by improving the frequency and thoroughness of remote consultations, regardless of acuity level.

- Enhanced patient satisfaction by allowing patients to stay in their community and still receive the care they require.

Solution Details

Feature	Benefit	Vidyo Connect™	TytoPro™ Capability
Multi-party collaboration	Engage the care team, including remote specialists, using VidyoConnect's multi-participant capabilities	X	
Plug-and-Play accessories	Snap on-snap off peripherals with no calibration necessary. Peripherals include stethoscope, otoscope, thermometer, and tongue depressor		X
Third-Party integrations	Pairing the TytoPro™ device with VidyoConnect™ in mobile and cart-based applications is a simple, one-time event.	X	X
Full suite of physical exams	Remotely examine the heart, lungs, abdomen, ears, throat, skin and temperature		X
Click-to-connect	The integrated experience provides seamless workflows within Vidyo calls	X	
Error resilience	Unmatched quality over mobile and wireless technologies ensures optimal video quality, even for low-bandwidth rural patient locations	X	
Video Quality	Receive up to 4K resolution and send up to 1080p30, enhancing the virtual experience	X	
App Support	TytoCare integration is now supported by the VidyoConnect mobile app for iOS as well as the VidyoConnect mobile app for Android. Both registered and guest VidyoConnect™ users at the point of care have the ability to pair their android and iOS devices with TytoPro™	X	X

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