

Vidyo/Thinklabs One Integration

Best-in-Class Auscultation
for Professional
Telemedicine Visits



Use Cases

- Provide specialist consults to share heart and lung sounds so all physicians can listen
- Obtain expert decision support in determining whether or not to transfer patients to the hospital
- Connect in real time with practitioners while they are with patients via remote diagnostics
- Enable physicians to work remotely doing remote auscultation of hospital patients or those visiting their office.

Benefits

- **Optimized Resource Utilization:** Augment care, extend support and collaborate with specialists in geographically remote clinics and hospitals, reducing patient transfers.
- **Patient Satisfaction:** Exceptional audio quality makes the telemedicine visit as clinically useful and personal as an in-person exam.
- **Improved Outcomes:** Reduce time to diagnosis and treatment for better patient outcomes.
- **Reduce Preventable and Costly Readmissions:** Make the right decisions about hospital transfers in real-time by having the highest quality diagnostic information on hand.

Healthcare Challenge

As the use of telemedicine continues to proliferate, one significant challenge remains: how to replicate the close connection of the physical exam remotely. If telemedicine is to become the standard of care, it must derive the same level of clinical information as from an in-person physical exam.

Auscultation, or the action of listening to the heart and lungs with a stethoscope, is key to overcoming this challenge. Telehealth technologies, such as real-time video and audio communication, enable comprehensive care to be delivered regardless of the physical location of the patient or provider.

Vidyo partnered with Thinklabs to develop a real-time solution that works directly within a Vidyo conference - no other apps, software or subscription required. Clinicians and patients interact directly within Vidyo, with the physician having direct one-click control of the Thinklabs One stethoscope.

Vidyo/Thinklabs One Integration

Vidyo and Thinklabs, unrivaled leaders in telemedicine, have been working together for more than five years to create the best-in-class integrated video and audio experience.

By simply clicking the stethoscope icon in the VidyoConnect app, the provider can listen to the stethoscope on their patient in a remote location. While listening, the provider can instruct the patient and remote nurse. Then simply click again to return to regular videoconference audio. The simple and easy interface inside VidyoConnect means there's no interruption to the regular workflow of the physical exam.

Vidyo and Thinklabs provide this integrated approach for health systems looking to improve clinical efficiencies and increase access to care through telehealth. With VidyoConnect and Thinklabs audio, the highest quality realtime video and highest fidelity stethoscope audio are easily integrated into almost any clinical workflow. Multiple clinicians can collaborate on cases and simultaneously listen to patients in real time.

Anticipated Results

Maintaining the connection between physician and patient is critical to success in telemedicine. This connection can be achieved during the virtual visit with VidyoConnect and Thinklabs audio. Patients will feel that care was taken. Physicians have the confidence to make real-time decisions remotely. Because they can share sounds with other providers in consultation, they can access the entire care team and make decisions about even the most complex care, regardless of the location of patients or providers.

With the VidyoConnect and Thinklabs audio solution, clinicians have the video and auscultation tools they need to strengthen engagement and improve patient satisfaction with the physical exam.

The integration provides extensive features for your health system including but not limited to:



High-Fidelity Auscultation

The Thinklabs One stethoscope provides superior sound and VidyoConnect provides an immersive patient experience.



Multi-Party Collaboration

Engage the entire care team, including remote specialists, using VidyoConnect's multiparty capabilities.



Simultaneous listening

On-site and remote providers may listen at the same time as sounds are live-streamed, ensuring a clean and clear audio signal is transmitted.



Error Resilience

Unmatched quality over mobile and wireless technologies ensure optimal video quality, even for low-bandwidth, rural patient locations.



Single-Click Auscultation

Thinklabs One and VidyoConnect provide seamless integration. The provider simply clicks a stethoscope icon to listen to the stethoscope at the patient end, providing a coherent and harmonious workflow.



Immersive Video Quality

Receive up to 4K resolution and send up to 1080p30, enhancing the virtual experience.



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