The Future Of Telehealth
Fulfilling the Promise of Telehealth

As healthcare providers have begun to explore ways to incorporate telehealth as a next-generation, efficiency-driving strategy, they discover that purely audio-visual, "hands-off" exams solve only part of their challenge. There remain many patients and modalities where clinicians would prefer to have exam data for to support a diagnosis.

During the exam:
- Clinician is limited to the very few external indications he can see on the screen or hear through a phone's microphone
- Close-up imagery of the ear canal or throat, or lung/heart sounds are impossible to attain
- Diagnosis relies on patient's subjective, non-empirical description of symptoms

The Result:
- Often, after a patient's long wait for a virtual visit, the clinician still requires an in-person visit to obtain real exam data. Both parties have now wasted two time slots and delayed treatment
- Healthcare providers discover they have increased costs, not trimmed them, with no improved patient experience

Without a way to collect data, telehealth can be step a backward.

Key Obstacles

No exam data
Today’s phone or video chats can not replace a real doctor visit without real, reliable data to review for a diagnosis and health plan.

Lack of Trust
Many services connect patients to unknown doctors with no patient history, leading to limited continuity of care
Five Steps for digitizing the entire continuum of care

Step 1: Standard Telehealth
Online video and phone visits

Step 2: Improved Diagnoses & Workflow
Remote online and asynchronous medical exams

Step 3: Better Service
Asynchronous triage service + decision support

Step 4: AI-Driven Self-diagnosis
Auto-detect symptoms, diagnosis within minutes

Step 5: Complete Digital Primary Care
Clinic-level results from the comfort of home
With Tyto’s expansive, modular design, any consumer can independently perform exams using AI-driven, patented navigation and guidance technology. A powerful, secure, cloud-based platform provides for enhanced remote visits and diagnoses.

A Full-Stack Telehealth Platform

Tyto’s platform includes the TytoApp, running on a mobile device like a phone or tablet, and a Clinician Dashboard for conducting live video telehealth exams, reviewing exams, and communicating with patients. All data can be instantly integrated into a health organization’s existing electronic health record system.
Response to True Telehealth
Patients welcome solutions that collect exam data

Adoption Metrics
A primary care group deploying Tyto in large volumes offered a survey for new users to fill in after their first experience – the following numbers are based on the analysis of the initial 1000 responses.

non-empirical description of symptoms

Patient Opt-in Rates

<table>
<thead>
<tr>
<th>Type</th>
<th>Opt-in Rate</th>
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<tbody>
<tr>
<td>Audio-visual</td>
<td>10%</td>
</tr>
<tr>
<td>Tyto with exam data</td>
<td>70%</td>
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95% completed their full medical consultation without the need for an additional in-clinic visit

92% of the patients would recommend TytoCare to family and friends
Anytime, Anywhere...
Programs for a wide variety of patients and providers

**Home Care**

**Direct-to-Consumer Urgent Care**
empowers patients to manage their family health

**Concierge Programs**
offer 24/7 exam sharing

**Employee Health Service**
to increase access and decrease health costs

**Post-Discharge**
monitoring to reduce readmission rates

**Chronic Care / Monitoring**
for improved outcomes

**Home Dialysis / Oncology / CMC**
to improve health outcomes and reduce travel time

**Point of Care**

**School-Based Virtual Care**
enables nurses to improve student health with remote exams

**Visiting Nurses / Home Care**
increase access to care and enable clinician consults at hub locations

**Employer On-Site**
to expand telehealth wellness services

**Remote Clinics / Urgent Care**
centers to increase clinician efficiency and reduce wait times

**Specialty Consults**
enable immediate access to specialists for instant support