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Heart disease: #1 killer

1/5 deaths attributed to heart disease
 1 cardiologist per ~15k cardiology patients

→ Delayed diagnoses for time-sensitive treatments
 → Exacerbated preventable complications

Underlying issue:
 cardiologist too far from patients

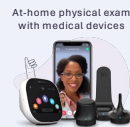
Partial solution:
 telemedicine video call with cardiologist

Why isn't telemedicine working?



Goal: **integrate medical device data** (objective phys. measurements) to **enable diagnosis** in virtual consult

State of the art: Tytocare



Limitation: patient doesn't know how to do physical exam maneuvers

How we innovate: have medically-trained med tech do the exam
 → Minimizes errors in physical exam data acquisition

Solving patient overload

2023 data:
 • 15,470 PAs
 • 355,000 NPs
 • 16,870 cardiologists

★ **TRAINING & GUIDANCE:**
 Absent in Epic

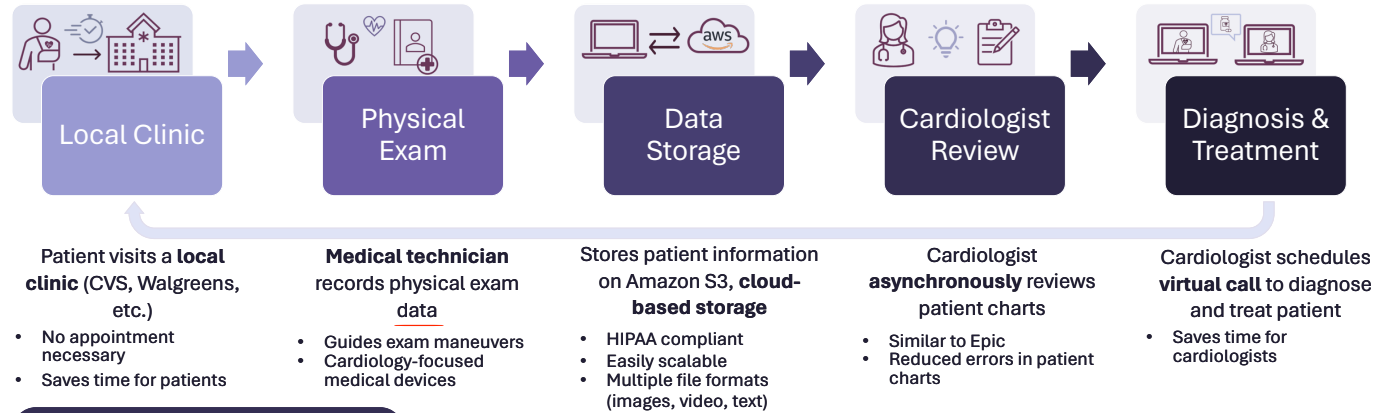
- Assess cardiovascular health through physical exams
- Maintain detailed notes of visits
- Prescribe tests, medications, treatments, surgeries, etc.
- Consult with patients

↓ Patient: Cardiologist

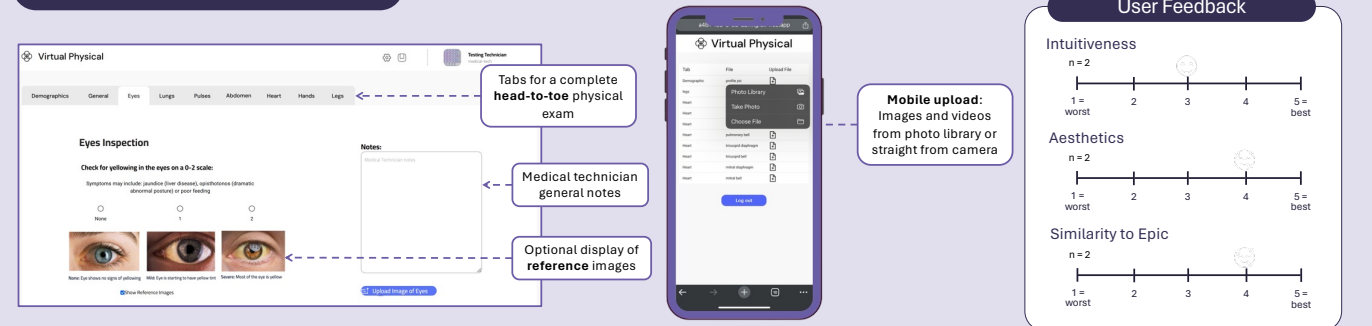
User needs

The primary users of our web-based platform are **medical technicians** and **cardiologists**. The web-based platform must also comply with regulations such as **HIPAA** (security updates, backup, & disaster recovery)

Virtual Physical in Action: Convenient for Patients, Intuitive for Medical Techs, Informative for Cardiologists



Medical Tech User Interface



Cardiologist User Interface

