



Ambient Intelligence *for* Home Health

Kristen Martino, MSHM, BSN
Product Manager

MEDITECH
EXPANSE

Session Overview

- The Current Environment
- What is ambient intelligence
- Benefits of Ambient Intelligence
- Ambient in Home Health
- The Future Vision



HOME HEALTH

Current Environment



Regulatory

Extensive **regulatory** requirements



Clinicians

Excessive documentation requiring more detail resulting in **administrative burden**

OASIS-E contains **~100 core assessment items** requiring **150+ questions** to be documented at SOC



Financial

Inaccurate documentation leading to **Revenue Risk**

Having to **deny referrals** due to staffing constraints

WHAT IS

Ambient Intelligence



Natural Language Processing (NLP) is used to differentiate speakers, understand medical terminology, and extract **clinically relevant** information



Automatically & accurately capture the details of a care encounter in **real-time**

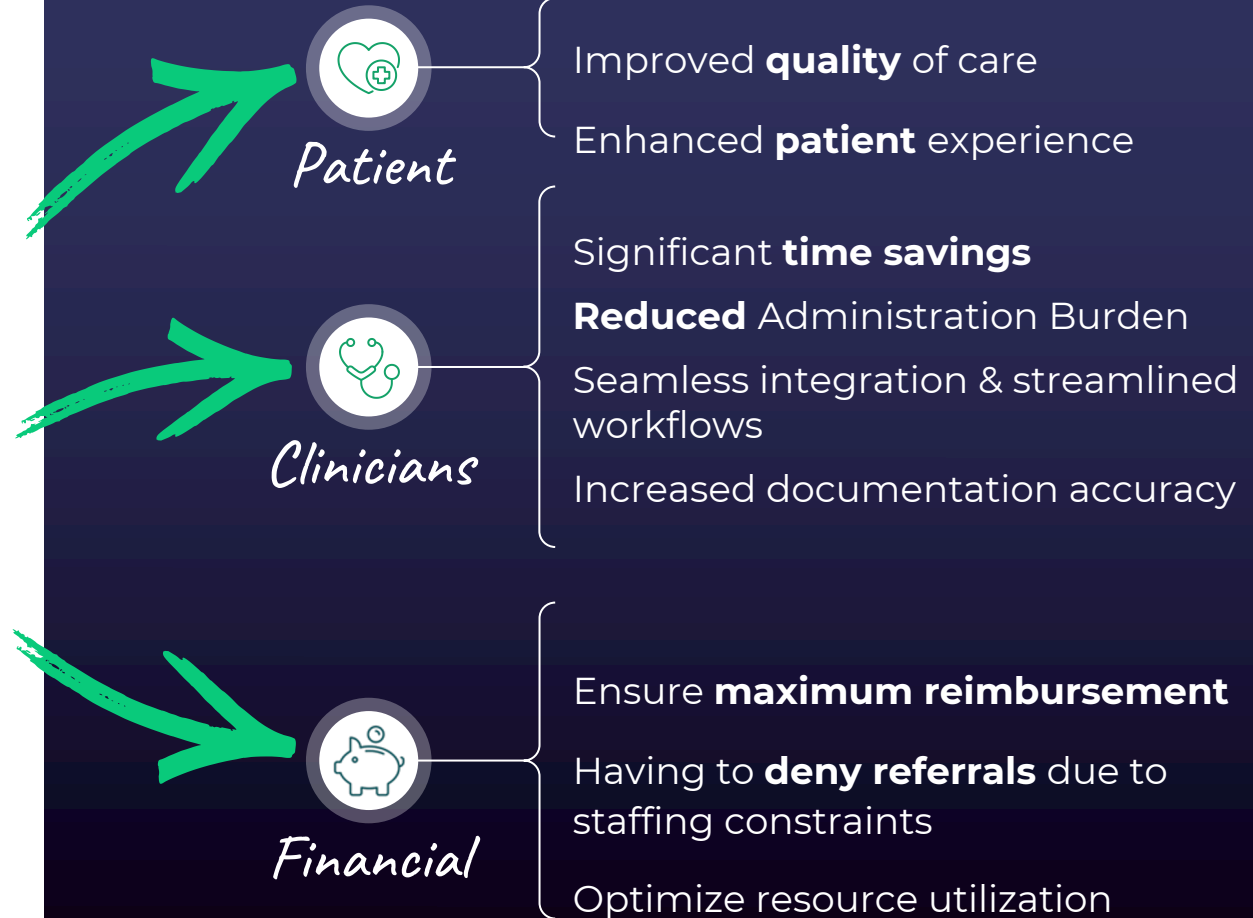
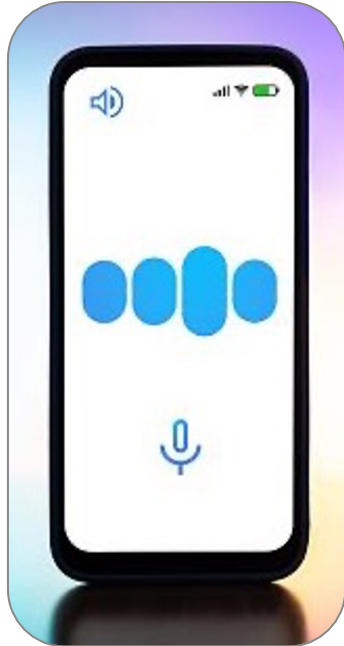
Converts the conversation and data captured into a **structured** draft document



Smart, hands-free data capture environment

BENEFITS of

Ambient Intelligence



How The *EHR* Can Help Home Care Nurses



Current Industry State

- Documentation is a known burden across all care settings
- AI & Voice capabilities are proven successful in reducing that burden
- Expanding competitive landscape

Opportunity

- Expand the technology footprint
- Proactive market leadership
- Exceed customer expectations

Strategic Vision

- Support ideal workflow(s) for various markets
- Deliver innovative capabilities
- Elevate experience & combat burnout

Methodology to *Ambient Intelligence*



Ambient Vendors

Select a few key vendors to understand **content**, **workflows**, and **integrations** and act as research partners



Work With Pilots

Identify forward thinking organizations to **pilot** workflows with 5-10 **select clinicians** before opening it up to larger adoption



Gather Data

Through a series of **Software Usability Surveys**, **Time Savings Reviews**, and **Usability Studies** to understand satisfaction

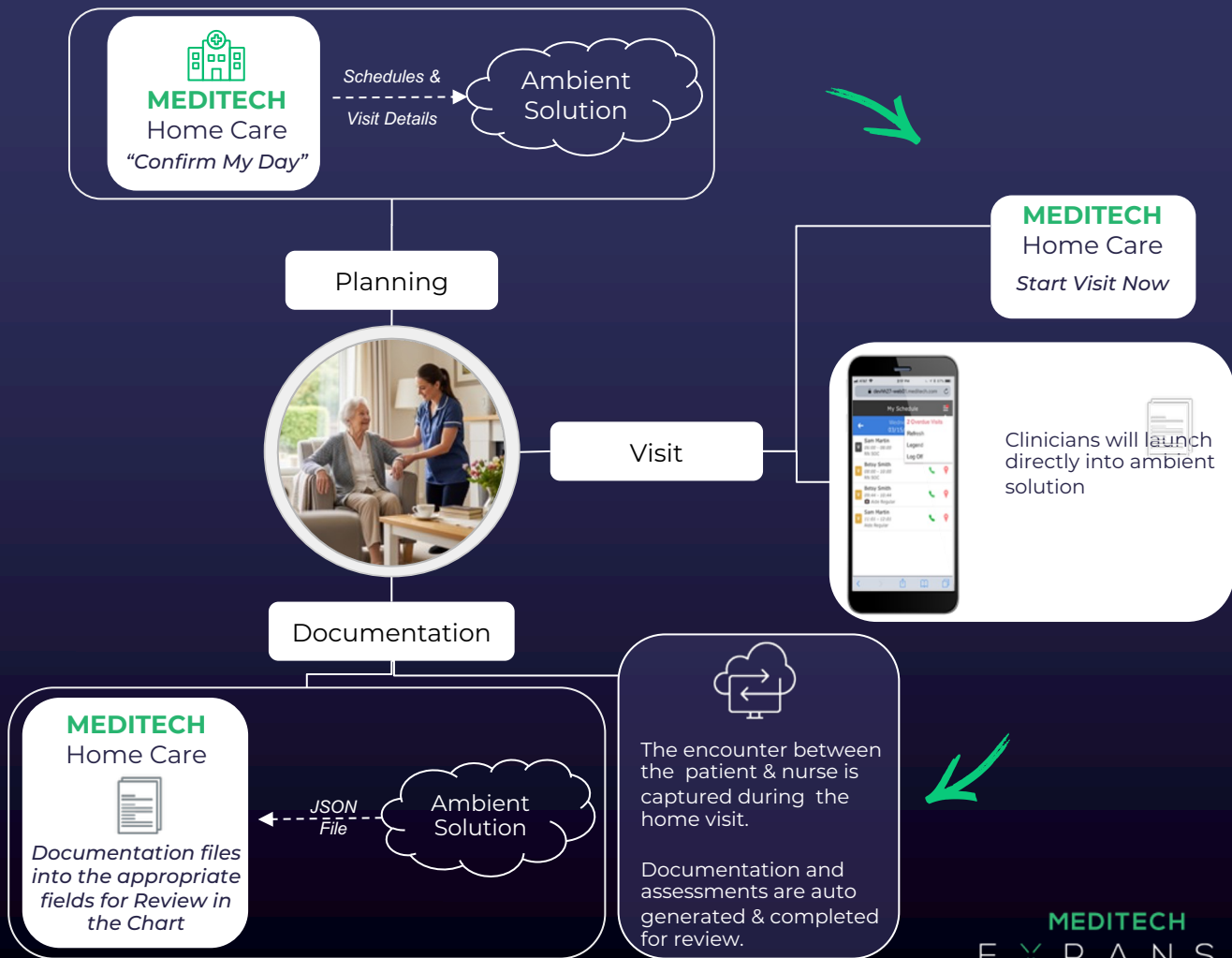
Background Analytics monitors adoption across the organization

Ambient Intelligence

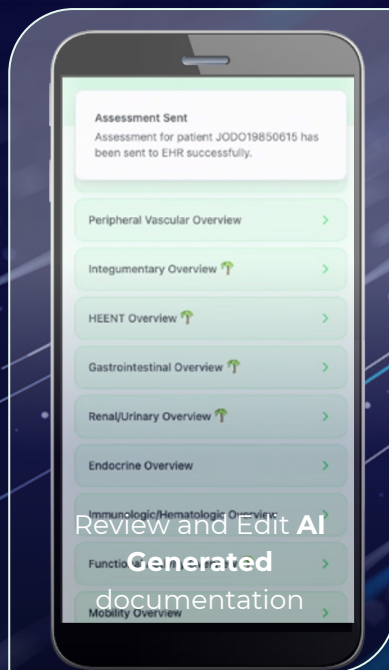
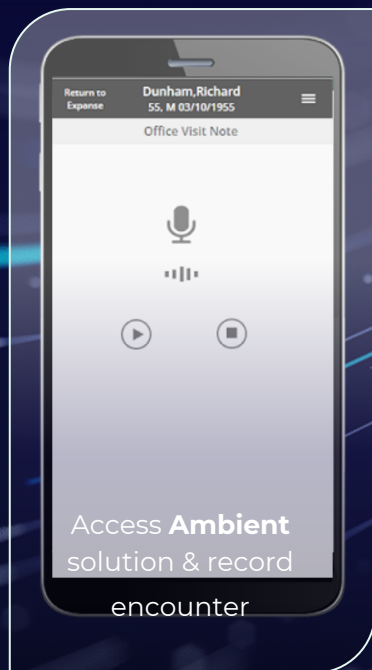
Document up to **75% faster**

Save **30-40 minutes per visit**

Over 30% reduction in after hours work



Ambient Listening **EXPERIENCE**



GOALS for *Home Health*



Clinician Experience

*AI Generated Documentation for
OASIS at Start of Care, Discharge,
Transfer, and Change in condition,
HOPE*

*Reduce documentation time by
50%*



Patient

*Increased patient outcomes and
satisfaction*



Financial

*Maximizing Reimbursement and
resource utilization*

*Increased number of referrals
accepted & visits per clinician*

FUTURE *Vision for Home Health*



The Clinician

Eliminate the need for documenting outside of a visit

Smart, hands-free data capture environment



Patient Experience

Deeper clinical interaction providing more personalized, attentive care

Deliver higher quality care



Expand on Ambient Intelligence

Ability to leverage more AI powered tools in Home Care - Smart Sensors, Wearables, Continuous data collection, copilots... and more!

MEDITECH E X P A N S E

BUILT FOR TODAY *and* TOMORROW

Thank you!