Health Assist AI - Investor Dec

The Problem

- Healthcare systems globally are facing a structural efficiency crisis driven by how **physicians spend their time**.
- A significant portion of physician time is consumed by history taking, documentation, and administrative workflows surrounding patient care.
    - Patient history intake
    - Clinical documentation
    - Paperwork & forms
    - Lab & imaging requisitions
    - Referral generation
    - Order entry & charting
- Much of this work is:
    - Repetitive
    - Administrative
    - Process-driven
    - Documentation-heavy
    - Low-complexity but time-intensive
- Physician training vs. task utilization mismatch
    - Physicians are highly trained clinical decision-makers — yet they spend the majority of their day performing tasks that:
        - Do not require MD-level expertise
        - Follow predictable templates
        - Can be protocolized
        - This mismatch contributes directly to:
            1. Physician burnout
            2. Reduced job satisfaction
            3. Early retirement
            4. Workforce attrition

The Solution — Health Assist AI

- Health Assist AI is a physician-led AI platform designed to automate clinical data capture, documentation, and workflow generation — enabling physicians to operate at the top of their license.

- Health Assist AI restores the **joy** of practicing medicine — enabling physicians to focus on thinking, diagnosing, and caring, while automation handles the repetitive burden.

Core Platform Capabilities

- AI-guided patient interviews
- Structured HPI capture
- Clinical summary generation
- Documentation-ready outputs
- Order and workflow automation
- Multilingual clinical environments.
- Chronic disease monitoring workflows & AI-guided health check-ins
- Preventive care reminders & lifestyle and adherence guidance

How It Works

- Patient-Guided Interview
  - Patients complete an AI-guided, adaptive clinical interview during the visit.
  - Structured symptom capture
  - Hybrid virtual capture of observable physical findings (e.g., images, symptom visualization, guided exam inputs)
  - Branching medical questioning
  - Specialty-aware logic
  - Pre-visit or point-of-care use

Clinician-Ready Summary

- The AI automatically generates structured clinical outputs:
  - History of Present Illness (HPI)
  - Symptom timelines
  - Pertinent positives & negatives
  - Clinical summaries
  - All formatted into physician-ready documentation.

Physician Review & Control

- Physicians remain fully in control of all outputs.

- Review
- Edit
- Approve
- Chart with confidence

Workflow Automation Layer

- Health Assist AI converts administrative workflows into one-click actions:
  - Ordering lab requisitions
  - Imaging orders
  - Prescribing medications
  - Specialist referrals
  - Investigations

Full Clinical Spectrum Support

- The platform supports the complete SOAP workflow:
  - History — AI-guided intake & structured HPI capture
  - Physical findings — hybrid AI-assisted and physician-entered
  - Patient-submitted images (e.g., dermatologic findings, pink eye, infected throat, joint abnormalities)
  - Symptom visualization capture (eg. marking pain location on a body diagram)
  - Structured physical exam questionnaires
  - Assessment — clinician-led interpretation and diagnosis
  - Plan — automated order and workflow generation

Efficiency Impact

- ~7–10 minutes saved per patient encounter
- ~3–4 hours saved per clinic day (30 patients)
- Increased patient throughput
- Reduced after-hours charting
- Lower administrative burden
- Most importantly it improves job satisfaction

Human + AI Collaboration Model

- Health Assist AI augments — not replaces — clinicians.

  AI contributes:
  - Exhaustive recall
  - Pattern recognition
  - Documentation speed
  - Knowledge synthesis

  Physicians contribute:
  - Clinical judgment

- Contextual reasoning
- Patient-specific decision-making
- Accountability

Combined, this creates a performance multiplier in care delivery.

Global Language & Accessibility Layer

- Health Assist AI is designed for multilingual clinical environments.

Capabilities:

- Supports patient interviews across world languages
- AI-guided intake translated in real time
- Structured clinical summaries generated in physician language
- Reduces reliance on interpreters for routine history capture

Impact:

- Improves access to care for non-native speakers
- Enhances documentation accuracy
- Expands usability across global healthcare markets

User Experience & Accessibility

- Health Assist AI is built for real-world clinical and patient usability.

Design Principles

- Intuitive physician workflows
- Minimal training required
- Patient-friendly guided interfaces
- Accessible across devices and care settings

Outcome

- Rapid adoption
- Low onboarding friction
- High engagement rates

Future Innovation Potential:

- AI-assisted clinical research
- Chronic disease management insights
- Preventive care modeling

Compliance & Infrastructure

Health Assist AI is designed with privacy-by-design and security-by-design principles to support regulated healthcare environments.

- Regulatory Posture
    - Operates as a HIPAA Business Associate (BA)
    - Executes Business Associate Agreements (BAAs) with customers
    - Aligns with HIPAA Security, Privacy, and Breach Notification Rules

- Data Handling Model
    - Patient Health Information (PHI) processed solely to support clinical workflows
    - No PHI used for AI model training
    - No PHI stored in logs or analytics systems

- Security Architecture
    - Microsoft Azure HIPAA-eligible infrastructure
    - Encryption in transit (TLS) and at rest
    - Role-based access control
    - Least-privilege permissions
    - Monitoring and audit safeguards

Governance & Risk Controls

- Documented risk assessments
- Breach response framework
- Vendor and sub-processor HIPAA alignment
- Compliance documentation maintained

Market Opportunity

Healthcare documentation and workflow automation represent one of the largest untapped efficiency markets in modern medicine.

- Structural Demand Drivers
    - Global physician shortages
    - Rising patient volumes
    - Aging populations
    - Increasing chronic disease burden

- Administrative workload expansion
- Physician burnout crisis

These forces are accelerating demand for clinical workflow automation.

- Administrative Cost Burden
    - Administrative tasks consume a significant portion of healthcare spending
    - Documentation and workflow inefficiencies cost healthcare systems billions annually
    - Physicians spend the majority of encounter time on data capture and charting rather than decision-making

AI-driven automation represents a major cost-reduction lever.

AI-assisted workflows enable physicians to deliver higher-quality care at greater scale.

Total Addressable Market (TAM)

- Global Healthcare AI Market
    - Projected to exceed **$100B+** within the next decade
    - Fastest growth in clinical documentation, workflow automation, and decision support
    - Health Assist AI sits directly within this expansion segment.

Serviceable Addressable Market (SAM)

- Clinical Documentation & Workflow Automation

  Includes:
    - AI medical scribes
    - Intake automation
    - Clinical documentation tools
    - Order workflow platforms

Estimated multi-billion-dollar segment with rapid enterprise adoption.

Serviceable Obtainable Market (SOM)

- Initial target customers:
    - Family physicians
    - Outpatient clinics
    - Urgent care centers
    - Telemedicine providers
- Expansion pathways:
    - Specialty clinics

    - Hospital systems
    - Enterprise health networks
- Market Scale Indicators
    - Millions of physicians globally
    - Hundreds of thousands of outpatient clinics
    - Billions of patient visits annually

Even modest penetration represents significant revenue scale.

Business Model & Revenue Strategy

Health Assist AI operates as a SaaS platform licensed to healthcare providers, with future expansion into patient-facing services.

Phase 1 — Provider-Focused Revenue (Initial Go-To-Market)

- Core Revenue Streams
    - Per-physician subscription licensing
    - Clinic / group practice licensing
    - Enterprise health system contracts
    - Telemedicine platform integrations
- This initial focus aligns with:
    - Faster regulatory adoption
    - Clear ROI for providers
    - Workflow integration into existing care delivery
- Pricing Model:
    - Target pricing: ~$300-500 per physician / month
    - SaaS subscription licensing model
    - Volume pricing for clinics and enterprises

Phase 2 — Patient-Facing Expansion

- Future platform capabilities will enable direct patient engagement, including:
    - AI-guided intake prior to visits
    - Subscription-based digital health services
    - Longitudinal health tracking
    - Preventive care monitoring
    - Symptom triage & navigation tools

Delivered in coordination with provider oversight.

Strategic Advantage of Dual Model

- Combining provider + patient revenue creates:
    - Multi-sided platform economics
    - Network effects
    - Longitudinal patient data insights
    - Increased lifetime value per user

Visual

Provider SaaS → Clinic workflows → Enterprise scale
↓
Patient engagement → Longitudinal care → Preventive AI layer

ROI & Economic Impact

Health Assist AI delivers measurable productivity, financial, and operational gains at the point of care.

- Daily Capacity Impact

  Example physician workflow:
    - ~30 patients per day baseline
    - 7–10 minutes saved per visit
    - ~3–4 hours saved daily

- Increased Patient Throughput
    - Ability to see more patients per clinic session
    - Expanded clinic capacity without extending hours
    - Reduced patient wait times

Revenue Uplift Potential

- Additional patient capacity can generate:
    - Increased billable encounters
    - Higher clinic revenue per physician
    - Improved operational utilization

Administrative Cost Reduction

- Less staff time spent on documentation workflows
- Reduced reliance on transcription / scribe services

- Lower operational overhead

Burnout & Retention Impact

- Reduced after-hours charting
- Lower documentation burden
- Improved physician satisfaction and retention

Competitive Landscape

Health Assist AI operates at the intersection of clinical intake, documentation automation, and workflow execution — a layer not fully addressed by current solutions.

Current Market Categories

- AI Medical Scribes

  Focus:

  - Ambient visit transcription
  - Post-visit documentation
  - Voice-to-note automation
  - Examples include vendors providing passive listening and note drafting.

Intake & Symptom Platforms

- Focus:
  - Pre-visit questionnaires
  - Symptom triage
  - Patient intake forms

Outputs are often unstructured or require manual synthesis.

Clinical Documentation Tools

- Focus:
  - Template notes
  - Dictation
  - Note automation

Limited guided intake or workflow execution.

Platform Gap

- Current tools typically solve **one layer** of the workflow:
    - Documentation only
    - Intake only
    - Transcription only

None provide end-to-end clinical workflow orchestration.

Health Assist AI Positioning

Health Assist AI integrates all three layers into a unified platform:

- Guided patient interviews
- Structured HPI capture
- Documentation-ready outputs
- Order & referral generation
- Workflow automation
- User friendly
- Enhances physician satisfaction and professional fulfillment
- Improves patient convenience and accessibility to care
- Supports patient interviews across world languages
- Future innovation potential in medicine

Key Differentiators

- Physician-led platform design
- Guided clinical intake vs passive transcription
- Structured medical logic
- Full SOAP workflow support
- Order and referral automation
- Compliance-first infrastructure

Positioning Statement

Health Assist AI is not an AI scribe — it is a clinical workflow operating system.

Capability	AI Scribes	Intake Tools	Health Assist AI
Ambient transcription	✓	✗	✗
Guided patient interviews	✗	Limited	✓
Structured HPI generation	Limited	Limited	✓
Documentation automation	✓	Limited	✓
Order & referral generation	✗	✗	✓
SOAP workflow coverage	✗	✗	✓

Real Competitors

AI Scribes

- Abridge
- DeepScribe
- Suki
- Nuance DAX

Clinical Copilots / Intake

- Doctronic
- Hippocratic AI
- K Health
- Ada Health

Current solutions address fragments of the workflow — we unify them into a single platform.

Health Assist AI owns the structured clinical intake and workflow execution layer — one of the least automated but most time-intensive segments of healthcare delivery.

Regulatory & Clinical Risk Positioning

Health Assist AI is designed as an assistive clinical workflow platform operating under physician oversight.

Assistive AI Model

- Functions as a clinical support and documentation tool
- Automates intake, data capture, and workflow generation
- Does not autonomously diagnose or treat patients

Physician-in-the-Loop Architecture

- All outputs are reviewed by licensed clinicians
- Physicians retain full decision-making authority
- AI-generated content is editable and physician-approved

Documentation & Workflow Focus

- Primary functions include:
  - Guided patient interviews
  - Structured HPI generation
  - Clinical documentation automation
  - Order and referral drafting

Positioned as workflow augmentation — not clinical decision replacement.

Regulatory Classification Positioning

- Aligned with clinical documentation and administrative automation tools
- Not positioned as a diagnostic medical device
- Falls within assistive AI and health IT software categories

(Subject to regulatory evolution and jurisdictional guidance.)

Deployment Pathway Advantage

- This positioning enables:
  - Faster clinical adoption
  - Lower regulatory barriers
  - Reduced clinical trial requirements
  - Scalable SaaS deployment

Product design, labeling, and workflow integration are structured to maintain clinician control and regulatory alignment.

Health Assist AI augments clinical care — it does not replace clinical judgment.

Go-To-Market Strategy

Health Assist AI's commercialization strategy begins with provider workflow adoption and expands through enterprise healthcare networks.

- Initial Target Customers

- Family physicians
- Outpatient clinics
- Urgent care centers
- Telemedicine providers

These segments experience the highest documentation burden and fastest ROI realization.

- Early Adoption Drivers

- Physician burnout reduction
- Documentation efficiency
- Time savings per encounter
- Increased patient throughput

Immediate operational value accelerates adoption.

- Sales Motion

- Direct clinic sales
- Physician network outreach
- Pilot programs & trial deployments
- Conference and medical community engagement

Enterprise Expansion Pathway

- Following clinic adoption:
  - Multi-site group practices
  - Health system partnerships
  - Telehealth platforms
  - EMR ecosystem integrations

- Adoption Strategy

- Physician-led onboarding
- Workflow customization
- Training & support
- ROI demonstration pilots

We begin where ROI is immediate — and expand where scale is exponential.

Traction & Product Status

Health Assist AI has progressed from concept to functional platform with active product development and early validation.

- Product Development
    - Functional prototype / MVP developed
    - Guided patient interview engine operational
    - Structured HPI generation implemented
    - Clinical documentation workflows integrated

- Demonstration Capability
    - Live product demo available
    - End-to-end workflow demonstration ready
    - Investor and pilot demos in progress

- Clinical Validation (If applicable)
    - Physician workflow testing underway
    - Clinical usability feedback incorporated
    - Iterative product refinement in progress

- Pilot & Partnership Discussions
    - Early clinic conversations initiated
    - Pilot deployment discussions underway

- Product Roadmap
    - EMR integrations planned
    - Specialty module expansion
    - Patient engagement layer development

Founder & Team

Health Assist AI is led by a physician-founder and software engineer with firsthand insight into clinical workflow inefficiencies and the technical expertise to build AI-driven solutions for real-world care delivery.

Founder

Dr. Manucher Mehraein — Founder & CEO

- Physician-founder and software engineer
- Frontline clinical operations experience
- Founder & Medical Director, MyMD Medical Clinic
- Clinical experience practicing in both Canada and the United States, with firsthand exposure to public and private healthcare delivery models.
- Direct exposure to documentation burden and workflow inefficiencies
- Hands-on involvement in product architecture and AI workflow design

Domain Expertise

- Clinical operations insight
- Patient intake and documentation workflows
- Care delivery optimization
- Physician burnout and throughput challenges

Technical & Product Leadership

- Active involvement in product design
- Clinical workflow modeling
- AI-assisted interview architecture
- Human-AI collaboration design

Mission Alignment

- Driven by the belief that:
  - Physicians should focus on clinical care — not administrative burden
  - AI should augment clinicians, not replace them
  - Workflow automation is foundational to healthcare scalability

Designed by someone who lives the problem — and can build the solution.

Funding Ask & Use of Funds (Polished Final Version)

Health Assist AI is raising capital to accelerate product development, clinical deployment, and commercial scale.

Funding Ask

Seeking: $2.5M Seed financing

Use of Funds Allocation

- Product & Engineering — 45%
    - AI model optimization
    - Guided interview expansion
    - Multimodal data capabilities
    - Database management
    - EMR integrations
    - Platform scalability & infrastructure

- Clinical & Regulatory — 20%
    - Clinical pilot programs
    - Workflow validation studies
    - Compliance & security expansion
    - Legal and regulatory advisory

- Go-To-Market — 20%
    - Clinic pilot deployments
    - Sales and partnership development
    - Physician outreach
    - Industry conferences and marketing

- Team & Operations — 15%
    - Engineering hires
    - AI/ML specialists
    - Clinical advisors
    - Customer success and onboarding

Runway & Milestones

- Funding supports:
    - 18–24 months operating runway
    - Pilot deployments leading to early revenue
    - Enterprise partnership development
    - Product expansion roadmap execution

Capital is deployed to accelerate clinical adoption and establish Health Assist AI as a foundational workflow platform.

The Future of AI-Assisted Medicine

We are at an inflection point in healthcare.

Despite the proven capabilities of AI, cultural hesitation still exists around integrating large language models into clinical practice.

This is natural — every transformative technology experiences early skepticism before widespread adoption.

Our mission is to responsibly accelerate the integration of AI into everyday medical workflows — not to replace clinicians, but to augment them.

By combining physician expertise with AI's speed, recall, and pattern recognition, healthcare delivery becomes:

- More efficient
- More scalable
- More accessible
- More patient-centered