RhythmX AI

Revolutionizing Healthcare with an AI-Powered Enterprise Precision Care Platform

THE CHALLENGE

Access Issues Exacerbating with Primary Care at a Breaking Point

Health systems across the U.S. are under immense strain with patient wait times for primary care as long as nine months. An aging population and a rising burden of chronic disease are driving demand for more complex, resource-intensive care. At the same time, clinician burnout is accelerating and workforce shortages are making it harder—and costlier—to meet this demand.

Clinicians are being asked to meet impossible expectations:

- Absorb each patient's full, often complex medical history spread across fragmented data sources inside and outside of EHRs
- Keep pace with rapidly evolving medical knowledge and best practices and apply it within the confines of a 20 minute patient visit
- Navigate vague and constantly shifting insurance requirements that vary by patient

This relentless pressure fuels burnout and moral injury across clinical teams—while simultaneously increasing the burden on health system leadership to improve care quality, reduce variability, and achieve sustainable financial performance.
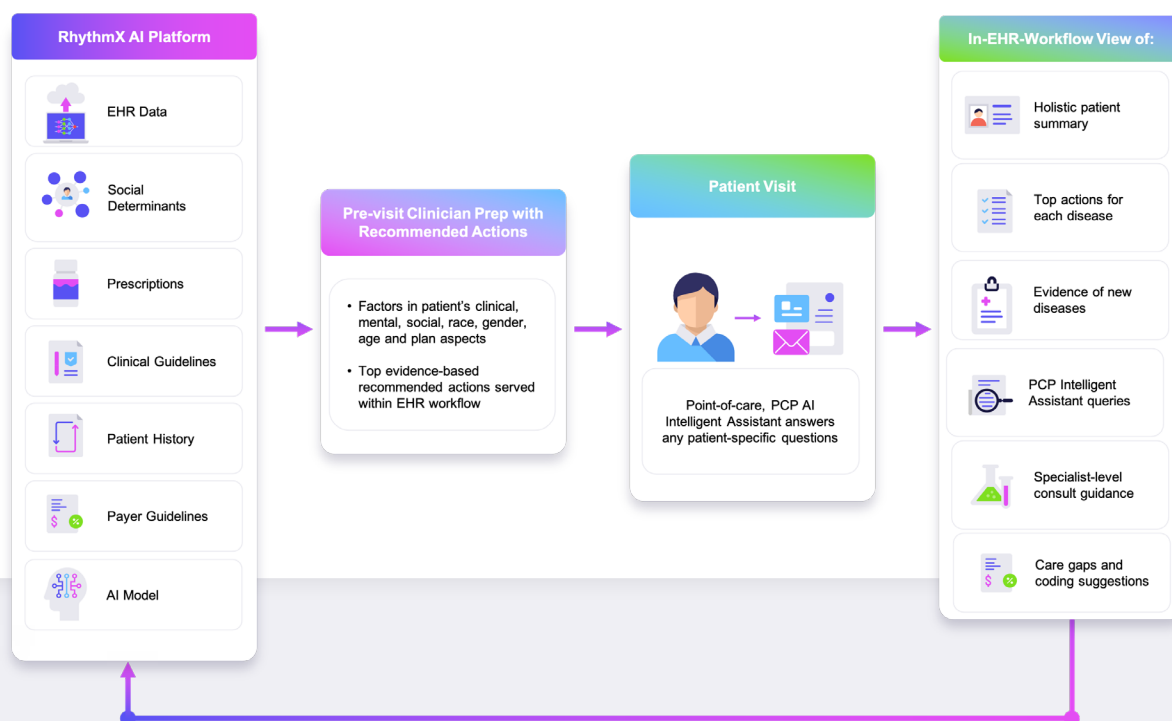
HOW WE SOLVE IT

RhythmX AI Enterprise Platform – Starting with Primary Care

RhythmX AI is revolutionizing healthcare using generative AI to deliver hyper-personalized patient care. Our Precision Care Platform was built and validated by clinicians for clinicians to address the increasing complexity and cognitive burden at the point-of-care.

Our enterprise platform captures and evaluates relevant patient information to create a clear view of the patient's health. From internal clinical information to external encounters, from evidence-based guidelines to formulary, social determinants, behavioral data and more, our platform creates a holistic view of each patient for the clinician.

Within an intuitive single-view, the Precision Care Platform turns data into actionable intelligence at the clinician's fingertips before, during and after patient encounters – all conveniently within their EHR workflow.

RhythmX AI Platform
- EHR Data
- Social Determinants
- Prescriptions
- Clinical Guidelines
- Patient History
- Payer Guidelines
- AI Model

Pre-visit Clinician Prep with Recommended Actions
- Factors in patient's clinical, mental, social, race, gender, age and plan aspects
- Top evidence-based recommended actions served within EHR workflow

Patient Visit
Point-of-care, PCP AI Intelligent Assistant answers any patient-specific questions

In-EHR-Workflow View of:
- Holistic patient summary
- Top actions for each disease
- Evidence of new diseases
- PCP Intelligent Assistant queries
- Specialist-level consult guidance
- Care gaps and coding suggestions

Clinically Validated PCP Intelligent Assistant

In the same single-view that is deeply incorporated into the EHR workflow, our platform allows clinicians to use the conversational AI Assistant for a holistic specialist-level consult, query the latest research specific to their patient, generate hyper-personalized content and optimize coding accuracy. Sample AI Assistant queries based on current PCP users include:

Pre-visit:

- "What is the patient's cardiovascular risk profile?"
- "List any suspected conditions based on abnormal clinical findings for this patient that are not already listed as conditions in her chart."

During visit:

- "Write a pulmonary rehab consult and include clinical justification for the insurer."
- "What orders should I place while patient is waiting for their nephrology visit?"

Post-visit:

- "Give me the most specific ICD10 codes for patient's current conditions."
- "Generate an after-visit summary for this patient, at a 5th grade reading level and in Spanish."

Delivering Unmatched Financial Value Across the Enterprise

Incremental Health System Revenue*

$10-25M Incremental Patient Visits	**$1-3M** Specialist Care Orchestration
$5-15M Detection of new conditions	**$2-3M** Clinician retention savings
$2-4M Quality Measures Improvements	**$1-5M** Prior Auth Patient Savings

*Projected benefits for 200 PCC health system based on RhythmX AI market research with 25+ health system CEOs and CFOs and a 30+ clinical panel.

Key Benefits

For Clinicians:

- 2+ hours saved per day per clinician while helping them cover more conditions in less time
- Actionable hyper-personalized care recommendations for chronic and acute conditions
- Reduced cognitive load and administrative burden through AI-powered intelligent assistance
- Brings back the joy of practice, spending time on top-of-license activities

For Patients:

- $1M-5M in patient savings from improved prior auth mitigation and optimized medication recommendations
- Improved access to care by helping clinicians address more appropriate conditions in a single primary care visit
- Higher quality care driven by evidence-based guidelines
- Increased support to monitor disease progression and risk prioritization

For Health Systems:

- Delivers >$50M/year in financial ROI
- Increased access for clinicians and patients
- Promotes holistic care combining clinical, mental, social and financial aspects
- Higher patient satisfaction and clinician productivity

> Primary care's beauty and challenge lie in its complexity—no two patients are the same. RhythmX AI helps deliver hyper-personalized care by considering clinical guidelines as well as age, gender, diet, and medication affordability. It provides reliable clinical data in an easily digestible form, focusing on relevant information for clinicians and offering personalized, guideline-based medicine integrated into EHR workflows."

Clinical Panel User, Dr. Mandy Dailey
MD, CAQSM, Board Certified Family Medicine & Sports Medicine Physician

For more information and to schedule a demo, contact John Frownfelter at john.frownfelter@rhythmx.ai or 586-453-1046

RhythmX AI