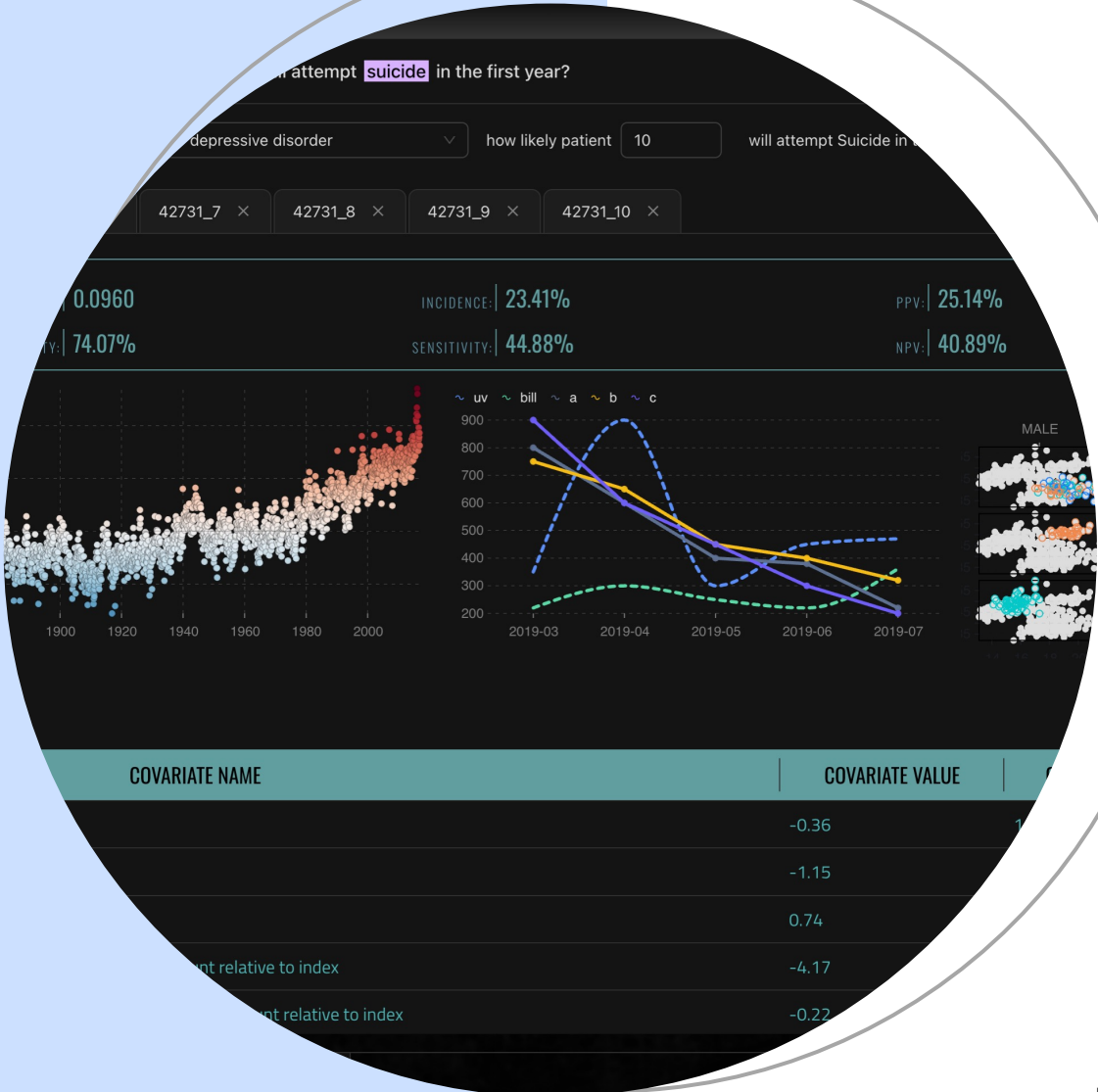


Medical AI



GK Palem

AI-driven Clinical Decision Support for Evidence-based
Personalized Care



What is the Problem?

Patient Safety in
Modern healthcare

What is the Problem?

Patient Safety in Modern healthcare

- Around 1 in every 10 patients is **harmed** in health care
- More than 3 million **deaths** occur annually due to unsafe care
- 50% of harm (1 in every 20 patients) is **preventable**
 - half of this harm is attributed to **medications**
- Medication Errors: affects 1 out of every 30 patients
- Diagnostic Errors: occur in 5–20% of physician–patient encounters
- Source: W.H.O. ([Reference](#)) 11-Sep-2023

What is the Problem?

Patient Safety in Modern healthcare

- Clinicians working under pressure
- Challenges in the Modern Healthcare Setting
 - Diagnostic Errors
 - Treatment Delays
 - Data Overload
 - ...

What is the Solution?

AI driven
Decision Support

What is our Solution?

AI driven
Decision Support

- **Clinical Decision Support System** (CDSS) integrated into the Provider's EHR
 - Provides decision support to the Doctors at the point-of-care

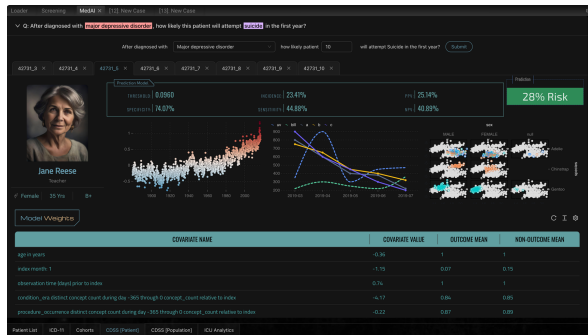
What is our Solution?

AI driven Decision Support

- Clinical Decision Support System (CDSS) integrated into the Provider's EHR
 - Provides decision support to the Doctors at the point-of-care
- **Reduces Diagnostic Errors:** provides real-time, evidence-based recommendations minimizing the risk of misdiagnosis.
- **Accelerates Treatment Delivery:** offers immediate suggestions for treatment options based on the latest research and specific patient conditions, significantly reducing the time to treatment initiation.
- **Manages Data Overload:** filters and prioritizes the relevant patient information and clinical guidelines, enabling the clinicians to focus on the critical decision-making without getting overwhelmed by the data.

What is our Solution?

AI driven Decision Support



[Demo](#)

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Value Proposition

AI driven Decision Support

- Our CDSS helps the **Clinicians**:
 - formulate targeted inquiries
 - refine working diagnosis
 - refine the differential diagnosis
 - mitigate the risk of Adverse Drug Reactions (ADRs)
 - identify potential contra-indications for selected medication
 - access real-time shared knowledge at the point-of-care
- Our CDSS helps the **Providers**:
 - Monitor and prevent drug (ab)use / opioid crisis
- Our CDSS helps the **Payers** reduce the costs by:
 - avoiding mis-diagnosis
 - eliminating unnecessary medical tests
 - providing evidence-based care specific to the individuals
 - monitoring the progress and predicting the risks (individualized)

Value Proposition

AI driven Decision Support

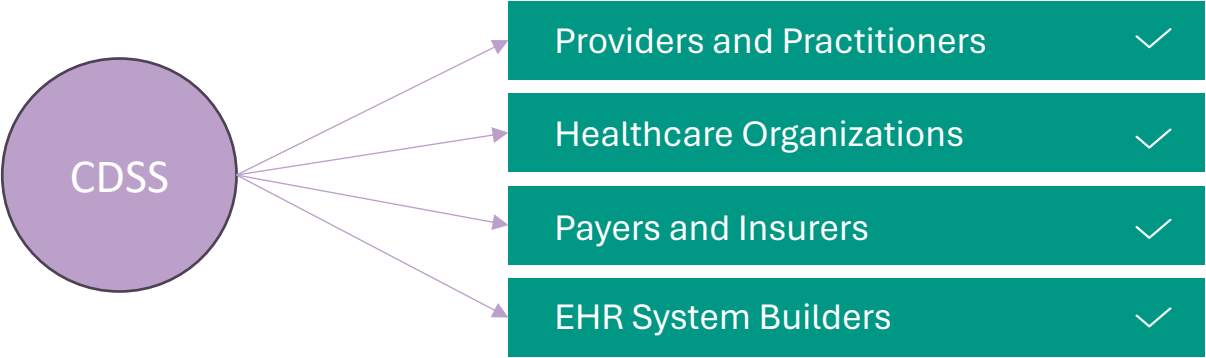
- Key Features
 - Seamless integration with existing EHR systems via **SaaS** model.
 - Real-time Clinical Decision Support based on the latest clinical data and **individual** patient health records.
 - Customizable **alerts** and decision support tailored to specific workflows.
 - Doctors have full **control** over when to use the AI and when not to.
 - Can optionally override any AI suggestion anytime.
 - Works with **in-patient** models as well as **Tele-health** scenarios.
 - **Audit log** for compliance and monitoring.
 - Regular updates and audits ensure that the system meets all **regulatory** requirements, including HIPAA.

Market Size

CAGR (2023–30):
10.6%

- Global CDSS market size is valued at: USD 5.3B in 2023
 - Expected to expand at CAGR of 10.6% from 2023 to 2030
 - Source: Grand View Research, CDSS Market Size Report ([Ref](#))
- Key Drivers of Growth
 - Rising EHR Adoption
 - Rising Demand for Personalized Medicine
 - Growing Emphasis on Value-Based Care
 - Adoption of AI tools in Healthcare
 - Increasing Chronic Disease Burden
 - Expansion of Telemedicine and Remote Patient Monitoring

Target Audience



Target Audience

Providers and Practitioners	✓
Healthcare Organizations	✓
Payers and Insurers	✓
EHR System Builders	✓

- Healthcare **Providers** and Practitioners
 - Rely on CDSS for **evidence-based** guidelines, **drug-interaction alerts**, patient-specific recommendations etc.

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


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 - Leverage CDSS to identify **high-risk** patients and implement targeted interventions to improve **outcomes** and reduce healthcare **costs**.

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- EHR System Builders
 - Can use our **SaaS API** to enable CDSS AI functionality in their EHR.

Competitive Landscape

Heal	
Heal X	
Bright.MD	
Cyclica	





- Heal
 - Heal is a health care service company that provides digital monitoring and telepsychology services to patients.
 - Last Funding Type: Series-D
 - Amount raised: USD 164.1M
- Differentiation
 - Heal provides value-based, in-home primary care to seniors.
 - Their key focus area is **in-home primary care for patients**.
 - Their primary target audience: Patient
 - Where as our CDSS platform is primarily aimed at Clinicians and EHR providers.

Competitive Landscape

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
- HealX
 - Healx is an AI-powered, patient-inspired technology company, pioneering the next generation of drug discovery for rare diseases.
 - Last Funding Type: Series-B
 - Amount raised: USD 67.9M
- Differentiation
 - HealX is pioneering the next wave of drug discovery for rare diseases.
 - Their key focus area is **AI-powered drug discovery** for rare diseases.
 - Their primary target audience: Pharma.
 - Where as our CDSS platform is **AI-powered decision support** for Clinicians at the point of care with real-time knowledge and patient specific health records.

Competitive Landscape

Heal	
Heal X	
Bright.MD	
Cyclica	

- Bright.MD
 - Bright.md is AI-powered virtual-care platform designed to modernize direct-to-patient telehealth for healthcare systems.
 - Last Funding Type: Series-C
 - Amount raised: USD 29.2M
- Differentiation
 - Bright.MD is a telehealth platform that provides virtual care solutions for patients.
 - Their key focus is **AI-powered** direct-to-patient **telehealth** for patients.
 - They partner with healthcare organizations to offer telehealth for patients.
 - Whereas we partner with healthcare organizations to offer **AI-powered decision support** for Clinicians (for both in-patient and tele-health scenarios).

Competitive Landscape

Heal	
Heal X	
Bright.MD	
Cyclica	

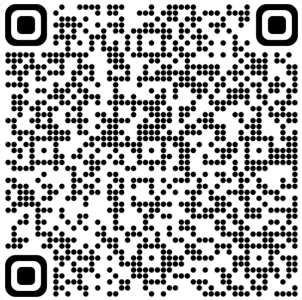
- Cyclica
 - Cyclica provides tools for the entire pre-clinical drug discovery process.
 - Last Funding Type: Series-B
 - Amount raised: USD 25.6M
- Differentiation
 - Cyclica uses BioPhysics and AI to improve drug discovery practices.
 - Their key focus area is **AI-powered drug discovery**.
 - Their primary target audience: Pharma.
 - Where as our CDSS platform is **AI-powered decision support** for Clinicians at the point of care with real-time knowledge and patient specific health records.

Business Model

Subscription-based SaaS Model

- Revenue Streams
 - **Recurring Revenue Model:** A subscription-based SaaS model, offering **tiered pricing** plans based on:
 - Number of users (e.g., physicians, nurses)
 - Facility size and complexity
 - Level of customization required
 - **Value-added Services:** Offer **value-added services** such as patient data analytics, predictive modelling, and population health management tools to optimize clinical works flows and optimize resource utilization.
 - Monetized through **add-on fees** and consulting arrangements.
 - **Partnerships and Integrations:** Collaborate with electronic health record (EHR) vendors, telemedicine providers, and healthcare technology companies to **integrate our CDSS** AI capabilities into their systems.
 - Revenue generated through licensing fees, integration charges, and revenue-sharing agreements.

Thank you



- Our CDSS SaaS platform presents a transformative opportunity to improve healthcare delivery and patient outcomes.

Next Steps:

We welcome the opportunity to discuss our vision and business model in further detail.

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