

Curating health information to improve patient outcomes & the human experience of care delivery



Meet Charles.

Charles was celebrating his granddaughter's birthday when he became acutely short of breath.

He arrives to the ER in his daughter's car gasping for air.

Charles takes 8 medicines for 4 major chronic problems.







The problem

Clunky EHR + explosion of information = pertinent data scattered & buried which

- distracts clinicians (~15% of clinical time looking for data*)
- can result in patient harm

A market ripe for disruption

- Practice inefficiency has driven physician burnout to an all time high
- No competition or incentive to improve usability
 - EHRs built for billing not care
 - 3 large vendors with 70% of market
 - High switching costs
- New technology now enables interoperability with 3rd party overlays



The Problem

This is an actual screen capture of Epic that is publicly available on the internet. Gag clauses prevent sharing screen captures like this



The Problem

Here is a typical workflow for an initial emergency department assessment before seeing a medically complex patient



The Solution

Curate and display customized information most salient to clinicians for safe & effective clinical decision-making



Business Model

Product: ED doctor dashboard nirvana **Customer**: Medical practices, hospitals

Value proposition:

- Increased productivity
- Reduced errors
- Reduced physician burnout

Revenue model: subscription-based with customization services

Distribution: EHR-specific app stores (e.g., Epic App Orchard, Cerner Code)



The team

Innovators in digital health design, implementation & EHR integration









Ted Melnick, MD, MHS

Digital health research

Yale School of Medicine

Arjun Venkatesh, MD, MBA, MHS

Implementation science Yale School of Medicine

Yauheni Solad, MD, MHS, MBA

Informatician & Entrepreneur

Yale-New Haven Health

Greg Makoul, PhD, MS

Seasoned entrepreneur in digital health

Yale faculty | Founder & CEO PatientWisdom

Milestones

Exactly what we would accomplish with Blavatnik funding

Budget Year 1		Needs assessme	nt	EHR integration		
Consultants (design, human factors, data standards)			Grow team, user focus groups for workflow & task analyses, apply			
Software development contract (programming)	\$35,000	for Phase I SBIR/S R01 to scale out u	STTR & related		Complete security review and go-live at Yale-New Haven	
Insurance, legal & corporate fees	\$45,000	●	Jul 2022	●	Jul 2023	
	\$20,000					
Budget Year 2		Jan 2022	•	Jan 2023		
Consultants			User-centered de	esign	Pilot launch & scale up	
	\$35,000		Iterative prototyp	e development	Assess efficacy, summative	
Software development	\$75,000		with formative us evaluation throug		usability evaluation, secure next round of funding, recruit first	
Project manager	\$60,000		viable product	,,	external customers	
Fees (legal, insurance, corporate & App Orchard)						
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Join us.

Thank you. Questions?

- How will CLEHR be different from the EHR?
- Is there a successful EHR overlay market?