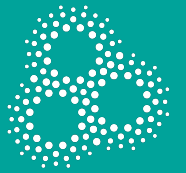




**HEALTH
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Educational Webinar Series

Health Data Analytics Institute, Inc.

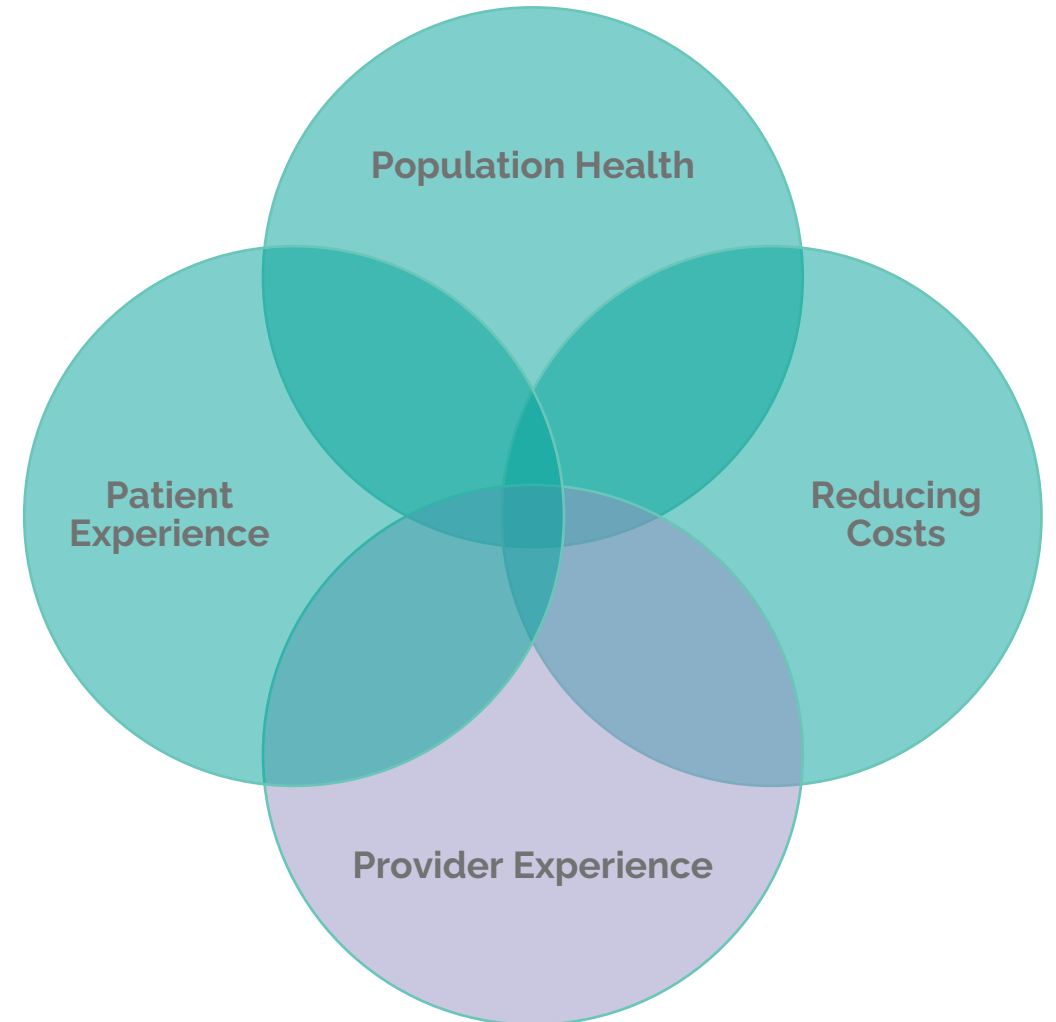
Reducing provider burnout
through AI and meaningful data

October 4, 2023

TODAY'S AGENDA

Reducing provider burnout through AI and meaningful data

- ✿ Welcome and introductions
- ✿ Four-part educational series:
Addressing the Quadruple Aim with AI and Meaningful Data
- ✿ Provider burnout and the detriment to the future of healthcare
- ✿ First-hand stories from the field
- ✿ Utilizing AI and meaningful data as tools for positive change



IMPROVING THE PROVIDER EXPERIENCE

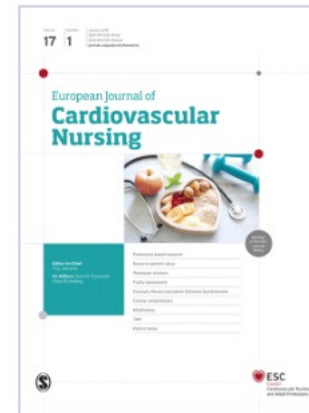
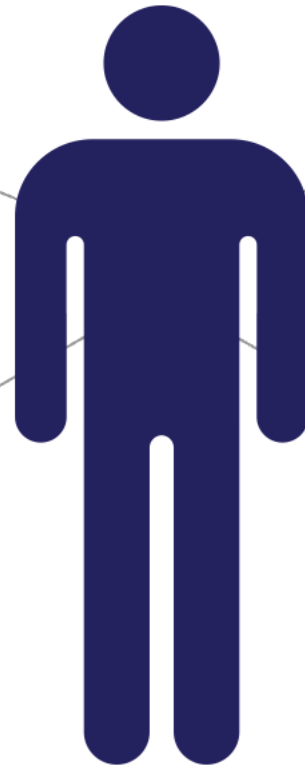
Sobering statistics on burnout and it's direct correlation to patient care

- Patients in understaffed units who experience two shifts understaffed are more likely to develop HAIs (hospital associated infections)
- In 2008, Medicare stopped payment to hospitals for 3 HAIs (catheter associated urinary tract infection, vascular catheter associated infection, and surgical site infection), so this can now impact health systems' bottom line
- A review of 54 studies found that increased staffing is related to decreased risk of acquiring HAIs



The 'Top 10 Patient Safety Concerns' for 2022, according to ECRI

- Staffing shortages chosen as one of the greatest patient concerns



- Higher staffing levels associated with reduced mortality, medication errors, ulcers, restraint use, infections, pneumonia, higher aspirin use and greater number of patients receiving percutaneous coronary intervention within 90 minutes.
- A higher nurse staffing level decreased the risk of in-hospital mortality by 14%.



Polling Question

**Have you witnessed firsthand negative impact to patient care due to burnout?
Or burnout-induced staffing shortages?**

Stories from the field



Romanus Joseph

MBA, MSN, RN, PhD Candidate
Director, Care Management Advisory Services



Emily Hightower

MSN, RN, CPN
Population Health Manager



Polling Question

Do you have interest
in or familiarity with
AI tools that can help
with burnout?

A teal-tinted photograph of a female doctor in a white lab coat with a stethoscope around her neck, leaning over and smiling warmly at an elderly female patient lying in a hospital bed. The patient is also smiling and looking up at the doctor. The background is a solid teal color with faint, light-colored circular and curved patterns.

Polling Question

What is your/your organization's readiness to adopt an AI solution?

A photograph of a female doctor in a white lab coat with a stethoscope around her neck, smiling warmly at an elderly female patient. The patient is also smiling and looking up at the doctor. The background is a solid teal color with faint, large, stylized white circular patterns. The text "What questions can I answer?" is overlaid in white, bold, sans-serif font.

**What questions can I
answer?**

Stop by our VBCExhibitHall.com Virtual Booth



Enter Booth

MOON STAGE

The Generative AI Presentations

SPEAKERS

Roberta L. Schwartz

EVP and Chief Innovation Officer
Houston Methodist Hospital

Nassib Chamoun

President & CEO
Health Data Analytics Institute (HDAI)

Shiv Rao, MD

CEO and Co-Founder
Abridge



LAS VEGAS
OCT 8 - 11, 2023

[VIEW](#)

After years of incremental progress, AI is now poised to unlock a long-awaited transformation in medical care. **Health systems have explored specialized clinical AI applications for years but have not yet implemented enterprise-wide solutions.**

Roberta Schwartz and Nassib Chamoun reveal how Houston Methodist is combining HDAI's suite of predictive models with Microsoft-GPT processing to empower clinical teams to develop innovative workflows and improve care delivery.

By integrating HDAI's platform into their Epic EHR system, Houston Methodist is using generative AI to ingest and combine raw clinical notes with structured data to enhance documentation and provide clinicians with continuously updated, transparent, and actionable risk profiles. **This allows clinicians to spend less time searching for information and more time developing individualized treatment plans and connecting with patients.**



We pinpoint the most significant opportunities to improve quality and reduce cost.

HDAI is a predictive analytics and care optimization company. We create a shared understanding of quantified health risks with dramatically shorter time to value, **leveraging our privileged access to the country's best longitudinal data set.**

Thank you!

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