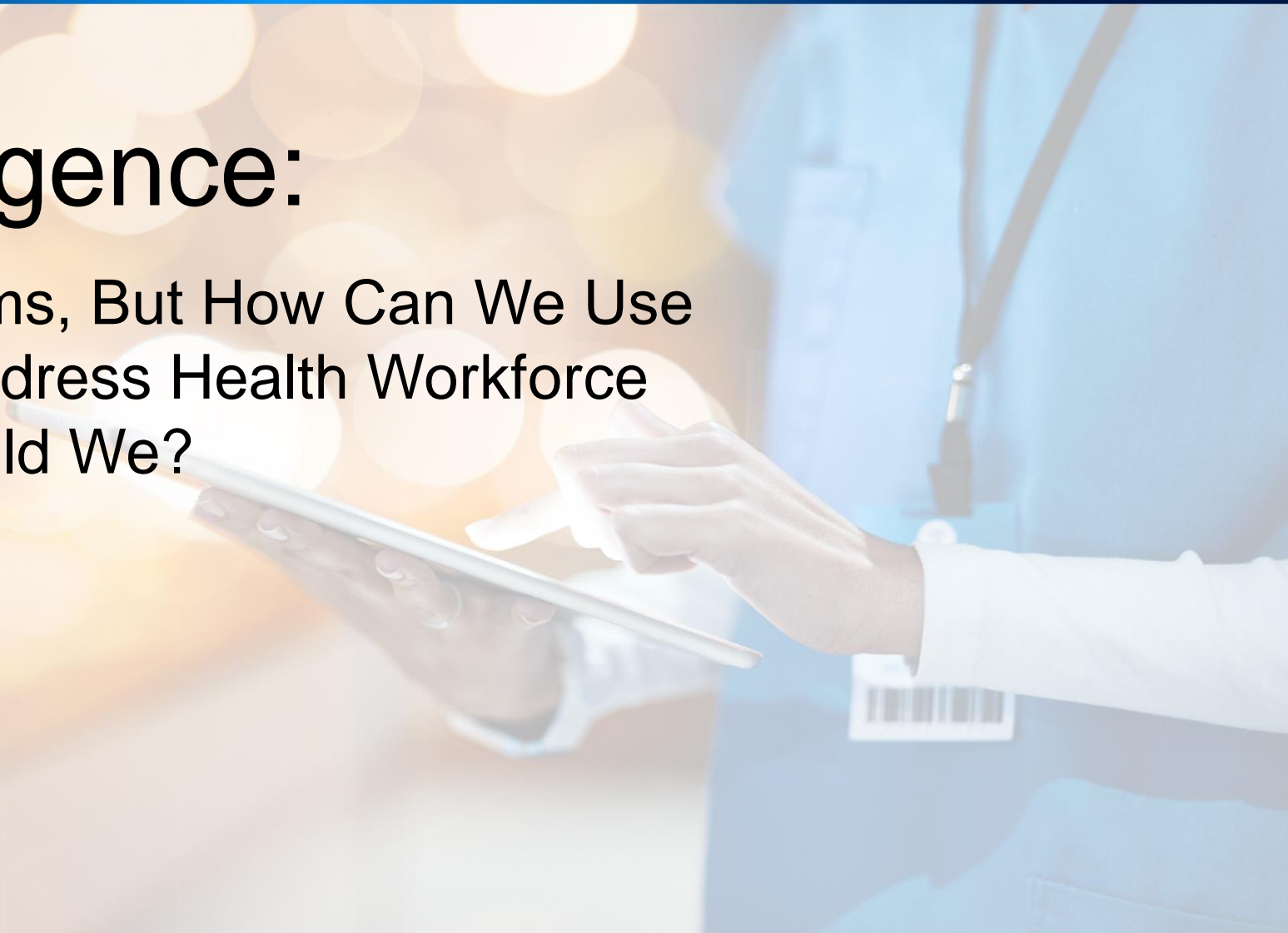


Artificial Intelligence:

It's Everywhere, It Seems, But How Can We Use It With Telehealth To Address Health Workforce Challenges? And Should We?





TELEHEALTH: Reimagining Care Beyond the Unwinding of the PHE



Welcome!



<https://telehealthresourcecenter.org/>

The workforce crisis

Today's clinical workforce is unsustainable. Without major changes to care delivery, traditional challenges like burnout and turnover — especially among early career staff — will diminish quality of care.

3.2M

Predicted shortage of
healthcare workers by
2026

18%

Of healthcare workers quit
their jobs during the
pandemic

47%

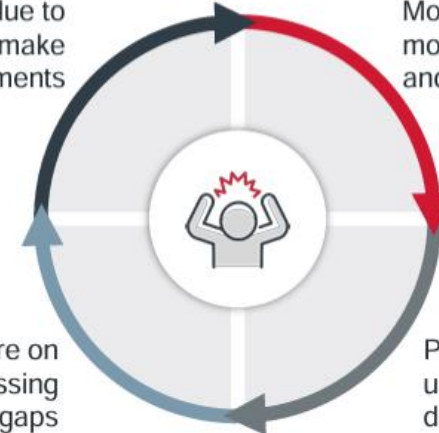
Of healthcare workers plan to
leave their current role within
the next two to three years

<https://www.advisory.com/featured/the-workforce-crisis>

Drivers of clinician turnover include:

- **Burnout:** Staff experience chronic workplace stress exacerbated by the pandemic and inadequate staffing.
- **Feelings of disrespect:** Staff voice ongoing concerns about pay, treatment, work-life balance.
- **Concerns about workplace safety:** Staff live with the threat of workplace violence and harassment from patients and families.

Structural issues remain due to lack of funds to make improvements



More clinicians leave due to moral distress, understaffing, and task mix

Systems must spend more on short-term fixes for addressing most urgent gaps

Providers are dangerously understaffed relative to demand

<https://www.advisory.com/featured/the-workforce-crisis>

The Promises and Pitfalls of Artificial Intelligence in Health Care

REPORT | FEBRUARY 22, 2023

60% of Americans Would Be Uncomfortable With Provider Relying on AI in Their Own Health Care

Yet many see promise for artificial intelligence to help issues of bias in medical care



<https://www.pewresearch.org/science/2023/02/22/60-of-americans-would-be-uncomfortable-with-provider-relying-on-ai-in-their-own-health-care/>



Tackling healthcare's biggest burdens with generative AI

July 10, 2023 | Article

<https://www.mckinsey.com/industries/healthcare/our-insights/tackling-healthcares-biggest-burdens-with-generative-ai>

AI Can Increase Efficiency in Healthcare, Even in a Pandemic

Advanced software augments and extends humans' capabilities to identify patterns, detect risks and improve care.

<https://healthtechmagazine.net/article/2021/02/ai-can-increase-efficiency-healthcare-even-pandemic>



"RECRUITING IN THE 21ST CENTURY"

Using AI To Address Healthcare Workforce Challenges

Mike Maffei: Founding Partner & President

Peter Caplan: VP of Business Development

Brandon Maffei: VP of Client Services

Who We Are

AlediumHR is a boutique healthcare recruiting firm that specializes in direct-hire placements for clinical and non-clinical roles across the United States and Canada, with extensive experience in the growing telehealth sector.



Talentlytical®
INTELLIGENT RECRUITING

AlediumHR is the premier provider of customized talent acquisition solutions centered on Telehealth, Health Tech, Healthcare Support, and Biomedical.

HEALTHCARE
TALENT ACQUISITION
PLATFORM

CONTACT US

- 800-483-5207
- info@alediumhr.com
- 17401 Commerce Park Blvd.
Suite 103
Tampa, FL 33647

THE TECHNOLOGY
Talentlytical® is our proprietary healthcare recruiting platform that utilizes intuitive AI intelligent recruiting programmed to match candidates to your specific job requirements.

THE DIFFERENCE
Talentlytical® machine learning algorithms access millions of candidates from untapped talent sources providing insights into passive and active job seekers.

THE GUARANTEE
Our proven Talentlytical® platform, along with our nationwide recruiting team, will significantly improve candidate quality, reduce time-to-hire, and improve recruiting ROI.

www.AlediumHR.com

HEALTHCARE TALENT THAT DIFFERENTIATES™

Three Key Differentiators Using AI



AI helps source candidates faster

AI can crawl job sites and resume databases to find qualified candidates quicker than manual searching.



AI automates screening

Initial resume screening and interviews can be automated by AI to save time and find the best candidates.



AI removes bias

AI can help remove unconscious human bias in hiring by focusing on skills and experience.

Using AI in recruiting improves efficiency, expands reach, and promotes fairness in finding the best healthcare candidates.



AI Further Personalizes Recruiting



Analyze Resumes

AI can quickly scan through thousands of resumes to identify best candidates.

Predict Performance

AI algorithms can predict candidate performance and retention based on hiring data.

Reduce Time to Hire

AI can automate manual and repetitive recruiting tasks, reducing time to hire.

Identify Gaps

AI can analyze recruiting metrics to identify gaps and opportunities for improvement.

Personalize Outreach

AI can suggest tailored outreach messages to resonate with each candidate.

AI = Improved Candidate Experience

- **Automated screening and scheduling**

AI systems can quickly review resumes and schedule interviews for the most qualified candidates.

- **Personalized communication**

Chatbots and automated emails provide tailored, responsive communication at scale.

- **Reduced bias**

AI can help remove human biases from screening and assessments.

- **24/7 scheduling**

Candidates can schedule interviews at their convenience with an AI scheduling assistant.

- **Improved experience for all candidates**

AI ensures every candidate gets a high-quality, consistent experience throughout the hiring process.

Reduced Bias



Unbiased algorithms

AI hiring algorithms can analyze candidates without human biases about gender, race, etc.



Objective assessments

AI can score candidate skills and experiences objectively based on data not biases.

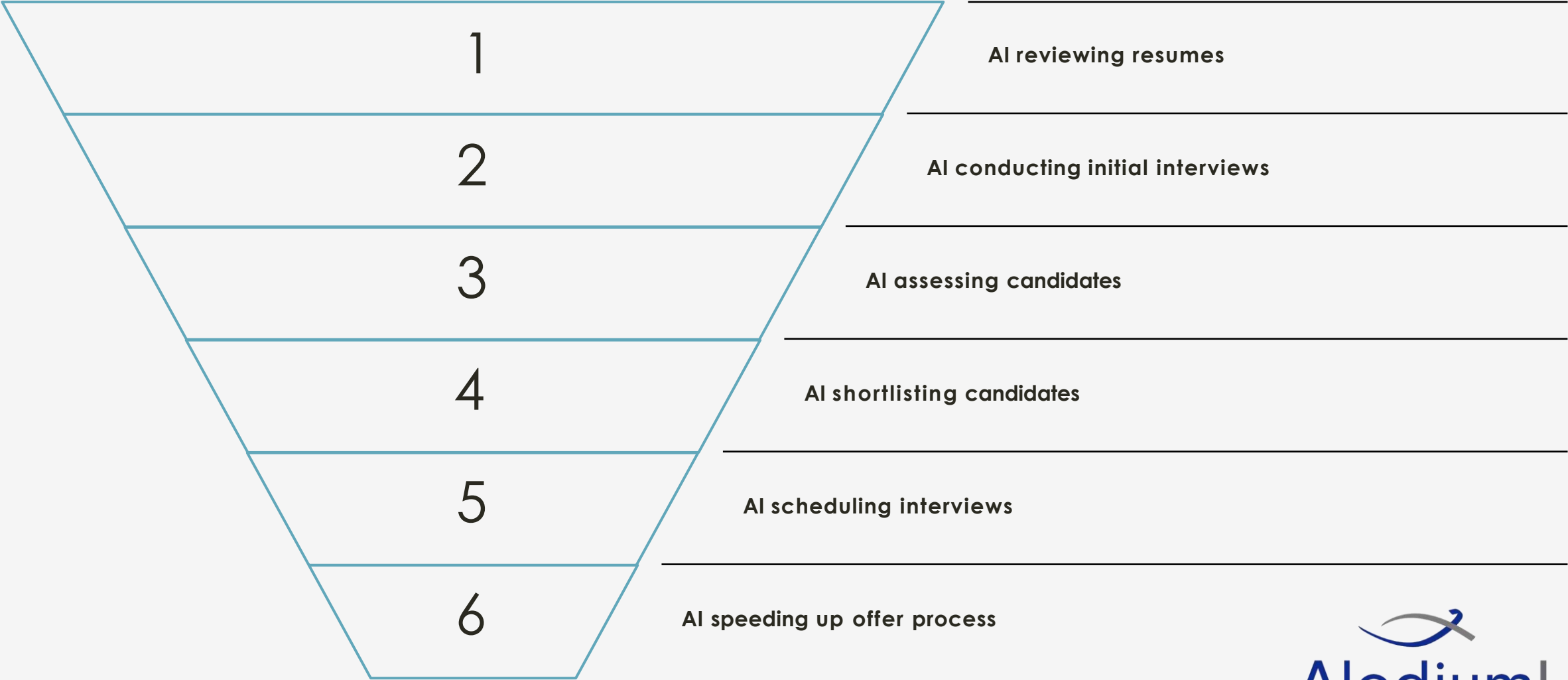


Fairer outcomes

AI algorithms make hiring decisions based on skills and qualifications leading to fairer and more diverse hiring.

By removing human biases, AI enables more fair and equitable hiring based on skills and qualifications.

Faster Hiring Process



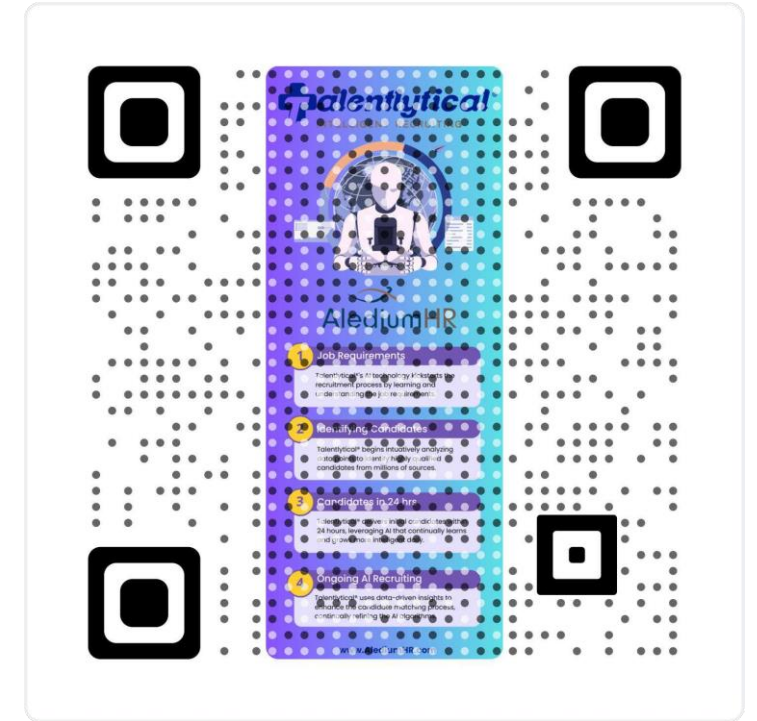
How We Use AI

Talentlytical®, is our proprietary talent acquisition platform that leverages intuitive AI to attract highly qualified healthcare professionals who align with your specific job requirements.

We refer to this as "Intelligent Recruiting."

Talentlytical's® advanced machine-learning algorithms, tap into talent sources to connect with healthcare professionals who are genuinely interested in your job opportunities.

Through Talentlytical®, we not only match you with potential candidates but also reach out to them in real-time via email and text for available positions.




AlediumHR

Key Takeaways



Faster hiring process

AI can quickly scan through resumes and find the best candidates based on required skills and qualifications.



Reduced recruitment costs

AI can automate repetitive tasks like screening resumes which saves recruiters' time and effort.



Better candidate experience

AI chatbots provide 24/7 assistance to candidates and enable quick response times during application process.



Improved quality of hires

AI algorithms can objectively evaluate candidates based on skills, experience and cultural fit to find the best hires.

AI improves healthcare recruiting by reducing costs, accelerating hiring, enhancing candidate experience, and helping find better quality talent.

Thank You



ASK ABOUT OUR DECEMBER RECRUITING SPECIAL!

 **AlediumHR**

HEALTHCARE

AI Intelligent Recruiting
12 Month Placement Guarantee

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- Direct Hire - Flat Fee Pricing
- Clinical & Non Clinical Roles
- Telehealth since 2013
- Minimum 35% Cost Savings

24/7 AI Recruiting

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INTELLIGENT RECRUITING



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My Background



- Neuroscientist and practicing teleneurologist
- Spent the last decade studying the use of new technology to improve neurological care
- Co-founder & CEO of Syntrillo, a digital health company transforming stroke prevention using AI and telehealth

AUTOMATING NEUROLOGICAL EXPERTISE

- Use of artificial intelligence (AI) for:
 - Disease detection & monitoring
 - Treatment plan creation
 - Patient engagement & support



"Humanoid robot doctor shaking hands with human doctor, bright oil painting" Dall-E, 2023

Examples of Artificial Intelligence in Clinical Medicine

Disease Monitoring

- Alzheimer's screening based on raw voice recordings
- AI achieved human expert performance in interpreting EEG's

Treatment Plan

- Prediction of anti-epileptic medication regimens with improved outcomes and reduced costs
- AI-based medication adjustments on par with endocrinologists in Type I DM management

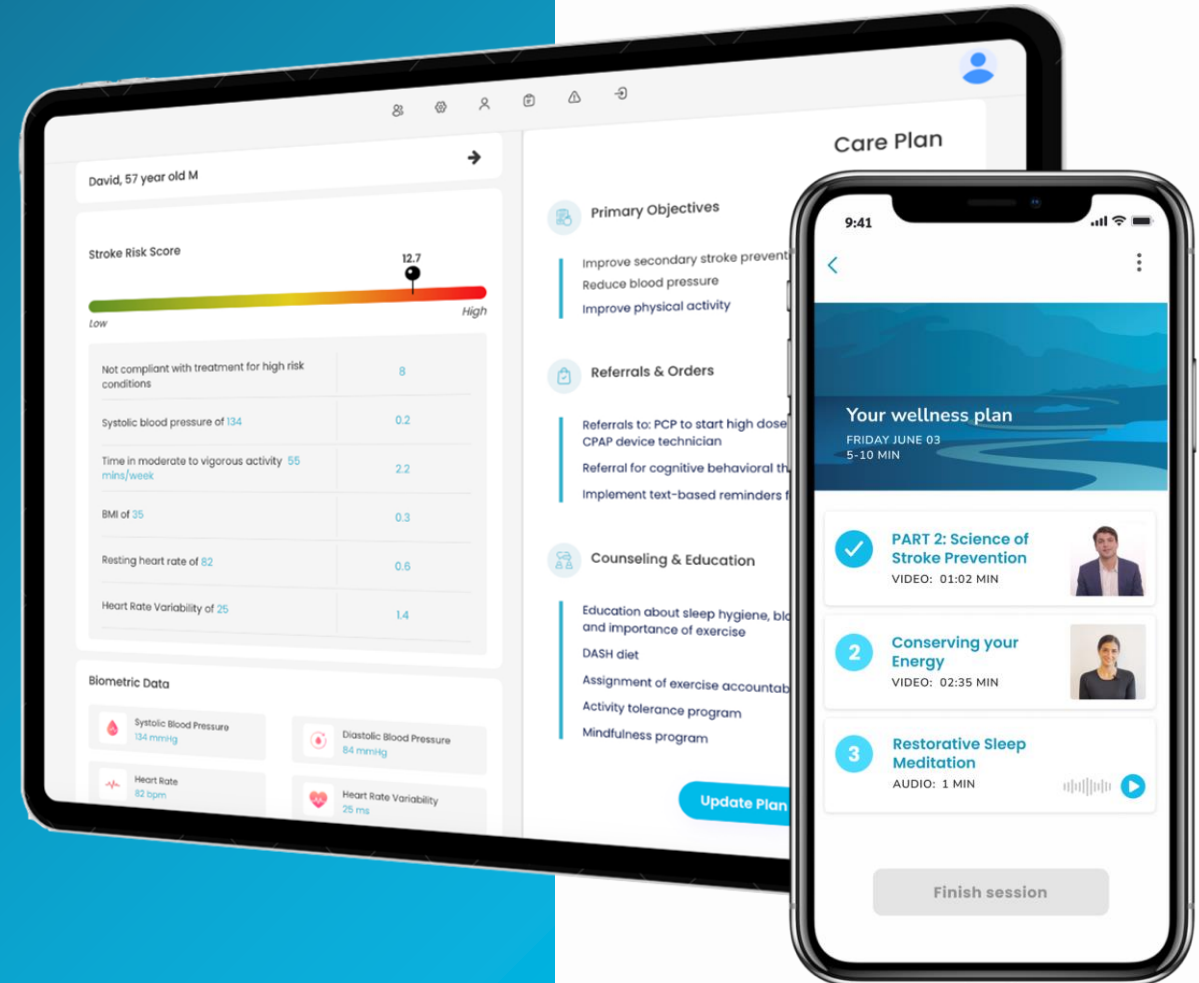
Patient Support

- AI chatbots have been shown to be highly efficacious in improving healthy lifestyles, smoking cessation, and treatment adherence

OUR USE CASE

An AI-driven platform that prevents stroke by:

- Better predicting future stroke
- Selecting the optimal prevention plan for a particular patient
- Engaging and supporting patients to help execute their prevention plan



Questions for our Presenters!

- Are there concerns or potential red flags associated with using AI in recruitment and talent acquisition? Or in employing AI in clinical care settings? How might AI be misused in these contexts, leading to poorer or inequitable decisions or unsafe conditions?
- Given the known biases in many AI models, how can these impact decision-making in talent acquisition or clinical care? What caveats should be aware of regarding these biases?
- How have you navigated challenges in gaining user acceptance of AI technologies among healthcare professionals and patients?
- Establishing and preserving trust is paramount. How do you tackle the challenge of ensuring transparency and explainability in AI decision-making for healthcare professionals, patients, and other stakeholders?
- What specific strategies do you utilize to validate clinical effectiveness and ensure reliable outcomes?



April 14 - 16, 2024
IN-PERSON ONLY

2024 MATRC SUMMIT

TELEHEALTH: Reimagining Care Beyond the Unwinding of the PHE

Kalahari Resorts & Conventions – Poconos
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MATRCSummit.org

BACK BY POPULAR DEMAND

- Telebehavioral Health Track
- Leading Transformation Track

Join us for #MATRC2024, where we gather healthcare pioneers, innovators, and professionals to explore the advancements and possibilities in telehealth beyond the year 2024. As we rapidly approach a time where telehealth is fully integrated into all of healthcare, we will be navigating the latest trends and best practices in telehealth implementation, remote patient monitoring, virtual consultations, and AI-driven healthcare solutions.

Through interactive workshops, panel discussions, and networking opportunities, we aim to foster collaboration and knowledge exchange, empowering attendees to embrace the full potential of telehealth for increasing accessibility, affordability, and quality of care for all.

A Hands-On Exploration of Cutting Edge Technologies: From Wearables to AI Integration

PRE-SUMMIT SESSION A
2 SESSIONS AVAILABLE!
Sunday, April 14
- 10:00 am - 1:00 pm
- 2:00 pm - 5:00 pm

2024 MATRC SUMMIT

In this hands-on workshop, we'll make the journey from the conventional methods of health monitoring to the cutting-edge innovations that are transforming healthcare. We will explore the use of advanced wearables, AI-driven applications, and real-time data analytics tools that are enhancing patient care beyond traditional means.

Step into a world where smart glasses and AI-powered wearable sensors are not just concepts, but everyday tools that provide real-time health data. We will navigate through the practicalities and challenges of using these consumer-grade devices and compare them with the sophistication and reliability of clinical-grade equipment.

AI's role in healthcare is no longer shrouded in mystery. We'll debunk the myths and provide concrete examples of AI applications in action. Witness live demonstrations of AI solutions like real-time blood glucose monitoring systems that provide instant analysis and recommendations.

We go beyond the surface, offering you an exclusive chance to interact with groundbreaking AI technologies. Engage with AI platforms that are redefining patient care, like virtual health assistants that use natural language processing to provide personalized health recommendations. Explore AI-driven predictive analytics tools that analyze patient data to forecast health trends and prevent chronic diseases.

Join us and be part of the conversation that is shaping the future of healthcare, where AI and human expertise converge to deliver unprecedented levels of patient care, safety, and satisfaction. Together, we will navigate the potential and challenges, ensuring that the integration of AI in healthcare is effective, ethical, and patient-centered.

**Space is limited!
Sign up today!**

Bonus Pre-Summit Session Is FREE to All Registered Summit Attendees

Please Add This Session When You Register!

CE Credits: This Session is included in the subset of sessions eligible for Continuing Education (CE) credits through ACCME, ANCC, APA, and ASWB. Adding CE to your registration for a nominal \$10 fee will allow you to claim credits for all CE-eligible sessions you attend throughout the Summit. Full Accreditation Statement available at <https://matrcsummit.org/agenda/>



For More Information:



Kathy Hsu Wibberly, PhD

Director, Mid-Atlantic Telehealth Resource Center
UVA Center for Telehealth

Email: Kathy.Wibberly@virginia.edu

Phone: 434.906.4960



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